

Appendix G2

Certificates of Analysis



Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-63910

Sampling location: STP-SEP

Sampling date: June 05, 2017

Sample name: STP-SEP

Sampling hour: 08:00

Sampled by: FL/MBA

Date received: June 06, 2017

Matrix: Waste Water

Drinking water distribution:

Corrected certificate, replacing the certificate V-63910 done on June 19 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
This report shall not be reproduced except in full without the written authority of the laboratory.



Analytical Report

Lab number: V-63910

Sample name: STP-SEP

Sampling location: STP-SEP

Sampling date: June 05, 2017

Sampling hour: 08:00

Parameter	Result	Method name	Analysis date
Total Suspended Solids	16 mg/L	M-SOLI-1.0	June 07, 2017
Nitrate (NO3)	0.37 mg N/L	Sous-traitance\Multilab Direct	June 09, 2017
Nitrite (NO2)	2.09 mg N/L	Sous-traitance\Multilab Direct	June 08, 2017
Ammonia nitrogen (NH3-NH4)	59 mg N/L	Sous-traitance\Bio-Services Inc.	June 13, 2017
Kjeldahl nitrogen	6.1 mg N/L	Sous-traitance\Bio-Services Inc.	June 13, 2017
BOD-5	10 mg/L	Sous-traitance\Bio-Services Inc.	June 08, 2017
COD	79 mg/L	Sous-traitance\Bio-Services Inc.	June 13, 2017
Total Phosphorus (P)	9.1 mg P/L	Sous-traitance\Bio-Services Inc.	June 13, 2017
Ammonia NH3 (non-ionized)	0.96 mg N/L	Sous-traitance\Multilab Direct	June 13, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Detection limit

Lab number: V-63910

Sample name: STP-SEP

Sampling location: STP-SEP

Sampling date: June 05, 2017

Sampling hour: 08:00

Parameter	Value	Unit	Method	Accreditation
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Nitrate (NO3)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO2)	0.01	mg N/L	Sous-traitance	Yes
Kjeldahl nitrogen	1	mg N/L	Sous-traitance	
BOD-5	1	mg/L	Sous-traitance	
COD	10	mg/L	Sous-traitance	
Total Phosphorus (P)	0.001	mg P/L	Sous-traitance	
Ammonia NH3 (non-ionized)	0.01	mg N/L	Sous-traitance	-

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Quality control Report

Lab number: V-63910
Sample name: STP-SEP
Sampling location: STP-SEP

Sampling date: June 05, 2017
Sampling hour: 08:00

Parameter

Total Suspended Solids mg/L	Blank <1
	Standard name STD-MES 25mg/L
	Result 24
	Accuracy 96%
	Limit 19 - 31

Nitrate (NO3) mg N/L	Blank <0.01
Nitrite (NO2) mg N/L	Blank <0.01
	Standard name DMR-0219-2017-NO2
	Result 2.62
	Accuracy 96.7%
	Limit 2.30 - 3.12

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Additional information

Lab number: V-63910
Sample name: STP-SEP
Sampling location: STP-SEP

Sampling date: June 05, 2017
Sampling hour: 08:00

Lab method	Method reference
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: M-117737

Sampling location: STP-IN

Sampling date: March 06, 2017

Sample name: STP-IN Dup

Sampling hour: 08:15

Sampled by: Jamie Kataluk

Date received: March 07, 2017

Matrix: Waste water

Drinking water distribution: **NA**

Reported on: March 14, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
This report shall not be reproduced except in full without the written authority of the laboratory.



Analytical Report

Lab number: M-117737

Sample name: STP-IN Dup

Sampling date: March 06, 2017

Sampling location: STP-IN

Sampling hour: 08:15

Parameter	Result	Method name	Analysis date
Fecal coliforms	3 600 000 CFU/100ml	M-COLI-1,0	March 08, 2017
Total coliforms	<1 000 000 CFU/100ml	M-COLI-2,0	March 08, 2017
Atypical colonies	> 200 000 000 CFU/100ml	M-COLI-2,0	March 08, 2017
Temperature	10 °C	M-TEMP-1.0	March 07, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
This report shall not be reproduced except in full without the written authority of the laboratory.



Additional information

Lab number: M-117737

Sample name: STP-IN Dup

Sampling location: STP-IN

Sampling date: March 06, 2017

Sampling hour: 08:15

State of the sample at reception : Temperature under 12°C.

Lab method	Method reference
M-COLI-1,0	MA.700-Ecctmi 1.0
M-COLI-2,0	MA.700-Ecctmi 1.0

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-62905

Sampling location: STP-IN

Sampling date: March 06, 2017

Sample name: STP-IN Dup

Sampling hour: 08:15

Sampled by: Jamie Kataluk

Date received: March 07, 2017

Matrix: Waste Water

Drinking water distribution:

Reported on: March 23, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Lab number: V-62905

Sample name: STP-IN Dup

Sampling location: STP-IN

Sampling date: March 06, 2017

Sampling hour: 08:15

Parameter	Result	Method name	Analysis date
Ammonia nitrogen (NH ₃ -NH ₄)	73.4 mg N/L	Sous-traitance\Multilab Direct	March 09, 2017
Kjeldahl nitrogen	82.2 mg N/L	Sous-traitance\Multilab Direct	March 10, 2017
BOD-5	247 mg/L	Sous-traitance\Bio-Services Inc.	March 09, 2017
COD	464 mg/L	Sous-traitance\Multilab Direct	March 10, 2017
Total Suspended Solids	82 mg/L	M-SOLI-1.0	March 08, 2017
Ammonia NH ₃ (non-ionized)	0.81 mg N/L	Sous-traitance\Multilab Direct	March 09, 2017
Nitrate (NO ₃)	0.02 mg N/L	Sous-traitance\Multilab Direct	March 10, 2017
Nitrite (NO ₂)	0.01 mg N/L	Sous-traitance\Multilab Direct	March 10, 2017
Total Phosphorus (P)	8.88 mg P/L	Sous-traitance\Multilab Direct	March 09, 2017
pH	7.52	M-TIT-1.0	March 07, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Detection limit

Lab number: V-62905

Sample name: STP-IN Dup

Sampling date: March 06, 2017

Sampling location: STP-IN

Sampling hour: 08:15

Parameter	Value	Unit	Method	Accreditation
Ammonia nitrogen (NH ₃ -NH ₄)	0.01	mg N/L	Sous-traitance	Yes
Kjeldahl nitrogen	0.05	mg N/L	Sous-traitance	Yes
BOD-5	1	mg/L	Sous-traitance	
COD	2	mg/L	Sous-traitance	Yes
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Ammonia NH ₃ (non-ionized)	0.01	mg N/L	Sous-traitance	-
Nitrate (NO ₃)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO ₂)	0.01	mg N/L	Sous-traitance	Yes
Total Phosphorus (P)	0.01	mg P/L	Sous-traitance	Yes
pH			M-TIT-1.0	Yes

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Quality control Report

Lab number: V-62905

Sample name: STP-IN Dup

Sampling date: March 06, 2017

Sampling location: STP-IN

Sampling hour: 08:15

Parameter	
Ammonia nitrogen (NH ₃ -NH ₄) m	Blank <0.01 Standard name DMR-0581-2016-NH ₃ -NH ₄ Result 2.23 Accuracy 95.3% Limit 1.81 - 2.45
Kjeldahl nitrogen mg N/L	Blank <0.05 Standard name DMR-0581-2016-NTK Result 5.76 Accuracy 97.5% Limit 4.78 - 6.46
COD mg/L	Blank <2 Standard name Dmr-0119-2017-7-DCO Result 53 Accuracy 96.1% Limit 40 - 62
Total Suspended Solids mg/L	Blank <1 Standard name STD-MES 250mg/L Result 246 Accuracy 98.4% Limit 194 - 306
Ammonia NH ₃ (non-ionized) mg	Blank <0.01
Nitrate (NO ₃) mg N/L	Blank <0.01
Nitrite (NO ₂) mg N/L	Blank <0.01 Standard name DMR-0052-2017-NO ₂ Result 1.97 Accuracy 97.5% Limit 1.72 - 2.32
pH	Standard name STD pH 7.0 Result 7.02 Accuracy 99.7% Limit 6.96 - 7.04
Total Phosphorus (P) mg P/L	Blank <0.01 Standard name DMR-0581-2016-Ptotal Result 1.27 Accuracy 91.5% Limit 1.03 - 1.31

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Additional information

Lab number: V-62905
Sample name: STP-IN Dup
Sampling location: STP-IN

Sampling date: March 06, 2017
Sampling hour: 08:15

Lab method	Method reference
M-NH3-2.0	MA.300-N 2.0
M-DCO-1.0	MA.315-DCO 1.1
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-P-3.0	MA. 315-P 2.0
M-TIT-1.0	MA.303-Titr Auto 2.0

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: M-117736

Sampling location: STP-IN

Sampling date: March 06, 2017

Sample name: STP-IN

Sampling hour: 08:15

Sampled by: Jamie Kataluk

Date received: March 07, 2017

Matrix: Waste water

Drinking water distribution: **NA**

Reported on: March 13, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Lab number: M-117736

Sample name: STP-IN

Sampling location: STP-IN

Sampling date: March 06, 2017

Sampling hour: 08:15

Parameter	Result	Method name	Analysis date
Fecal coliforms	2 800 000 CFU/100ml	M-COLI-1,0	March 08, 2017
Total coliforms	<1 000 000 CFU/100ml	M-COLI-2,0	March 08, 2017
Atypical colonies	> 200 000 000 CFU/100ml	M-COLI-2,0	March 08, 2017
Temperature	10.5 °C	M-TEMP-1.0	March 07, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Additional information

Lab number: M-117736

Sample name: STP-IN

Sampling location: STP-IN

Sampling date: March 06, 2017

Sampling hour: 08:15

State of the sample at reception : Temperature under 12°C.

Lab method	Method reference
M-COLI-1,0	MA.700-Ecctmi 1.0
M-COLI-2,0	MA.700-Ecctmi 1.0

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-62904

Sampling location: STP-IN

Sampling date: March 06, 2017

Sample name: STP-IN

Sampling hour: 08:15

Sampled by: Jamie Kataluk

Date received: March 07, 2017

Matrix: Waste Water

Drinking water distribution:

Reported on: March 23, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Lab number: V-62904

Sample name: STP-IN

Sampling location: STP-IN

Sampling date: March 06, 2017

Sampling hour: 08:15

Parameter	Result	Method name	Analysis date
Ammonia nitrogen (NH ₃ -NH ₄)	72.9 mg N/L	Sous-traitance\Multilab Direct	March 09, 2017
Kjeldahl nitrogen	80 mg N/L	Sous-traitance\Multilab Direct	March 10, 2017
BOD-5	242 mg/L	Sous-traitance\Bio-Services Inc.	March 09, 2017
COD	438 mg/L	Sous-traitance\Multilab Direct	March 10, 2017
Total Suspended Solids	94 mg/L	M-SOLI-1.0	March 08, 2017
Ammonia NH ₃ (non-ionized)	0.82 mg N/L	Sous-traitance\Multilab Direct	March 09, 2017
Nitrate (NO ₃)	0.01 mg N/L	Sous-traitance\Multilab Direct	March 10, 2017
Nitrite (NO ₂)	0.03 mg N/L	Sous-traitance\Multilab Direct	March 10, 2017
Total Phosphorus (P)	8.89 mg P/L	Sous-traitance\Multilab Direct	March 09, 2017
pH	7.55	M-TIT-1.0	March 07, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
This report shall not be reproduced except in full without the written authority of the laboratory.



Detection limit

Lab number: V-62904

Sample name: STP-IN

Sampling location: STP-IN

Sampling date: March 06, 2017

Sampling hour: 08:15

Parameter	Value	Unit	Method	Accreditation
Ammonia nitrogen (NH ₃ -NH ₄)	0.01	mg N/L	Sous-traitance	Yes
Kjeldahl nitrogen	0.05	mg N/L	Sous-traitance	Yes
BOD-5	1	mg/L	Sous-traitance	
COD	2	mg/L	Sous-traitance	Yes
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Ammonia NH ₃ (non-ionized)	0.01	mg N/L	Sous-traitance	-
Nitrate (NO ₃)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO ₂)	0.01	mg N/L	Sous-traitance	Yes
Total Phosphorus (P)	0.01	mg P/L	Sous-traitance	Yes
pH			M-TIT-1.0	Yes

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Quality control Report

Lab number: V-62904

Sample name: STP-IN

Sampling location: STP-IN

Sampling date: March 06, 2017

Sampling hour: 08:15

Parameter	
Ammonia nitrogen (NH ₃ -NH ₄) m	Blank <0.01 Standard name DMR-0581-2016-NH ₃ -NH ₄ Result 2.23 Accuracy 95.3% Limit 1.81 - 2.45
Kjeldahl nitrogen mg N/L	Blank <0.05 Standard name DMR-0581-2016-NTK Result 5.76 Accuracy 97.5% Limit 4.78 - 6.46
COD mg/L	Sample duplicate 80.0-80.6 Blank <2 Standard name Dmr-0119-2017-7-DCO Result 53 Accuracy 96.1% Limit 40 - 62
Total Suspended Solids mg/L	Blank <1 Standard name STD-MES 250mg/L Result 246 Accuracy 98.4% Limit 194 - 306
Ammonia NH ₃ (non-ionized) mg	Blank <0.01
Nitrate (NO ₃) mg N/L	Blank <0.01
Nitrite (NO ₂) mg N/L	Blank <0.01 Standard name DMR-0052-2017-NO ₂ Result 1.97 Accuracy 97.5% Limit 1.72 - 2.32
pH	Standard name STD pH 7.0 Result 7.02 Accuracy 99.7% Limit 6.96 - 7.04
Total Phosphorus (P) mg P/L	Blank <0.01 Standard name DMR-0581-2016-Ptotal Result 1.27 Accuracy 91.5% Limit 1.03 - 1.31

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Additional information

Lab number: V-62904
Sample name: STP-IN
Sampling location: STP-IN

Sampling date: March 06, 2017
Sampling hour: 08:15

Lab method	Method reference
M-NH3-2.0	MA.300-N 2.0
M-DCO-1.0	MA.315-DCO 1.1
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-P-3.0	MA. 315-P 2.0
M-TIT-1.0	MA.303-Titr Auto 2.0

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: M-117739

Sampling location: STP-LJMIX

Sampling date: March 06, 2017

Sample name: STP-LJMIX Dup

Sampling hour: 08:10

Sampled by: Jamie Kataluk

Date received: March 07, 2017

Matrix: Waste water

Drinking water distribution: **NA**

Reported on: March 13, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
This report shall not be reproduced except in full without the written authority of the laboratory.



Analytical Report

Lab number: M-117739

Sample name: STP-LJMIX Dup

Sampling date: March 06, 2017

Sampling location: STP-LJMIX

Sampling hour: 08:10

Parameter	Result	Method name	Analysis date
Fecal coliforms	210 CFU/100ml	M-COLI-1,0	March 08, 2017
Total coliforms	15 000 CFU/100ml	M-COLI-2,0	March 08, 2017
Atypical colonies	2 000 CFU/100ml	M-COLI-2,0	March 08, 2017
Temperature	11 °C	M-TEMP-1.0	March 07, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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125, Industrial blvd.
Rouyn-Noranda (Quebec) J9X 6P2
Phone. : 819 797-0550
Toll Free: 1 877 326-8690
www.h2lab.ca

Certificate # : RNM101156

Client #: 990

Client Reference : STP-SEP

CERTIFICATE OF ANALYSIS

Agnico Eagle Division Meadowbank

General Delivery
Baker Lake
Nunavut X0C 0A0
Phone number : (604) 677-0689

Sample # : M201180 (STP-SEP)

Matrix : Waste Water
Received on : 2017-05-02
Sampled on : 2017-05-01 7:45
Sampling site : STP-SEP
Sampler : Martin T.

Parameter (laboratory method)	Method of reference	Result	Detection Limit	Unit	Norm/ Recom.	Date of analysis
Fecal coliforms (M-COLI-1.0) a 1		50	0	UFC/100 mL	-	2017-05-03
Atypical colonies (M-COLI-2.0) 1		1 300	0	UFC/100 mL	-	2017-05-03
Total coliforms (M-COLI-2.0) a 1		10 400	0	UFC/100 mL	-	2017-05-03

Legend :

UFC : Colony-forming units a : Parameter(s) accredited 1 : analysis made by H2Lab Laboratory at Rouyn-Noranda

The sample's appreciation and conformity towards established norms, if applicable, is based and limited to analyzed parameters. This report can't be reproduced, unless in whole, without prior written authorization from the laboratory. The results are related only to samples submitted for testing.



Additional information

Lab number: M-117739

Sample name: STP-LJMIX Dup

Sampling location: STP-LJMIX

Sampling date: March 06, 2017

Sampling hour: 08:10

State of the sample at reception : Temperature under 12°C.

Lab method	Method reference
M-COLI-1,0	MA.700-Ecctmi 1.0
M-COLI-2,0	MA.700-Ecctmi 1.0

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-62907

Sampling location: STP-LJMIX

Sampling date: March 06, 2017

Sample name: STP-LJMIX Dup

Sampling hour: 08:10

Sampled by: Jamie Kataluk

Date received: March 07, 2017

Matrix: Waste Water

Drinking water distribution:

Reported on: March 23, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
This report shall not be reproduced except in full without the written authority of the laboratory.



Analytical Report

Lab number: V-62907

Sample name: STP-LJMIX Dup

Sampling date: March 06, 2017

Sampling location: STP-LJMIX

Sampling hour: 08:10

Parameter	Result	Method name	Analysis date
Ammonia nitrogen (NH ₃ -NH ₄)	2.60 mg N/L	Sous-traitance\Multilab Direct	March 09, 2017
Kjeldahl nitrogen	5.77 mg N/L	Sous-traitance\Multilab Direct	March 10, 2017
BOD-5	11 mg/L	Sous-traitance\Bio-Services Inc.	March 09, 2017
COD	57 mg/L	Sous-traitance\Multilab Direct	March 10, 2017
Total Suspended Solids	4 mg/L	M-SOLI-1.0	March 08, 2017
Ammonia NH ₃ (non-ionized)	<0.01 mg N/L	Sous-traitance\Multilab Direct	March 09, 2017
Nitrate (NO ₃)	16 mg N/L	Sous-traitance\Multilab Direct	March 10, 2017
Nitrite (NO ₂)	0.22 mg N/L	Sous-traitance\Multilab Direct	March 10, 2017
pH	6.55	M-TIT-1.0	March 07, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Detection limit

Lab number: V-62907

Sample name: STP-LJMIX Dup

Sampling date: March 06, 2017

Sampling location: STP-LJMIX

Sampling hour: 08:10

Parameter	Value	Unit	Method	Accreditation
Ammonia nitrogen (NH ₃ -NH ₄)	0.01	mg N/L	Sous-traitance	Yes
Kjeldahl nitrogen	0.05	mg N/L	Sous-traitance	Yes
BOD-5	1	mg/L	Sous-traitance	
COD	2	mg/L	Sous-traitance	Yes
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Ammonia NH ₃ (non-ionized)	0.01	mg N/L	Sous-traitance	-
Nitrate (NO ₃)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO ₂)	0.01	mg N/L	Sous-traitance	Yes
pH			M-TIT-1.0	Yes

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Quality control Report

Lab number: V-62907

Sample name: STP-LJMIX Dup

Sampling date: March 06, 2017

Sampling location: STP-LJMIX

Sampling hour: 08:10

Parameter

Ammonia nitrogen (NH₃-NH₄) m Blank <0.01
Standard name DMR-0581-2016-NH₃-NH₄
Result 2.23
Accuracy 95.3%
Limit 1.81 - 2.45

Kjeldahl nitrogen mg N/L Blank <0.05
Standard name DMR-0581-2016-NTK
Result 5.76
Accuracy 97.5%
Limit 4.78 - 6.46

COD mg/L Blank <2
Standard name Dmr-0119-2017-7-DCO
Result 53
Accuracy 96.1%
Limit 40 - 62

Total Suspended Solids mg/L Blank <1
Standard name STD-MES 250mg/L
Result 246
Accuracy 98.4%
Limit 194 - 306

Ammonia NH₃ (non-ionized) mg Blank <0.01
Nitrate (NO₃) mg N/L Blank <0.01
Nitrite (NO₂) mg N/L Blank <0.01
Standard name DMR-0052-2017-NO₂
Result 1.97
Accuracy 97.5%
Limit 1.72 - 2.32

pH Standard name STD pH 7.0
Result 7.02
Accuracy 99.7%
Limit 6.96 - 7.04

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
This report shall not be reproduced except in full without the written authority of the laboratory.



Additional information

Lab number: V-62907

Sample name: STP-LJMIX Dup

Sampling location: STP-LJMIX

Sampling date: March 06, 2017

Sampling hour: 08:10

Lab method	Method reference
M-NH3-2.0	MA.300-N 2.0
M-DCO-1.0	MA.315-DCO 1.1
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-TIT-1.0	MA.303-Titr Auto 2.0

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: M-117738

Sampling location: STP-LJMIX

Sampling date: March 06, 2017

Sample name: STP-LJMIX

Sampling hour: 08:10

Sampled by: Jamie Kataluk

Date received: March 07, 2017

Matrix: Waste water

Drinking water distribution: **NA**

Reported on: March 13, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
This report shall not be reproduced except in full without the written authority of the laboratory.



Analytical Report

Lab number: M-117738

Sample name: STP-LJMIX

Sampling location: STP-LJMIX

Sampling date: March 06, 2017

Sampling hour: 08:10

Parameter	Result	Method name	Analysis date
Fecal coliforms	130 CFU/100ml	M-COLI-1,0	March 08, 2017
Total coliforms	> 80 000 CFU/100ml	M-COLI-2,0	March 08, 2017
Atypical colonies	< 1 000 CFU/100ml	M-COLI-2,0	March 08, 2017
Temperature	10.5 °C	M-TEMP-1.0	March 07, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
This report shall not be reproduced except in full without the written authority of the laboratory.



Additional information

Lab number: M-117738

Sample name: STP-LJMIX

Sampling location: STP-LJMIX

Sampling date: March 06, 2017

Sampling hour: 08:10

State of the sample at reception : Temperature under 12°C.

Lab method	Method reference
M-COLI-1,0	MA.700-Ecctmi 1.0
M-COLI-2,0	MA.700-Ecctmi 1.0

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-62906

Sampling location: STP-LJMIX

Sampling date: March 06, 2017

Sample name: STP-LJMIX

Sampling hour: 08:10

Sampled by: Jamie Kataluk

Date received: March 07, 2017

Matrix: Waste Water

Drinking water distribution:

Reported on: March 23, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
This report shall not be reproduced except in full without the written authority of the laboratory.



Analytical Report

Lab number: V-62906

Sample name: STP-LJMIX

Sampling location: STP-LJMIX

Sampling date: March 06, 2017

Sampling hour: 08:10

Parameter	Result	Method name	Analysis date
Ammonia nitrogen (NH ₃ -NH ₄)	2.42 mg N/L	Sous-traitance\Multilab Direct	March 09, 2017
Kjeldahl nitrogen	5.63 mg N/L	Sous-traitance\Multilab Direct	March 10, 2017
BOD-5	10 mg/L	Sous-traitance\Bio-Services Inc.	March 09, 2017
COD	59 mg/L	Sous-traitance\Multilab Direct	March 10, 2017
Total Suspended Solids	8 mg/L	M-SOLI-1.0	March 08, 2017
Ammonia NH ₃ (non-ionized)	<0.01 mg N/L	Sous-traitance\Multilab Direct	March 09, 2017
Nitrate (NO ₃)	15.1 mg N/L	Sous-traitance\Multilab Direct	March 10, 2017
Nitrite (NO ₂)	0.24 mg N/L	Sous-traitance\Multilab Direct	March 10, 2017
pH	6.62	M-TIT-1.0	March 07, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
This report shall not be reproduced except in full without the written authority of the laboratory.



Detection limit

Lab number: V-62906

Sample name: STP-LJMIX

Sampling date: March 06, 2017

Sampling location: STP-LJMIX

Sampling hour: 08:10

Parameter	Value	Unit	Method	Accreditation
Ammonia nitrogen (NH ₃ -NH ₄)	0.01	mg N/L	Sous-traitance	Yes
Kjeldahl nitrogen	0.05	mg N/L	Sous-traitance	Yes
BOD-5	1	mg/L	Sous-traitance	
COD	2	mg/L	Sous-traitance	Yes
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Ammonia NH ₃ (non-ionized)	0.01	mg N/L	Sous-traitance	-
Nitrate (NO ₃)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO ₂)	0.01	mg N/L	Sous-traitance	Yes
pH			M-TIT-1.0	Yes

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

This report shall not be reproduced except in full without the written authority of the laboratory.



Quality control Report

Lab number: V-62906

Sample name: STP-LJMIX

Sampling location: STP-LJMIX

Sampling date: March 06, 2017

Sampling hour: 08:10

Parameter	
Ammonia nitrogen (NH ₃ -NH ₄) m	Blank <0.01
	Standard name DMR-0581-2016-NH ₃ -NH ₄
	Result 2.23
	Accuracy 95.3%
	Limit 1.81 - 2.45
Kjeldahl nitrogen mg N/L	Blank <0.05
	Standard name DMR-0581-2016-NTK
	Result 5.76
	Accuracy 97.5%
	Limit 4.78 - 6.46
COD mg/L	Blank <2
	Standard name Dmr-0119-2017-7-DCO
	Result 53
	Accuracy 96.1%
	Limit 40 - 62
	Sample duplicate 59-60
Total Suspended Solids mg/L	Blank <1
	Standard name STD-MES 250mg/L
	Result 246
	Accuracy 98.4%
	Limit 194 - 306
Ammonia NH ₃ (non-ionized) mg	Blank <0.01
Nitrate (NO ₃) mg N/L	Blank <0.01
Nitrite (NO ₂) mg N/L	Blank <0.01
	Standard name DMR-0052-2017-NO ₂
	Result 1.97
	Accuracy 97.5%
	Limit 1.72 - 2.32
pH	Standard name STD pH 7.0
	Result 7.02
	Accuracy 99.7%
	Limit 6.96 - 7.04

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

This report shall not be reproduced except in full without the written authority of the laboratory.



Additional information

Lab number: V-62906
Sample name: STP-LJMIX
Sampling location: STP-LJMIX

Sampling date: March 06, 2017
Sampling hour: 08:10

Lab method	Method reference
M-NH3-2.0	MA.300-N 2.0
M-DCO-1.0	MA.315-DCO 1.1
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-TIT-1.0	MA.303-Titr Auto 2.0

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: M-117745

Sampling location: STP-SEP-Dup

Sampling date: March 06, 2017

Sample name: STP-SEP-Dup

Sampling hour: 08:05

Sampled by: Jamie Kataluk

Date received: March 07, 2017

Matrix: Waste water

Drinking water distribution: **NA**

Corrected certificate, replacing the certificate M-117745 done on March 13 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
This report shall not be reproduced except in full without the written authority of the laboratory.



Analytical Report

Lab number: M-117745

Sample name: STP-SEP-Dup

Sampling date: March 06, 2017

Sampling location: STP-SEP-Dup

Sampling hour: 08:05

Parameter	Result	Guideline limit	Method name	Analysis date
Fecal coliforms	260 CFU/100ml		M-COLI-1,0	March 08, 2017
Total coliforms	> 80 000 CFU/100ml		M-COLI-2,0	March 08, 2017
Atypical colonies	7 000 CFU/100ml		M-COLI-2,0	March 08, 2017
Temperature	11.5 °C		M-TEMP-1.0	March 07, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

This report shall not be reproduced except in full without the written authority of the laboratory.



Additional information

Lab number: M-117745

Sample name: STP-SEP-Dup

Sampling date: March 06, 2017

Sampling location: STP-SEP-Dup

Sampling hour: 08:05

State of the sample at reception : Temperature under 12°C.

Lab method	Method reference
M-COLI-1,0	MA.700-Ecctmi 1.0
M-COLI-2,0	MA.700-Ecctmi 1.0

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-62909

Sampling location: STP-SEP

Sampling date: March 06, 2017

Sample name: STP-SEP Dup

Sampling hour: 08:05

Sampled by: Jamie Kataluk

Date received: March 07, 2017

Matrix: Waste Water

Drinking water distribution:

Reported on: March 23, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
This report shall not be reproduced except in full without the written authority of the laboratory.



Analytical Report

Lab number: V-62909

Sample name: STP-SEP Dup

Sampling date: March 06, 2017

Sampling location: STP-SEP

Sampling hour: 08:05

Parameter	Result	Method name	Analysis date
Ammonia nitrogen (NH ₃ -NH ₄)	51.8 mg N/L	Sous-traitance\Multilab Direct	March 09, 2017
Kjeldahl nitrogen	47.6 mg N/L	Sous-traitance\Multilab Direct	March 10, 2017
BOD-5	11 mg/L	Sous-traitance\Bio-Services Inc.	March 09, 2017
COD	75 mg/L	Sous-traitance\Multilab Direct	March 10, 2017
Total Suspended Solids	13 mg/L	M-SOLI-1.0	March 08, 2017
Ammonia NH ₃ (non-ionized)	0.8 mg N/L	Sous-traitance\Multilab Direct	March 09, 2017
Nitrate (NO ₃)	1.66 mg N/L	Sous-traitance\Multilab Direct	March 10, 2017
Nitrite (NO ₂)	1.84 mg N/L	Sous-traitance\Multilab Direct	March 10, 2017
pH	7.55	M-TIT-1.0	March 07, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

This report shall not be reproduced except in full without the written authority of the laboratory.



Detection limit

Lab number: V-62909

Sample name: STP-SEP Dup

Sampling date: March 06, 2017

Sampling location: STP-SEP

Sampling hour: 08:05

Parameter	Value	Unit	Method	Accreditation
Ammonia nitrogen (NH ₃ -NH ₄)	0.01	mg N/L	Sous-traitance	Yes
Kjeldahl nitrogen	0.05	mg N/L	Sous-traitance	Yes
BOD-5	1	mg/L	Sous-traitance	
COD	2	mg/L	Sous-traitance	Yes
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Ammonia NH ₃ (non-ionized)	0.01	mg N/L	Sous-traitance	-
Nitrate (NO ₃)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO ₂)	0.01	mg N/L	Sous-traitance	Yes
pH			M-TIT-1.0	Yes

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

This report shall not be reproduced except in full without the written authority of the laboratory.



Quality control Report

Lab number: V-62909

Sample name: STP-SEP Dup

Sampling date: March 06, 2017

Sampling location: STP-SEP

Sampling hour: 08:05

Parameter

Ammonia nitrogen (NH₃-NH₄) m Blank <0.01
Standard name DMR-0581-2016-NH₃-NH₄
Result 2.23
Accuracy 95.3%
Limit 1.81 - 2.45

Kjeldahl nitrogen mg N/L Blank <0.05
Standard name DMR-0581-2016-NTK
Result 5.76
Accuracy 97.5%
Limit 4.78 - 6.46

COD mg/L Blank <2
Standard name Dmr-0119-2017-7-DCO
Result 53
Accuracy 96.1%
Limit 40 - 62

Total Suspended Solids mg/L Blank <1
Standard name STD-MES 250mg/L
Result 246
Accuracy 98.4%
Limit 194 - 306

Ammonia NH₃ (non-ionized) mg Blank <0.01
Nitrate (NO₃) mg N/L Blank <0.01
Nitrite (NO₂) mg N/L Blank <0.01
Standard name DMR-0052-2017-NO₂
Result 1.97
Accuracy 97.5%
Limit 1.72 - 2.32

pH Standard name STD pH 7.0
Result 7.02
Accuracy 99.7%
Limit 6.96 - 7.04

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
This report shall not be reproduced except in full without the written authority of the laboratory.



Additional information

Lab number: V-62909
Sample name: STP-SEP Dup
Sampling location: STP-SEP

Sampling date: March 06, 2017
Sampling hour: 08:05

Lab method	Method reference
M-NH3-2.0	MA.300-N 2.0
M-DCO-1.0	MA.315-DCO 1.1
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-TIT-1.0	MA.303-Titr Auto 2.0

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: M-117740

Sampling location: STP-SEP

Sampling date: March 06, 2017

Sample name: STP-SEP

Sampling hour: 08:05

Sampled by: Jamie Kataluk

Date received: March 07, 2017

Matrix: Waste water

Drinking water distribution: **NA**

Reported on: March 13, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
This report shall not be reproduced except in full without the written authority of the laboratory.



Analytical Report

Lab number: M-117740
Sample name: STP-SEP
Sampling location: STP-SEP

Sampling date: March 06, 2017
Sampling hour: 08:05

Parameter	Result	Method name	Analysis date
Fecal coliforms	120 CFU/100ml	M-COLI-1,0	March 08, 2017
Total coliforms	> 8 000 CFU/100ml	M-COLI-2,0	March 08, 2017
Atypical colonies	< 100 CFU/100ml	M-COLI-2,0	March 08, 2017
Temperature	11.5 °C	M-TEMP-1.0	March 07, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
This report shall not be reproduced except in full without the written authority of the laboratory.



Additional information

Lab number: M-117740

Sample name: STP-SEP

Sampling location: STP-SEP

Sampling date: March 06, 2017

Sampling hour: 08:05

State of the sample at reception : Temperature under 12°C.

Lab method	Method reference
M-COLI-1,0	MA.700-Ecctmi 1.0
M-COLI-2,0	MA.700-Ecctmi 1.0

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-62908

Sampling location: STP-SEP

Sampling date: March 06, 2017

Sample name: STP-SEP

Sampling hour: 08:05

Sampled by: Jamie Kataluk

Date received: March 07, 2017

Matrix: Waste Water

Drinking water distribution:

Reported on: March 23, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
This report shall not be reproduced except in full without the written authority of the laboratory.



Analytical Report

Lab number: V-62908

Sample name: STP-SEP

Sampling location: STP-SEP

Sampling date: March 06, 2017

Sampling hour: 08:05

Parameter	Result	Method name	Analysis date
Ammonia nitrogen (NH ₃ -NH ₄)	52.2 mg N/L	Sous-traitance\Multilab Direct	March 09, 2017
Kjeldahl nitrogen	49.5 mg N/L	Sous-traitance\Multilab Direct	March 10, 2017
BOD-5	17 mg/L	Sous-traitance\Bio-Services Inc.	March 09, 2017
COD	74 mg/L	Sous-traitance\Multilab Direct	March 10, 2017
Total Suspended Solids	13 mg/L	M-SOLI-1.0	March 08, 2017
Ammonia NH ₃ (non-ionized)	0.77 mg N/L	Sous-traitance\Multilab Direct	March 09, 2017
Nitrate (NO ₃)	1.8 mg N/L	Sous-traitance\Multilab Direct	March 10, 2017
Nitrite (NO ₂)	1.81 mg N/L	Sous-traitance\Multilab Direct	March 10, 2017
pH	7.56	M-TIT-1.0	March 07, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

This report shall not be reproduced except in full without the written authority of the laboratory.



Detection limit

Lab number: V-62908

Sample name: STP-SEP

Sampling location: STP-SEP

Sampling date: March 06, 2017

Sampling hour: 08:05

Parameter	Value	Unit	Method	Accreditation
Ammonia nitrogen (NH ₃ -NH ₄)	0.01	mg N/L	Sous-traitance	Yes
Kjeldahl nitrogen	0.05	mg N/L	Sous-traitance	Yes
BOD-5	1	mg/L	Sous-traitance	
COD	2	mg/L	Sous-traitance	Yes
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Ammonia NH ₃ (non-ionized)	0.01	mg N/L	Sous-traitance	-
Nitrate (NO ₃)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO ₂)	0.01	mg N/L	Sous-traitance	Yes
pH			M-TIT-1.0	Yes

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

This report shall not be reproduced except in full without the written authority of the laboratory.



Quality control Report

Lab number: V-62908

Sample name: STP-SEP

Sampling location: STP-SEP

Sampling date: March 06, 2017

Sampling hour: 08:05

Parameter

Ammonia nitrogen (NH₃-NH₄) m Blank <0.01
Standard name DMR-0581-2016-NH₃-NH₄
Result 2.23
Accuracy 95.3%
Limit 1.81 - 2.45

Kjeldahl nitrogen mg N/L Blank <0.05
Standard name DMR-0581-2016-NTK
Result 5.76
Accuracy 97.5%
Limit 4.78 - 6.46

COD mg/L Blank <2
Standard name Dmr-0119-2017-7-DCO
Result 53
Accuracy 96.1%
Limit 40 - 62

Total Suspended Solids mg/L Blank <1
Standard name STD-MES 250mg/L
Result 246
Accuracy 98.4%
Limit 194 - 306

Ammonia NH₃ (non-ionized) mg Blank <0.01
Nitrate (NO₃) mg N/L Blank <0.01
Nitrite (NO₂) mg N/L Blank <0.01
Standard name DMR-0052-2017-NO₂
Result 1.97
Accuracy 97.5%
Limit 1.72 - 2.32

pH Standard name STD pH 7.0
Result 7.02
Accuracy 99.7%
Limit 6.96 - 7.04

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
This report shall not be reproduced except in full without the written authority of the laboratory.



Additional information

Lab number: V-62908
Sample name: STP-SEP
Sampling location: STP-SEP

Sampling date: March 06, 2017
Sampling hour: 08:05

Lab method	Method reference
M-NH3-2.0	MA.300-N 2.0
M-DCO-1.0	MA.315-DCO 1.1
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-TIT-1.0	MA.303-Titr Auto 2.0

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
This report shall not be reproduced except in full without the written authority of the laboratory.



Certificate # : RNM100441

Client #: 990

Client Reference : N/A

CERTIFICATE OF ANALYSIS

Agnico Eagle Division Meadowbank

General Delivery

Baker Lake

Nunavut X0C 0A0

N° téléphone : (604) 677-0689

Sample # : RNM200463

Matrix : Waste Water

Received on : 2017-04-04

Sampled on : 2017-04-03 8:0

Sample's conditions at reception : Conforme (12.0°C)

Sampling site : STP-IN

Sampler : Fanny L

Parameter (method)	Result	Unit	Norm/ Recommendation	Date of analysis
Fecal coliforms (M-COLI-1.0) a 1	2900000	UFC/100 mL		2017-04-05
Total coliforms (M-COLI-2.0) a 1	67000000	UFC/100 mL		2017-04-05
Atypical colonies (M-COLI-2.0) 1	52000000	UFC/100 mL		2017-04-05

Legend :

a : Paramètre(s) accrédité(s) UFC : Unités formatrices des colonies

1 : analyse effectuée au laboratoire H2Lab à Rouyn-Noranda

The sample's appreciation and conformity towards established norms, if applicable, is based and limited to analyzed parameters. This report can't be reproduced, unless in whole, without prior written authorization from the laboratory. The results are related only to samples submitted for testing.

Certificate emission date: 2017-04-11

Page 1 of 1



Certificate # : RNM100442

Client #: 990

Client Reference : N/A

CERTIFICATE OF ANALYSIS

Agnico Eagle Division Meadowbank

General Delivery

Baker Lake

Nunavut X0C 0A0

N° téléphone : (604) 677-0689

Sample # : RNM200464

Matrix : Waste Water

Received on : 2017-04-04

Sampled on : 2017-04-03 8:5

Sample's conditions at reception : Conforme (14.5°C)

Sampling site : STP-LJMIX

Sampler : Fanny L

Parameter (method)	Result	Unit	Norm/ Recommendation	Date of analysis
Fecal coliforms (M-COLI-1.0) a 1	190	UFC/100 mL		2017-04-05
Total coliforms (M-COLI-2.0) a 1	14000	UFC/100 mL		2017-04-05
Atypical colonies (M-COLI-2.0) 1	48000	UFC/100 mL		2017-04-05

Legend :

a : Paramètre(s) accrédité(s) UFC : Unités formatrices des colonies

1 : analyse effectuée au laboratoire H2Lab à Rouyn-Noranda

The sample's appreciation and conformity towards established norms, if applicable, is based and limited to analyzed parameters. This report can't be reproduced, unless in whole, without prior written authorization from the laboratory. The results are related only to samples submitted for testing.

Certificate emission date: 2017-04-11

Page 1 of 1



Certificate # : RNM100443

Client #: 990

Client Reference : N/A

CERTIFICATE OF ANALYSIS

Agnico Eagle Division Meadowbank

General Delivery

Baker Lake

Nunavut X0C 0A0

N° téléphone : (604) 677-0689

Sample # : RNM200465

Matrix : Waste Water

Received on : 2017-04-04

Sampled on : 2017-04-03 8:10

Sample's conditions at reception : Conforme (11.5°C)

Sampling site : STP-SEP

Sampler : Fanny L

Parameter (method)	Result	Unit	Norm/ Recommendation	Date of analysis
Fecal coliforms (M-COLI-1.0) a 1	80	UFC/100 mL		2017-04-05
Total coliforms (M-COLI-2.0) a 1	>8000	UFC/100 mL		2017-04-05
Atypical colonies (M-COLI-2.0) 1	1000	UFC/100 mL		2017-04-05

Legend :

a : Paramètre(s) accrédité(s) UFC : Unités formatrices des colonies

1 : analyse effectuée au laboratoire H2Lab à Rouyn-Noranda

The sample's appreciation and conformity towards established norms, if applicable, is based and limited to analyzed parameters. This report can't be reproduced, unless in whole, without prior written authorization from the laboratory. The results are related only to samples submitted for testing.

Certificate emission date: 2017-04-11

Page 1 of 1



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Certificate # : RNM101154

Client #: 990

Client Reference : STP-IN

CERTIFICATE OF ANALYSIS

Agnico Eagle Division Meadowbank

General Delivery
Baker Lake
Nunavut X0C 0A0
Phone number : (604) 677-0689

Sample # : M201178 (STP-IN)

Matrix : Waste Water
Received on : 2017-05-02
Sampled on : 2017-05-01 7:45
Sampling site : STP-IN
Sampler : Martin T.

Parameter (laboratory method)	Method of reference	Result	Detection Limit	Unit	Norm/ Recom.	Date of analysis
Fecal coliforms (M-COLI-1.0) a 1		2 800 000	0	UFC/100 mL	-	2017-05-03
Atypical colonies (M-COLI-2.0) 1		> 200 000 000	0	UFC/100 mL	-	2017-05-03
Total coliforms (M-COLI-2.0) a 1		ND	0	UFC/100 mL	-	2017-05-03

Legend :

UFC : Colony-forming units a : Parameter(s) accredited 1 : analysis made by H2Lab Laboratory at Rouyn-Noranda

Remarks :

ND : The great number of bacteria restrain distinction of total coliforms and atypical colonies. Number of total coliforms maybe misjudged; it is not mentioned

The sample's appreciation and conformity towards established norms, if applicable, is based and limited to analyzed parameters. This report can't be reproduced, unless in whole, without prior written authorization from the laboratory. The results are related only to samples submitted for testing.



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Certificate # : VD000792

Client # : 990

Client Reference : STP-IN

CERTIFICATE OF ANALYSIS

Agnico Eagle Division Meadowbank

General Delivery
 Baker Lake
 Nunavut X0C 0A0
 Phone number : (604) 677-0689

Sample # : B101082 (STP-IN)

Matrix : Water
 Received on : 2017-05-02
 Sampled on : 2017-05-01 7:45
 Sampling site : STP-IN
 Sampler : Martin T.

Parameter (laboratory method)	Method of reference	Result	Detection Limit	Unit	Norm/ Recom.	Date of analysis
BOD-5 (LBS-DBO-399-A) a 3		134	0	mg/L	-	2017-05-10
COD (M-DCO-1.0) a 1		461	2	mg/L		2017-05-04
Ammonia nitrogen (NH ₃ -NH ₄) (M-NH ₃ -2.0) a 1		76,94	0,01	mg N/L		2017-05-04
NH ₃ (Unionized) (M-NH ₃ -2.0 (Caculé)) a 1		0,49	0,01	mg N/L		2017-05-04
Nitrate (NO ₃) (M-NITR-2.0) a 1		0,01	0,01	mg N/L		2017-05-03
Nitrite (NO ₂) (M-NITR-2.0) a 1		0,02	0,01	mg N/L		2017-05-03
Kjeldahl nitrogen (M-NTK-1.0) a 1		92,41	0,05	mg N/L		2017-05-12
Total phosphorus (P) (M-P-3.0) a 1		12,30	0,01	mg P/L		2017-05-05
Total suspended solids (M-SOLI-1.0) a 2		93	1	mg/L		2017-05-03

Blank

Parameter	Result
COD	<2
Kjeldahl nitrogen	< 0,05
Total phosphorus (P)	< 0,01
Total suspended solids	< 1

Reference material

Material	Reference	Parameter	Result	Expected value
Dmr-0188-2017-9-DCO		COD	52	51
DMR-0188-2017-NTK	DMR-0188-2017-NKjeldahl nitrogen		5,95	5.62
DMR-0188-2017-Ptotal		Total phosphorus (P)	1,03	1.17
STD-MES 25mg/L		Total suspended solids	27	25

Legend :

a : Parameter(s) accredited
 1 : analysis made by H2Lab Laboratory at Rouyn-Noranda 3 : analysis made by H2Lab Laboratory at Sainte-Agathe-des-Monts 2 : analysis made by H2Lab Laboratory at Val d'Or

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Certificate # : RNM101155

Client #: 990

Client Reference : STP-LJMIX

CERTIFICATE OF ANALYSIS

Agnico Eagle Division Meadowbank

General Delivery
Baker Lake
Nunavut X0C 0A0
Phone number : (604) 677-0689

Sample # : M201179 (STP-LJMIX)

Matrix : Waste Water
Received on : 2017-05-02
Sampled on : 2017-05-01 7:45
Sampling site : STP-LJMIX
Sampler : Martin T.

Parameter (laboratory method)	Method of reference	Result	Detection Limit	Unit	Norm/ Recom.	Date of analysis
Fecal coliforms (M-COLI-1.0) a 1		320	0	UFC/100 mL	-	2017-05-03
Atypical colonies (M-COLI-2.0) 1		< 1 000	0	UFC/100 mL	-	2017-05-03
Total coliforms (M-COLI-2.0) a 1		54 000	0	UFC/100 mL	-	2017-05-03

Legend :

UFC : Colony-forming units a : Parameter(s) accredited 1 : analysis made by H2Lab Laboratory at Rouyn-Noranda

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Certificate # : VD000793

Client # : 990

Client Reference : STP-LJMIX

CERTIFICATE OF ANALYSIS

Agnico Eagle Division Meadowbank

General Delivery
 Baker Lake
 Nunavut X0C 0A0
 Phone number : (604) 677-0689

Sample # : B101083 (STP-LJMIX)

Matrix : Water
 Received on : 2017-05-02
 Sampled on : 2017-05-01 7:45
 Sampling site : STP-LJMIX
 Sampler : Martin T.

Parameter (laboratory method)	Method of reference	Result	Detection Limit	Unit	Norm/ Recom.	Date of analysis
BOD-5 (LBS-DBO-399-A) a 3		8	0	mg/L	-	2017-05-10
COD (M-DCO-1.0) a 1		54	2	mg/L		2017-05-04
Ammonia nitrogen (NH3-NH4) (M-NH3-2.0) a 1		10,10	0,01	mg N/L		2017-05-04
NH3 (Unionized) (M-NH3-2.0 (Caculé)) a 1		0,02	0,01	mg N/L		2017-05-04
Nitrate (NO3) (M-NITR-2.0) a 1		17,0	0,01	mg N/L		2017-05-03
Nitrite (NO2) (M-NITR-2.0) a 1		0,24	0,01	mg N/L		2017-05-03
Kjeldahl nitrogen (M-NTK-1.0) a 1		13,55	0,05	mg N/L		2017-05-12
Total phosphorus (P) (M-P-3.0) a 1		11,50	0,01	mg P/L		2017-05-05
Total suspended solids (M-SOLI-1.0) a 2		17	1	mg/L		2017-05-03

Blank

Parameter	Result
COD	<2
Kjeldahl nitrogen	< 0,05
Total phosphorus (P)	< 0,01
Total suspended solids	< 1

Reference material

Material	Reference	Parameter	Result	Expected value
Dmr-0188-2017-9-DCO		COD	52	51
DMR-0188-2017-NTK	DMR-0188-2017-NKjeldahl nitrogen		5,95	5.62
DMR-0188-2017-Ptotal		Total phosphorus (P)	1,03	1.17
STD-MES 25mg/L		Total suspended solids	27	25

Legend :

a : Parameter(s) accredited
 Sainte-Agathe-des-Monts 1 : analysis made by H2Lab Laboratory at Rouyn-Noranda 2 : analysis made by H2Lab Laboratory at Val d'Or 3 : analysis made by H2Lab Laboratory at

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Certificate # : VD000794

Client # : 990

Client Reference : STP-SEP

CERTIFICATE OF ANALYSIS

Agnico Eagle Division Meadowbank

General Delivery
Baker Lake
Nunavut X0C 0A0
Phone number : (604) 677-0689

Sample # : B101084 (STP-SEP)

Matrix : Water
Received on : 2017-05-02
Sampled on : 2017-05-01 7:45
Sampling site : STP-SEP
Sampler : Martin T.

Parameter (laboratory method)	Method of reference	Result	Detection Limit	Unit	Norm/ Recom.	Date of analysis
BOD-5 (LBS-DBO-399-A) a 3		10	0	mg/L	-	2017-05-10
COD (M-DCO-1.0) a 1		62	2	mg/L		2017-05-04
Ammonia nitrogen (NH ₃ -NH ₄) (M-NH ₃ -2.0) a 1		44,29	0,01	mg N/L		2017-05-04
NH ₃ (Unionized) (M-NH ₃ -2.0 (Calculé)) a 1		0,55	0,01	mg N/L		2017-05-04
Nitrate (NO ₃) (M-NITR-2.0) a 1		2,31	0,01	mg N/L		2017-05-03
Nitrite (NO ₂) (M-NITR-2.0) a 1		1,81	0,01	mg N/L		2017-05-03
Kjeldahl nitrogen (M-NTK-1.0) a 1		50,87	0,05	mg N/L		2017-05-12
Total phosphorus (P) (M-P-3.0) a 1		11,40	0,01	mg P/L		2017-05-05
Total suspended solids (M-SOLI-1.0) a 2		20	1	mg/L		2017-05-03

Blank

Parameter	Result
COD	<2
Kjeldahl nitrogen	< 0,05
Total phosphorus (P)	< 0,01
Total suspended solids	< 1

Reference material

Material	Reference	Parameter	Result	Expected value
Dmr-0188-2017-9-DCO		COD	52	51
DMR-0188-2017-NTK	DMR-0188-2017-NKjeldahl nitrogen		5,95	5.62
DMR-0188-2017-Ptotal		Total phosphorus (P)	1,03	1.17
STD-MES 25mg/L		Total suspended solids	22	25

Duplicate result

Sample	Parameter	Result	Duplicate Result
B101084	Kjeldahl nitrogen	50,87	50,74

Legend :

a : Parameter(s) accredited Val d'Or 1 : analysis made by H2Lab Laboratory at Rouyn-Noranda 3 : analysis made by H2Lab Laboratory at Sainte-Agathe-des-Monts 2 : analysis made by H2Lab Laboratory at



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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-61924

Sampling location: ST-8/ST-MMER-3/N65 01°11.2 N96 02'32.0

Sampling date: January 03, 2017

Sample name: ST-MMER-3

Sampling hour: 08:00

Sampled by: Tom T/Randy S

Date received: January 05, 2017

Matrix: Water

Drinking water distribution:

Reported on: January 06, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Lab number: V-61924

Sample name: ST-MMER-3

Sampling date: January 03, 2017

Sampling location: ST-8/ST-MMER-3/N65 01'11.2 N96 02'32.0

Sampling hour: 08:00

Parameter	Result	Method name	Analysis date
Total Suspended Solids	11 mg/L	M-SOLI-1.0	January 06, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Detection limit

Lab number: V-61924

Sample name: ST-MMER-3

Sampling date: January 03, 2017

Sampling location: ST-8/ST-MMER-3/N65 01'11.2 N96 02'32.0

Sampling hour: 08:00

Parameter	Value	Unit	Method	Accreditation
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Quality control Report

Lab number: V-61924

Sample name: ST-MMER-3

Sampling date: January 03, 2017

Sampling location: ST-8/ST-MMER-3/N65 01'11.2 N96 02'32.0

Sampling hour: 08:00

Parameter

Total Suspended Solids mg/L Blank <1
 Standard name STD-MES 250mg/L
 Result 226
 Accuracy 90.4%
 Limit 194 - 306

Total Suspended Solids mg/L Standard name STD-MES 25mg/L
 Result 22
 Accuracy 88%
 Limit 19 - 31

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Additional information

Lab number: V-61924

Sample name: ST-MMER-3

Sampling location: ST-8/ST-MMER-3/N65 01'11.2 N96 02'32.0

Sampling date: January 03, 2017

Sampling hour: 08:00

Lab method	Method reference
M-SOLI-1.0	MA.104-S.S. 1.1

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-61925

Sampling location: ST-S-5

Sampling date: January 03, 2017

Sample name: ST-S-5

Sampling hour: 08:15

Sampled by: Tom T/Randy S

Date received: January 05, 2017

Matrix: Water

Drinking water distribution:

Reported on: January 13, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Lab number: V-61925

Sample name: ST-S-5

Sampling location: ST-S-5

Sampling date: January 03, 2017

Sampling hour: 08:15

Parameter	Result	Method name	Analysis date
Alkalinity	130 mg CaCO ₃ /L	M-TIT-1.0	January 05, 2017
Aluminium (Al)	0.023 mg/L	Sous-traitance\Multilab Direct	January 06, 2017
Dissolved Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	January 06, 2017
Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	January 06, 2017
Dissolved Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	January 06, 2017
Arsenic (As)	0.0563 mg/L	Sous-traitance\Multilab Direct	January 06, 2017
Dissolved Arsenic (As)	0.0233 mg/L	Sous-traitance\Multilab Direct	January 06, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	28.8 mg N/L	Sous-traitance\Multilab Direct	January 09, 2017
Barium (Ba)	0.0314 mg/L	Sous-traitance\Multilab Direct	January 06, 2017
Dissolved Barium (Ba)	0.0272 mg/L	Sous-traitance\Multilab Direct	January 06, 2017
Cadmium (Cd)	0.00134 mg/L	Sous-traitance\Multilab Direct	January 06, 2017
Dissolved Cadmium (Cd)	0.00131 mg/L	Sous-traitance\Multilab Direct	January 06, 2017
Chloride	482 mg/L	Sous-traitance\Multilab Direct	January 12, 2017
Chrome (Cr)	0.0015 mg/L	Sous-traitance\Multilab Direct	January 06, 2017
Dissolved Chromium (Cr)	0.0015 mg/L	Sous-traitance\Multilab Direct	January 06, 2017
Copper (Cu)	0.0074 mg/L	Sous-traitance\Multilab Direct	January 06, 2017
Dissolved Copper (Cu)	0.0092 mg/L	Sous-traitance\Multilab Direct	January 06, 2017
Cyanide W.A.D.	0.058 mg/L	Sous-traitance\Multilab Direct	January 12, 2017
Total Cyanide (CNT)	0.100 mg/L	Sous-traitance\Multilab Direct	January 12, 2017
Hardness	1222 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	January 06, 2017
Iron (Fe)	2.68 mg/L	Sous-traitance\Multilab Direct	January 06, 2017
Dissolved Iron (Fe)	0.07 mg/L	Sous-traitance\Multilab Direct	January 06, 2017
Fluoride (F)	0.46 mg/L	Sous-traitance\Multilab Direct	January 10, 2017
Total Suspended Solids	4 mg/L	M-SOLI-1.0	January 06, 2017
Manganese (Mn)	2.358 mg/L	Sous-traitance\Multilab Direct	January 06, 2017
Dissolved Manganese (Mn)	2.261 mg/L	Sous-traitance\Multilab Direct	January 06, 2017
Mercury (Hg)	<0.0001 mg/L	Sous-traitance\Multilab Direct	January 11, 2017
Dissolved Mercury (Hg)	<0.0001 mg/L	Sous-traitance\Multilab Direct	January 11, 2017
Molybdenum (Mo)	0.3593 mg/L	Sous-traitance\Multilab Direct	January 06, 2017
Dissolved Molybdenum (Mo)	0.3338 mg/L	Sous-traitance\Multilab Direct	January 06, 2017
Ammonia NH ₃ (non-ionized)	0.37 mg N/L	Sous-traitance\Multilab Direct	January 09, 2017
Nickel (Ni)	0.0209 mg/L	Sous-traitance\Multilab Direct	January 06, 2017
Dissolved Nickel (Ni)	0.0211 mg/L	Sous-traitance\Multilab Direct	January 06, 2017
Nitrate (NO ₃)	<0.01 mg N/L	Sous-traitance\Multilab Direct	January 06, 2017
Nitrite (NO ₂)	0.01 mg N/L	Sous-traitance\Multilab Direct	January 06, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	January 06, 2017
Dissolved Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	January 06, 2017
Selenium (Se)	0.026 mg/L	Sous-traitance\Multilab Direct	January 06, 2017
Dissolved Selenium (Se)	0.037 mg/L	Sous-traitance\Multilab Direct	January 06, 2017
Dissolved Solids	2814 mg/L	M-TIT-1.0	January 05, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Analytical Report

Lab number: V-61925

Sample name: ST-S-5

Sampling location: ST-S-5

Sampling date: January 03, 2017

Sampling hour: 08:15

Parameter	Result	Method name	Analysis date
Sulfate (SO ₄)	1913 mg SO ₄ /L	Sous-traitance\Multilab Direct	January 11, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	January 06, 2017
Dissolved thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	January 06, 2017
Zinc (Zn)	0.007 mg/L	Sous-traitance\Multilab Direct	January 06, 2017
Dissolved Zinc	0.008 mg/L	Sous-traitance\Multilab Direct	January 06, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Detection limit

Lab number: V-61925

Sample name: ST-S-5

Sampling location: ST-S-5

Sampling date: January 03, 2017

Sampling hour: 08:15

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO ₃ /L	M-TIT-1.0	
Aluminium (Al)	0.006	mg/L	Sous-traitance	
Dissolved Aluminium (Al)	0.006	mg/L	Sous-traitance	
Silver (Ag)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Silver (Ag)	0.0001	mg/L	Sous-traitance	
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Arsenic (As)	0.0005	mg/L	Sous-traitance	
Ammonia nitrogen (NH ₃ -NH ₄)	0.01	mg N/L	Sous-traitance	Yes
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Barium (Ba)	0.0005	mg/L	Sous-traitance	
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Dissolved Cadmium (Cd)	0.00002	mg/L	Sous-traitance	
Chloride	0.5	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Dissolved Chromium (Cr)	0.0006	mg/L	Sous-traitance	
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Copper (Cu)	0.0005	mg/L	Sous-traitance	
Cyanide W.A.D.	0.001	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO ₃ /L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes
Dissolved Iron (Fe)	0.01	mg/L	Sous-traitance	
Fluoride (F)	0.02	mg/L	Sous-traitance	Yes
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Manganese (Mn)	0.0005	mg/L	Sous-traitance	
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Dissolved Mercury (Hg)	0.00001	mg/L	Sous-traitance	
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	
Ammonia NH ₃ (non-ionized)	0.01	mg N/L	Sous-traitance	-
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Nickel (Ni)	0.0005	mg/L	Sous-traitance	
Nitrate (NO ₃)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO ₂)	0.01	mg N/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Dissolved Lead (Pb)	0.0003	mg/L	Sous-traitance	
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Dissolved Selenium (Se)	0.001	mg/L	Sous-traitance	
Dissolved Solids	1	mg/L	M-TIT-1.0	

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Detection limit

Lab number: V-61925

Sample name: ST-S-5

Sampling location: ST-S-5

Sampling date: January 03, 2017

Sampling hour: 08:15

Parameter	Value	Unit	Method	Accreditation
Sulfate (SO4)	0.6	mg SO4/L	Sous-traitance	Yes
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Dissolved thallium (Tl)	0.0008	mg/L	Sous-traitance	
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes
Dissolved Zinc	0.001	mg/L	Sous-traitance	

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Quality control Report

Lab number: V-61925

Sample name: ST-S-5

Sampling location: ST-S-5

Sampling date: January 03, 2017

Sampling hour: 08:15

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 141 Accuracy 97.2% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006
	Standard name DMR-0614-2016-Eu Result 7.04 Accuracy 87.7% Limit 5.02 - 7.52
Dissolved Aluminium (Al) mg/L	Blank <0.006
	Standard name DMR-0614-2016-Eu Result 6.06 Accuracy 96.7% Limit 5.02 - 7.52
Silver (Ag) mg/L	Blank <0.0001
	Standard name DMR-0175-2016-Ag Result 0.7083 Accuracy 97.8% Limit 0.579 - 0.869
Dissolved Silver (Ag) mg/L	Blank <0.0001
	Standard name DMR-0175-2016-Ag Result 0.6871 Accuracy 94.9% Limit 0.579 - 0.869
Arsenic (As) mg/L	Blank <0.0005
	Standard name DMR-0614-2016-Eu Result 0.3520 Accuracy 76.1% Limit 0.199 - 0.369
Dissolved Arsenic (As) mg/L	Blank <0.0005
	Standard name DMR-0614-2016-Eu Result 0.3634 Accuracy 72% Limit 0.199 - 0.369
Ammonia nitrogen (NH ₃ -NH ₄) m	Blank <0.01
	Standard name DMR-0564-2016-NH ₃ Result 2.27 Accuracy 93.4% Limit 1.81 - 2.45
Barium (Ba) mg/L	Blank <0.0005

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Quality control Report

Lab number: V-61925
Sample name: ST-S-5
Sampling location: ST-S-5
Sampling date: January 03, 2017
Sampling hour: 08:15

Parameter	
	Standard name DMR-0614-2016-Eu
	Result 2.798
	Accuracy 84.9%
	Limit 1.94 - 2.92
Dissolved Barium (Ba) mg/L	Blank <0.0005
	Standard name DMR-0614-2016-Eu
	Result 2.504
	Accuracy 97%
	Limit 1.94 - 2.92
Cadmium (Cd) mg/L	Blank <0.00002
	Standard name DMR-0614-2016-Eu
	Result 0.95356
	Accuracy 94.2%
	Limit 0.721 - 1.081
Dissolved Cadmium (Cd) mg/L	Blank <0.00002
	Standard name DMR-0614-2016-Eu
	Result 0.94187
	Accuracy 95.5%
	Limit 0.721 - 1.081
Chloride mg/L	Blank <0.5
	Standard name DMR-0634-2016-CI
	Result 96.2
	Accuracy 89.1%
	Limit 95 - 121
Chrome (Cr) mg/L	Blank <0.0006
	Standard name DMR-0614-2016-Eu
	Result 4.057
	Accuracy 99.8%
	Limit 3.24 - 4.86
Dissolved Chromium (Cr) mg/L	Blank <0.0006
	Standard name DMR-0614-2016-Eu
	Result 3.779
	Accuracy 93.3%
	Limit 3.24 - 4.86
Copper (Cu) mg/L	Blank <0.0005
	Standard name DMR-0614-2016-Eu
	Result 1.393
	Accuracy 91.2%
	Limit 1.02 - 1.54
Dissolved Copper (Cu) mg/L	Blank <0.0005

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Quality control Report

Lab number: V-61925
Sample name: ST-S-5
Sampling location: ST-S-5
Sampling date: January 03, 2017
Sampling hour: 08:15

Parameter	
	Standard name DMR-0614-2016-Eu
	Result 1.412
	Accuracy 89.7%
	Limit 1.02 - 1.54
Cyanide W.A.D. mg/L	Blank <0.001
	Standard name Cep-34 E04
	Result 0.775
	Accuracy 96%
	Limit 0.686 - 0.928
Total Cyanide (CNT) mg/L	Blank <0.001
	Standard name Cep-34 E04
	Result 0.877
	Accuracy 94.8%
	Limit 0.786 - 1.064
Iron (Fe) mg/L	Blank <0.01
	Standard name DMR-0614-2016-Eu
	Result 12.9
	Accuracy 86.8%
	Limit 9.1 - 13.7
Dissolved Iron (Fe) mg/L	Blank <0.01
	Standard name DMR-0614-2016-Eu
	Result 13.2
	Accuracy 84.2%
	Limit 9.1 - 13.7
Fluoride (F) mg/L	Blank <0.02
	Standard name DMR-0634-2016-F
	Result 2.35
	Accuracy 98.3%
	Limit 2.14 - 2.48
Total Suspended Solids mg/L	Standard name STD-MES 25mg/L
	Result 22
	Accuracy 88%
	Limit 19 - 31
Total Suspended Solids mg/L	Blank <1
	Standard name STD-MES 250mg/L
	Result 226
	Accuracy 90.4%
	Limit 194 - 306
Manganese (Mn) mg/L	Blank <0.0005
	Standard name DMR-0614-2016-Eu

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Quality control Report

Lab number: V-61925
Sample name: ST-S-5
Sampling location: ST-S-5

Sampling date: January 03, 2017
Sampling hour: 08:15

Parameter	
Dissolved Manganese (Mn) mg/L	Result 3.566
	Accuracy 91.4%
	Limit 3.12 - 4.68
	Blank <0.0005
	Standard name DMR-0614-2016-Eu
Mercury (Hg) mg/L	Result 3.663
	Accuracy 93.9%
	Limit 3.12 - 4.68
	Blank <0.00001
	Standard name DMR-0634-2016-HgEu
Dissolved Mercury (Hg) mg/L	Result 0.00055
	Accuracy 83.3%
	Limit 0.00040 - 0.00092
	Blank <0.00001
	Standard name DMR-0634-2016-HgEu
Molybdenum (Mo) mg/L	Result 0.00060
	Accuracy 90.9%
	Limit 0.00040 - 0.00092
	Blank <0.0005
	Standard name DMR-0614-2016-Eu
Dissolved Molybdenum (Mo) mg/L	Result 0.6201
	Accuracy 87.6%
	Limit 0.566 - 0.850
	Blank <0.0005
	Standard name DMR-0614-2016-Eu
Ammonia NH3 (non-ionized) mg	Result 0.6375
	Accuracy 90%
	Limit 0.566 - 0.850
	Blank <0.01
	Standard name DMR-0614-2016-Eu
Dissolved Nickel (Ni) mg/L	Result 1.220
	Accuracy 93%
	Limit 0.91 - 1.37
	Blank <0.0005
	Standard name DMR-0614-2016-Eu
Nitrate (NO3) mg N/L	Result 1.165
	Accuracy 97.8%
	Limit 0.91 - 1.37
	Blank <0.01
	Standard name DMR-0614-2016-Eu

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Quality control Report

Lab number: V-61925

Sample name: ST-S-5

Sampling location: ST-S-5

Sampling date: January 03, 2017

Sampling hour: 08:15

Parameter	
Nitrite (NO ₂) mg N/L	Blank <0.01 Standard name DMR-0634-2016-NO2 Result 1.98 Accuracy 98% Limit 1.72 - 2.32
Lead (Pb) mg/L	Blank <0.0003 Standard name DMR-0614-2016-Eu Result 0.9147 Accuracy 98.7% Limit 0.722 - 1.084
Dissolved Lead (Pb) mg/L	Blank <0.0003 Standard name DMR-0614-2016-Eu Result 0.9113 Accuracy 99.1% Limit 0.722 - 1.084
Selenium (Se) mg/L	Blank <0.001 Standard name DMR-0614-2016-Eu Result 1.53 Accuracy 86.7% Limit 1.08 - 1.62
Dissolved Selenium (Se) mg/L	Blank <0.001 Standard name DMR-0614-2016-Eu Result 1.48 Accuracy 90.4% Limit 1.08 - 1.62
Sulfate (SO ₄) mg SO ₄ /L	Blank <0.6 Standard name DMR-0634-2016-SO4 Result 122 Accuracy 99.2% Limit 111 - 135
Thallium (TI) mg/L	Blank <0.0008 Standard name TI-S140909023-1000ppm Result 927 Accuracy 92.7% Limit 800 - 1200
Dissolved thallium (TI) mg/L	Blank <0.0008 Standard name TI-S140909023-1000ppm Result 942 Accuracy 94.2% Limit 800 - 1200

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Quality control Report

Lab number: V-61925

Sample name: ST-S-5

Sampling location: ST-S-5

Sampling date: January 03, 2017

Sampling hour: 08:15

Parameter

Zinc (Zn) mg/L	Blank <0.001 Standard name DMR-0614-2016-Eu Result 4.71 Accuracy 96.7% Limit 3.65 - 5.47
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Dissolved Zinc mg/L	Blank <0.001 Standard name DMR-0614-2016-Eu Result 4.62 Accuracy 98.7% Limit 3.65 - 5.47
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Additional information

Lab number: V-61925
Sample name: ST-S-5
Sampling location: ST-S-5

Sampling date: January 03, 2017
Sampling hour: 08:15

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-NH3-2.0	MA.300-N 2.0
M-CL-2.0	MA.300-Ions 1.3
M-CN-1.0	MA.300-CN 1.2
M-CI-1.0	MA.300-Anions 1.0
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-SULF-2.0	MA.300-Ions 1.3

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-61926

Sampling location: ST-21 South

Sampling date: January 03, 2017

Sample name: ST-21 South

Sampling hour: 08:30

Sampled by: Tom T/Randy S

Date received: January 05, 2017

Matrix: Waste Water

Drinking water distribution:

Reported on: January 20, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

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Analytical Report

Lab number: V-61926

Sample name: ST-21 South

Sampling location: ST-21 South

Sampling date: January 03, 2017

Sampling hour: 08:30

Parameter	Result	Method name	Analysis date
Alkalinity	134 mg CaCO ₃ /L	M-TIT-1.0	January 05, 2017
Aluminium (Al)	0.062 mg/L	Sous-traitance\Multilab Direct	January 06, 2017
Dissolved Aluminium (Al)	0.037 mg/L	Sous-traitance\Multilab Direct	January 06, 2017
Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	January 06, 2017
Dissolved Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	January 06, 2017
Arsenic (As)	0.0134 mg/L	Sous-traitance\Multilab Direct	January 06, 2017
Dissolved Arsenic (As)	0.0142 mg/L	Sous-traitance\Multilab Direct	January 06, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	48.4 mg N/L	Sous-traitance\Multilab Direct	January 09, 2017
Barium (Ba)	0.1133 mg/L	Sous-traitance\Multilab Direct	January 06, 2017
Dissolved Barium (Ba)	0.1109 mg/L	Sous-traitance\Multilab Direct	January 06, 2017
Cadmium (Cd)	0.002 mg/L	Sous-traitance\Multilab Direct	January 06, 2017
Dissolved Cadmium (Cd)	0.00217 mg/L	Sous-traitance\Multilab Direct	January 06, 2017
Chloride	430 mg/L	Sous-traitance\Multilab Direct	January 12, 2017
Chrome (Cr)	0.0012 mg/L	Sous-traitance\Multilab Direct	January 06, 2017
Dissolved Chromium (Cr)	0.0013 mg/L	Sous-traitance\Multilab Direct	January 06, 2017
Copper (Cu)	0.2485 mg/L	Sous-traitance\Multilab Direct	January 06, 2017
Dissolved Copper (Cu)	0.0250 mg/L	Sous-traitance\Multilab Direct	January 06, 2017
Cyanates (CNO)	371 mg CNO/L	Sous-traitance\Multilab Direct	January 12, 2017
Cyanide W.A.D.	0.199 mg/L	Sous-traitance\Multilab Direct	January 12, 2017
Total Cyanide (CNT)	2.19 mg/L	Sous-traitance\Multilab Direct	January 12, 2017
Hardness	1284 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	January 06, 2017
Iron (Fe)	1.37 mg/L	Sous-traitance\Multilab Direct	January 06, 2017
Dissolved Iron (Fe)	0.31 mg/L	Sous-traitance\Multilab Direct	January 06, 2017
Fluoride (F)	0.41 mg/L	Sous-traitance\Multilab Direct	January 10, 2017
Total Suspended Solids	14 mg/L	M-SOLI-1.0	January 06, 2017
Manganese (Mn)	0.1739 mg/L	Sous-traitance\Multilab Direct	January 06, 2017
Dissolved Manganese (Mn)	0.1542 mg/L	Sous-traitance\Multilab Direct	January 06, 2017
Mercury (Hg)	0.00042 mg/L	Sous-traitance\Multilab Direct	January 11, 2017
Dissolved Mercury (Hg)	0.00044 mg/L	Sous-traitance\Multilab Direct	January 11, 2017
Molybdenum (Mo)	0.5372 mg/L	Sous-traitance\Multilab Direct	January 06, 2017
Dissolved Molybdenum (Mo)	0.5385 mg/L	Sous-traitance\Multilab Direct	January 06, 2017
Ammonia NH ₃ (non-ionized)	2.46 mg N/L	Sous-traitance\Multilab Direct	January 09, 2017
Nickel (Ni)	0.0742 mg/L	Sous-traitance\Multilab Direct	January 06, 2017
Dissolved Nickel (Ni)	0.0189 mg/L	Sous-traitance\Multilab Direct	January 06, 2017
Nitrate (NO ₃)	5.76 mg N/L	Sous-traitance\Multilab Direct	January 06, 2017
Nitrite (NO ₂)	0.21 mg N/L	Sous-traitance\Multilab Direct	January 06, 2017
Lead (Pb)	0.0007 mg/L	Sous-traitance\Multilab Direct	January 06, 2017
Dissolved Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	January 06, 2017
Selenium (Se)	0.078 mg/L	Sous-traitance\Multilab Direct	January 06, 2017
Selenium IV	0.001 mg/L	Sous-traitance\MDDEP (Quebec)	January 16, 2017

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Analytical Report

Lab number: V-61926

Sample name: ST-21 South

Sampling date: January 03, 2017

Sampling location: ST-21 South

Sampling hour: 08:30

Parameter	Result	Method name	Analysis date
Selenium VI	0.060 mg/L	Sous-traitance\MDDEP (Quebec)	January 16, 2017
Dissolved Selenium (Se)	0.022 mg/L	Sous-traitance\Multilab Direct	January 06, 2017
Dissolved Solids	3213 mg/L	M-TIT-1.0	January 05, 2017
Sulfate (SO4)	2137 mg SO4/L	Sous-traitance\Multilab Direct	January 11, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	January 06, 2017
Dissolved thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	January 06, 2017
Thiocyanate (SCN)	227 mg SCN/L	Sous-traitance\Multilab Direct	January 14, 2017
Zinc (Zn)	0.005 mg/L	Sous-traitance\Multilab Direct	January 06, 2017
Dissolved Zinc	0.003 mg/L	Sous-traitance\Multilab Direct	January 06, 2017

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Detection limit

Lab number: V-61926

Sample name: ST-21 South

Sampling date: January 03, 2017

Sampling location: ST-21 South

Sampling hour: 08:30

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO ₃ /L	M-TIT-1.0	
Aluminium (Al)	0.006	mg/L	Sous-traitance	
Dissolved Aluminium (Al)	0.006	mg/L	Sous-traitance	
Silver (Ag)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Silver (Ag)	0.0001	mg/L	Sous-traitance	
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Arsenic (As)	0.0005	mg/L	Sous-traitance	
Ammonia nitrogen (NH ₃ -NH ₄)	0.01	mg N/L	Sous-traitance	Yes
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Barium (Ba)	0.0005	mg/L	Sous-traitance	
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Dissolved Cadmium (Cd)	0.00002	mg/L	Sous-traitance	
Chloride	0.5	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Dissolved Chromium (Cr)	0.0006	mg/L	Sous-traitance	
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Copper (Cu)	0.0005	mg/L	Sous-traitance	
Cyanates (CNO)	0.01	mg CNO/L	Sous-traitance	
Cyanide W.A.D.	0.001	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO ₃ /L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes
Dissolved Iron (Fe)	0.01	mg/L	Sous-traitance	
Fluoride (F)	0.02	mg/L	Sous-traitance	Yes
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Manganese (Mn)	0.0005	mg/L	Sous-traitance	
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Dissolved Mercury (Hg)	0.00001	mg/L	Sous-traitance	
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	
Ammonia NH ₃ (non-ionized)	0.01	mg N/L	Sous-traitance	-
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Nickel (Ni)	0.0005	mg/L	Sous-traitance	
Nitrate (NO ₃)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO ₂)	0.01	mg N/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Dissolved Lead (Pb)	0.0003	mg/L	Sous-traitance	
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Selenium IV	0.001	mg/L	Sous-traitance	

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Detection limit

Lab number: V-61926

Sample name: ST-21 South

Sampling date: January 03, 2017

Sampling location: ST-21 South

Sampling hour: 08:30

Parameter	Value	Unit	Method	Accreditation
Selenium VI	0.01	mg/L	Sous-traitance	
Dissolved Selenium (Se)	0.001	mg/L	Sous-traitance	
Dissolved Solids	1	mg/L	M-TIT-1.0	
Sulfate (SO4)	0.6	mg SO4/L	Sous-traitance	Yes
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Dissolved thallium (Tl)	0.0008	mg/L	Sous-traitance	
Thiocyanate (SCN)	0.05	mg SCN/L	Sous-traitance	Yes
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes
Dissolved Zinc	0.001	mg/L	Sous-traitance	

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Quality control Report

Lab number: V-61926

Sample name: ST-21 South

Sampling location: ST-21 South

Sampling date: January 03, 2017

Sampling hour: 08:30

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 141 Accuracy 97.2% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006
	Standard name DMR-0614-2016-Eu Result 7.04 Accuracy 87.7% Limit 5.02 - 7.52
Dissolved Aluminium (Al) mg/L	Blank <0.006
	Standard name DMR-0614-2016-Eu Result 6.06 Accuracy 96.7% Limit 5.02 - 7.52
Silver (Ag) mg/L	Blank <0.0001
	Standard name DMR-0175-2016-Ag Result 0.7083 Accuracy 97.8% Limit 0.579 - 0.869
Dissolved Silver (Ag) mg/L	Blank <0.0001
	Standard name DMR-0175-2016-Ag Result 0.6871 Accuracy 94.9% Limit 0.579 - 0.869
Arsenic (As) mg/L	Blank <0.0005
	Standard name DMR-0614-2016-Eu Result 0.3520 Accuracy 76.1% Limit 0.199 - 0.369
Dissolved Arsenic (As) mg/L	Blank <0.0005
	Standard name DMR-0614-2016-Eu Result 0.3634 Accuracy 72% Limit 0.199 - 0.369
Ammonia nitrogen (NH ₃ -NH ₄) m	Blank <0.01
	Standard name DMR-0564-2016-NH ₃ Result 2.27 Accuracy 93.4% Limit 1.81 - 2.45
Barium (Ba) mg/L	Blank <0.0005

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Quality control Report

Lab number: V-61926

Sample name: ST-21 South

Sampling location: ST-21 South

Sampling date: January 03, 2017

Sampling hour: 08:30

Parameter	
	Standard name DMR-0614-2016-Eu
	Result 2.798
	Accuracy 84.9%
	Limit 1.94 - 2.92
Dissolved Barium (Ba) mg/L	Blank <0.0005
	Standard name DMR-0614-2016-Eu
	Result 2.504
	Accuracy 97%
	Limit 1.94 - 2.92
Cadmium (Cd) mg/L	Blank <0.00002
	Standard name DMR-0614-2016-Eu
	Result 0.95356
	Accuracy 94.2%
	Limit 0.721 - 1.081
Dissolved Cadmium (Cd) mg/L	Blank <0.00002
	Standard name DMR-0614-2016-Eu
	Result 0.94187
	Accuracy 95.5%
	Limit 0.721 - 1.081
Chloride mg/L	Blank <0.5
	Standard name DMR-0634-2016-CI
	Result 96.2
	Accuracy 89.1%
	Limit 95 - 121
Chrome (Cr) mg/L	Blank <0.0006
	Standard name DMR-0614-2016-Eu
	Result 4.057
	Accuracy 99.8%
	Limit 3.24 - 4.86
Dissolved Chromium (Cr) mg/L	Blank <0.0006
	Standard name DMR-0614-2016-Eu
	Result 3.779
	Accuracy 93.3%
	Limit 3.24 - 4.86
Copper (Cu) mg/L	Blank <0.0005
	Standard name DMR-0614-2016-Eu
	Result 1.393
	Accuracy 91.2%
	Limit 1.02 - 1.54
Dissolved Copper (Cu) mg/L	Blank <0.0005

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Quality control Report

Lab number: V-61926

Sample name: ST-21 South

Sampling date: January 03, 2017

Sampling location: ST-21 South

Sampling hour: 08:30

Parameter	
	Standard name DMR-0614-2016-Eu
	Result 1.412
	Accuracy 89.7%
	Limit 1.02 - 1.54
Cyanates (CNO) mg CNO/L	Blank <0.01
	Standard name CNO-64.2ppm
	Result 62.7
	Accuracy 97.7%
	Limit 44.9 - 83.5
Cyanide W.A.D. mg/L	Blank <0.001
	Standard name Cep-34 E04
	Result 0.735
	Accuracy 91.1%
	Limit 0.686 - 0.928
Total Cyanide (CNT) mg/L	Blank <0.001
	Standard name Cep-34 E04
	Result 0.863
	Accuracy 93.3%
	Limit 0.786 - 1.064
Iron (Fe) mg/L	Blank <0.01
	Standard name DMR-0614-2016-Eu
	Result 12.9
	Accuracy 86.8%
	Limit 9.1 - 13.7
Dissolved Iron (Fe) mg/L	Blank <0.01
	Standard name DMR-0614-2016-Eu
	Result 13.2
	Accuracy 84.2%
	Limit 9.1 - 13.7
Fluoride (F) mg/L	Blank <0.02
	Standard name DMR-0634-2016-F
	Result 2.35
	Accuracy 98.3%
	Limit 2.14 - 2.48
Total Suspended Solids mg/L	Standard name STD-MES 25mg/L
	Result 22
	Accuracy 88%
	Limit 19 - 31
Total Suspended Solids mg/L	Blank <1
	Standard name STD-MES 250mg/L

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

This report shall not be reproduced except in full without the written authority of the laboratory.

Quality control Report

Lab number: V-61926

Sample name: ST-21 South

Sampling date: January 03, 2017

Sampling location: ST-21 South

Sampling hour: 08:30

Parameter	
	Result 226
	Accuracy 90.4%
	Limit 194 - 306
Manganese (Mn) mg/L	Blank <0.0005
	Standard name DMR-0614-2016-Eu
	Result 3.566
	Accuracy 91.4%
	Limit 3.12 - 4.68
Dissolved Manganese (Mn) mg/L	Blank <0.0005
	Standard name DMR-0614-2016-Eu
	Result 3.663
	Accuracy 93.9%
	Limit 3.12 - 4.68
Mercury (Hg) mg/L	Blank <0.00001
	Standard name DMR-0634-2016-HgEu
	Result 0.00055
	Accuracy 83.3%
	Limit 0.00040 - 0.00092
Dissolved Mercury (Hg) mg/L	Blank <0.00001
	Standard name DMR-0634-2016-HgEu
	Result 0.00060
	Accuracy 90.9%
	Limit 0.00040 - 0.00092
Molybdenum (Mo) mg/L	Blank <0.0005
	Standard name DMR-0614-2016-Eu
	Result 0.6201
	Accuracy 87.6%
	Limit 0.566 - 0.850
Dissolved Molybdenum (Mo) mg/L	Blank <0.0005
	Standard name DMR-0614-2016-Eu
	Result 0.6375
	Accuracy 90%
	Limit 0.566 - 0.850
Ammonia NH3 (non-ionized) mg	Blank <0.01
Nickel (Ni) mg/L	Blank <0.0005
	Standard name DMR-0614-2016-Eu
	Result 1.220
	Accuracy 93%
	Limit 0.91 - 1.37
Dissolved Nickel (Ni) mg/L	Blank <0.0005

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Quality control Report

Lab number: V-61926

Sample name: ST-21 South

Sampling date: January 03, 2017

Sampling location: ST-21 South

Sampling hour: 08:30

Parameter	
	Standard name DMR-0614-2016-Eu
	Result 1.165
	Accuracy 97.8%
	Limit 0.91 - 1.37
Nitrate (NO3) mg N/L	Blank <0.01
Nitrite (NO2) mg N/L	Blank <0.01
	Standard name DMR-0634-2016-NO2
	Result 1.98
	Accuracy 98%
	Limit 1.72 - 2.32
Lead (Pb) mg/L	Blank <0.0003
	Standard name DMR-0614-2016-Eu
	Result 0.9147
	Accuracy 98.7%
	Limit 0.722 - 1.084
Dissolved Lead (Pb) mg/L	Blank <0.0003
	Standard name DMR-0614-2016-Eu
	Result 0.9113
	Accuracy 99.1%
	Limit 0.722 - 1.084
Selenium (Se) mg/L	Blank <0.001
	Standard name DMR-0614-2016-Eu
	Result 1.53
	Accuracy 86.7%
	Limit 1.08 - 1.62
Dissolved Selenium (Se) mg/L	Blank <0.001
	Standard name DMR-0614-2016-Eu
	Result 1.48
	Accuracy 90.4%
	Limit 1.08 - 1.62
Sulfate (SO4) mg SO4/L	Blank <0.6
	Standard name DMR-0634-2016-SO4
	Result 122
	Accuracy 99.2%
	Limit 111 - 135
Thallium (TI) mg/L	Blank <0.0008
	Standard name TI-S140909023-1000ppm
	Result 927
	Accuracy 92.7%
	Limit 800 - 1200

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Quality control Report

Lab number: V-61926

Sample name: ST-21 South

Sampling location: ST-21 South

Sampling date: January 03, 2017

Sampling hour: 08:30

Parameter

Dissolved thallium (Tl) mg/L Blank <0.0008
Standard name TI-S140909023-1000ppm
Result 942
Accuracy 94.2%
Limit 800 - 1200

Thiocyanate (SCN) mg SCN/L Blank <0.05
Standard name STD SCN 568ppm
Result 708
Accuracy 75.4%
Limit 398 - 738

Zinc (Zn) mg/L Blank <0.001
Standard name DMR-0614-2016-Eu
Result 4.71
Accuracy 96.7%
Limit 3.65 - 5.47

Dissolved Zinc mg/L Blank <0.001
Standard name DMR-0614-2016-Eu
Result 4.62
Accuracy 98.7%
Limit 3.65 - 5.47

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Additional information

Lab number: V-61926
Sample name: ST-21 South
Sampling location: ST-21 South

Sampling date: January 03, 2017
Sampling hour: 08:30

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-NH3-2.0	MA.300-N 2.0
M-CL-2.0	MA.300-Ions 1.3
M-CI-1.0	MA.300-Anions 1.0
M-CN-1.0	MA.300-CN 1.2
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-SULF-2.0	MA.300-Ions 1.3

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Client : 4299 MULTILAB - VAL-D'OR

Job Number: B701441

Client Project Name & Number: -

No. d'échantillon : DN2223-02

Test Result:

48 hrs LC50 %v/v (95% CL): >100 (N/A) Statistical Method: Visual

Toxic Units: <1.0

48 hrs EC50 %v/v (95% CL): >100 (N/A) Statistical Method: Visual

Comment: non-toxic

Sample Name : 61968

Sample Matrix : WATER

Description: Incolor, translucent, no solids present

Sample Prior to Analysis:

Sample Collected: Jan 09, 2017 07:45 AM

Sampling Method : Grab

pH: 7.6

Sample Collected By: JAMIE K/FANNY
LAPORTE

Site Collection: ST-8/ST-MMER-3ab
Monthly

Temperature : 19 °C

Sample Received: Jan 11, 2017 09:30 AM

Volume Received: 1 L

Dissolved Oxygen: 9.6 mg/L

Analysis Start : Jan 12, 2017 12:25 PM

Temp. Upon Arrival: 9 °C

Sample Conductance: 64 µS/cm

End : Jan 14, 2017 11:35 AM

Storage: 2-6°C

Hardness: 30 mg CaCO₃/L

Concentration	Temperature (°C)	pH (pH)	Conductivity (uS/cm)	Dissolved oxygen (mg/L)	Temperature (°C)	pH (pH)	Dissolved oxygen (mg/L)	Immobility (#)	Immobility (%)	Mortality (#)	Mortality (%)
%v/v	Initial	Initial	Initial	Initial	48 hrs	48 hr	48 hrs	48 hrs	48 hrs	48 hrs	48 hrs
0	19	7.5	462	8.2	20	7.8	8.6	0	0	0	0
6.25	20	7.5	451	8.4	20	7.8	8.4	0	0	0	0
12.5	20	7.5	433	8.2	20	7.8	8.4	0	0	0	0
25	20	7.6	385	8.4	20	7.8	8.5	0	0	0	0
50	19	7.6	283	8.6	20	7.8	8.5	0	0	0	0
100	19	7.8	70	8.9	20	7.8	8.5	0	0	0	0

Comments : No discrepancies observed during the test. No change was made to the method.

Culture/Control/Dilution Water: Reconstituted water for Daphnia

Hardness: 170 mg/l CaCO₃ Other parameters available on request.

Test Conditions Test concentration : 0,6.25,12.5,25,50,100 (%v/v)

Organisms per Vessel : 10 **Pre-aeration Time :** 30 min **Rate of Pre-aeration :** 40±5 mL/min/L

Total # of Organisms Used : 60 **Test Temperature :** 20 ± 2 °C **Test Hardness Adjusted :** No

Test Volume : 150 mL **Vessel Volume :** 270 ml **Test pH Adjusted:** No

Loading Density : 15.0 mL/Daphnia **Photoperiod :** 16 hours of light; 8 hours of darkness

Test Organism : *Daphnia magna* **Source :** Maxxam Lab Culture

Age at Test Initiation : <24 hres **Average Brood Size :** 29.0

Culture Photoperiod : 16 hours of light; 8 hours of darkness **% Mortality within 7 days :** 0

Culture Temperature : 20 ± 2 °C **Time To First Brood :** 8 Days

Culture Diet Fed once a day.

Reference chemical: Potassium Dichromate **Test Date:** Jan 09, 2017

Test Endpoint 48 hrs LC50 (95% confidence interval) : 0.18 (0.13, 0.25)mg/L **Statistical Method :** Binomial

Historical Mean LC50 (warning limits) : 0.22 (0.12, 0.42) mg/L **Concentration :** 0,0.0625,0.125,0.25,0.5,1 mg/L

Test Method QUE SOP-00406. Reference Method for Determining Acute Lethality of Effluents to Daphnia magna. EPS1/RM/14 - Second Edition. Environment Canada. 2000.

This is essentially a 48H static test. Ten individuals are submitted to different effluent concentrations in order to measure the LC50 in controlled temperature, light intensity and loading density.

Method Deviations: Aucune

Client : 4299 MULTILAB - VAL-D'OR
Client Project Name & Number: -

Job Number: B701441
No. d'échantillon : DN2223-02

Analyst : Alexandra Côté, Keven Dumas, Roxane Champagne

Alexandra Côté

Verified By : Alexandra Côté

Date: Jan 23, 2017 10:33 AM

The results contained in this report refer only to the testing of the sample submitted. This report may not be reproduced, except in its entirety, without the written approval of the laboratory.

Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: M-116658

Sampling location: DW-RAW

Sampling date: January 09, 2017

Sample name: DW-RAW

Sampling hour: 08:00

Sampled by: Fanny Laporte

Date received: January 10, 2017

Matrix: Drinking water

Drinking water distribution:

Reported on: January 19, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Lab number: M-116658

Sample name: DW-RAW

Sampling date: January 09, 2017

Sampling location: DW-RAW

Sampling hour: 08:00

Parameter	Result	Guideline limit	Method name	Analysis date
Total coliforms	1 CFU/100ml	0	M-COLI-4.0	January 11, 2017
Atypical colonies	2 CFU/100ml		M-COLI-4.0	January 11, 2017
<i>Escherichia coli</i>	0 CFU/100ml	0	M-COLI-4.0	January 11, 2017
Temperature	4 °C		M-TEMP-1.0	January 10, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Additional information

Lab number: M-116658

Sample name: DW-RAW

Sampling date: January 09, 2017

Sampling location: DW-RAW

Sampling hour: 08:00

State of the sample at reception : Temperature under 12°C.

Lab method

Method reference

M-COLI-4.0

MA. 700 - Ecctmi 1.0

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Analytical Report

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Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: M-116711

Sampling location: STP-SEP

Sampling date: January 09, 2017

Sample name: STP-SEP

Sampling hour: 08:00

Sampled by: Jamie Kataluk

Date received: January 10, 2017

Matrix: Waste water

Drinking water distribution: **NA**

Reported on: January 19, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

Analytical Report

Lab number: M-116711

Sample name: STP-SEP

Sampling location: STP-SEP

Sampling date: January 09, 2017

Sampling hour: 08:00

Parameter	Result	Method name	Analysis date
Fecal coliforms	360 CFU/100ml	M-COLI-1,0	January 11, 2017
Total coliforms	1 380 000 CFU/100ml	M-COLI-2,0	January 11, 2017
Atypical colonies	< 10 000 CFU/100ml	M-COLI-2,0	January 11, 2017
Temperature	4.5 °C	M-TEMP-1.0	January 10, 2017

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Additional information

Lab number: M-116711

Sample name: STP-SEP

Sampling location: STP-SEP

Sampling date: January 09, 2017

Sampling hour: 08:00

State of the sample at reception : Temperature under 12°C.

Lab method	Method reference
M-COLI-1,0	MA.700-Ecctmi 1.0
M-COLI-2,0	MA.700-Ecctmi 1.0

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: M-116711

Sampling location: STP-SEP

Sampling date: January 09, 2017

Sample name: STP-SEP

Sampling hour: 08:00

Sampled by: Jamie Kataluk

Date received: January 10, 2017

Matrix: Waste water

Drinking water distribution: **NA**

Reported on: January 19, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

Analytical Report

Lab number: M-116711

Sample name: STP-SEP

Sampling location: STP-SEP

Sampling date: January 09, 2017

Sampling hour: 08:00

Parameter	Result	Method name	Analysis date
Fecal coliforms	360 CFU/100ml	M-COLI-1,0	January 11, 2017
Total coliforms	1 380 000 CFU/100ml	M-COLI-2,0	January 11, 2017
Atypical colonies	< 10 000 CFU/100ml	M-COLI-2,0	January 11, 2017
Temperature	4.5 °C	M-TEMP-1.0	January 10, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Additional information

Lab number: M-116711

Sample name: STP-SEP

Sampling location: STP-SEP

Sampling date: January 09, 2017

Sampling hour: 08:00

State of the sample at reception : Temperature under 12°C.

Lab method	Method reference
M-COLI-1,0	MA.700-Ecctmi 1.0
M-COLI-2,0	MA.700-Ecctmi 1.0

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: M-116712

Sampling location: STP-LJMIX

Sampling date: January 09, 2017

Sample name: STP-LJMIX

Sampling hour: 08:05

Sampled by: Jamie Kataluk

Date received: January 10, 2017

Matrix: Waste water

Drinking water distribution: **NA**

Reported on: January 19, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

Analytical Report

Lab number: M-116712

Sample name: STP-LJMIX

Sampling location: STP-LJMIX

Sampling date: January 09, 2017

Sampling hour: 08:05

Parameter	Result	Method name	Analysis date
Fecal coliforms	48 CFU/100ml	M-COLI-1,0	January 11, 2017
Total coliforms	14 000 CFU/100ml	M-COLI-2,0	January 11, 2017
Atypical colonies	34 000 CFU/100ml	M-COLI-2,0	January 11, 2017
Temperature	5.5 °C	M-TEMP-1.0	January 10, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Additional information

Lab number: M-116712

Sample name: STP-LJMIX

Sampling location: STP-LJMIX

Sampling date: January 09, 2017

Sampling hour: 08:05

State of the sample at reception : Temperature under 12°C.

Lab method	Method reference
M-COLI-1,0	MA.700-Ecctmi 1.0
M-COLI-2,0	MA.700-Ecctmi 1.0

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-62902

Sampling location: ST-21

Sampling date: March 06, 2017

Sample name: ST-21 South cell

Sampling hour: 08:00

Sampled by: Martin Theriault

Date received: March 07, 2017

Matrix: Waste Water

Drinking water distribution:

Reported on: April 04, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Lab number: V-62902

Sample name: ST-21 South cell

Sampling date: March 06, 2017

Sampling location: ST-21

Sampling hour: 08:00

Parameter	Result	Method name	Analysis date
Alkalinity	132 mg CaCO ₃ /L	M-TIT-1.0	February 07, 2017
Aluminium (Al)	0.111 mg/L	Sous-traitance\Multilab Direct	March 14, 2017
Dissolved Aluminium (Al)	0.039 mg/L	Sous-traitance\Multilab Direct	March 14, 2017
Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	March 14, 2017
Dissolved Silver (Ag)	0.0001 mg/L	Sous-traitance\Multilab Direct	March 14, 2017
Arsenic (As)	0.0151 mg/L	Sous-traitance\Multilab Direct	March 14, 2017
Dissolved Arsenic (As)	0.0153 mg/L	Sous-traitance\Multilab Direct	March 14, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	49.3 mg N/L	Sous-traitance\Multilab Direct	March 09, 2017
Barium (Ba)	0.0988 mg/L	Sous-traitance\Multilab Direct	March 14, 2017
Dissolved Barium (Ba)	0.095 mg/L	Sous-traitance\Multilab Direct	March 14, 2017
Cadmium (Cd)	0.00179 mg/L	Sous-traitance\Multilab Direct	March 14, 2017
Dissolved Cadmium (Cd)	0.00181 mg/L	Sous-traitance\Multilab Direct	March 14, 2017
Chloride	545 mg/L	Sous-traitance\Multilab Direct	March 13, 2017
Chrome (Cr)	0.001 mg/L	Sous-traitance\Multilab Direct	March 14, 2017
Dissolved Chromium (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	March 14, 2017
Copper (Cu)	0.2742 mg/L	Sous-traitance\Multilab Direct	March 14, 2017
Dissolved Copper (Cu)	0.0157 mg/L	Sous-traitance\Multilab Direct	March 14, 2017
Cyanates (CNO)	114 mg CNO/L	Sous-traitance\Multilab Direct	March 21, 2017
Cyanide W.A.D.	0.078 mg/L	Sous-traitance\Multilab Direct	March 16, 2017
Total Cyanide (CNT)	2.96 mg/L	Sous-traitance\Multilab Direct	March 16, 2017
Hardness	1261 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	March 14, 2017
Iron (Fe)	0.99 mg/L	Sous-traitance\Multilab Direct	March 14, 2017
Dissolved Iron (Fe)	1.12 mg/L	Sous-traitance\Multilab Direct	March 14, 2017
Fluoride (F)	0.33 mg/L	Sous-traitance\Multilab Direct	March 09, 2017
Total Suspended Solids	11 mg/L	M-SOLI-1.0	March 08, 2017
Manganese (Mn)	0.1377 mg/L	Sous-traitance\Multilab Direct	March 14, 2017
Dissolved Manganese (Mn)	0.1200 mg/L	Sous-traitance\Multilab Direct	March 14, 2017
Mercury (Hg)	0.00056 mg/L	Sous-traitance\Multilab Direct	March 13, 2017
Dissolved Mercury (Hg)	0.00060 mg/L	Sous-traitance\Multilab Direct	March 10, 2017
Molybdenum (Mo)	0.5427 mg/L	Sous-traitance\Multilab Direct	March 14, 2017
Dissolved Molybdenum (Mo)	0.5714 mg/L	Sous-traitance\Multilab Direct	March 14, 2017
Ammonia NH ₃ (non-ionized)	2.45 mg N/L	Sous-traitance\Multilab Direct	March 09, 2017
Nickel (Ni)	0.0657 mg/L	Sous-traitance\Multilab Direct	March 14, 2017
Dissolved Nickel (Ni)	0.0305 mg/L	Sous-traitance\Multilab Direct	March 14, 2017
Nitrate (NO ₃)	6.01 mg N/L	Sous-traitance\Multilab Direct	March 10, 2017
Nitrite (NO ₂)	0.35 mg N/L	Sous-traitance\Multilab Direct	March 10, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	March 14, 2017
Dissolved Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	March 14, 2017
Selenium (Se)	0.055 mg/L	Sous-traitance\Multilab Direct	March 14, 2017
Dissolved Selenium (Se)	0.059 mg/L	Sous-traitance\Multilab Direct	March 14, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Analytical Report

Lab number: V-62902

Sample name: ST-21 South cell

Sampling date: March 06, 2017

Sampling location: ST-21

Sampling hour: 08:00

Parameter	Result	Method name	Analysis date
Dissolved Solids	3681 mg/L	M-TIT-1.0	February 07, 2017
Sulfate (SO4)	2180 mg SO4/L	Sous-traitance\Multilab Direct	March 09, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	March 16, 2017
Dissolved thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	March 16, 2017
Thiocyanate (SCN)	239 mg SCN/L	Sous-traitance\Multilab Direct	March 16, 2017
Zinc (Zn)	0.001 mg/L	Sous-traitance\Multilab Direct	March 14, 2017
Dissolved Zinc	<0.001 mg/L	Sous-traitance\Multilab Direct	March 14, 2017
Selenium IV	0.001 mg/L	Sous-traitance\CEAEQ	March 13, 2017
Selenium VI	0.03 mg/L	Sous-traitance\CEAEQ	March 13, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
This report shall not be reproduced except in full without the written authority of the laboratory.



Detection limit

Lab number: V-62902

Sample name: ST-21 South cell

Sampling date: March 06, 2017

Sampling location: ST-21

Sampling hour: 08:00

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO ₃ /L	M-TIT-1.0	
Aluminium (Al)	0.006	mg/L	Sous-traitance	
Dissolved Aluminium (Al)	0.006	mg/L	Sous-traitance	
Silver (Ag)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Silver (Ag)	0.0001	mg/L	Sous-traitance	
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Arsenic (As)	0.0005	mg/L	Sous-traitance	
Ammonia nitrogen (NH ₃ -NH ₄)	0.01	mg N/L	Sous-traitance	Yes
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Barium (Ba)	0.0005	mg/L	Sous-traitance	
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Dissolved Cadmium (Cd)	0.00002	mg/L	Sous-traitance	
Chloride	0.5	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Dissolved Chromium (Cr)	0.0006	mg/L	Sous-traitance	
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Copper (Cu)	0.0005	mg/L	Sous-traitance	
Cyanates (CNO)	0.01	mg CNO/L	Sous-traitance	
Cyanide W.A.D.	0.001	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO ₃ /L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes
Dissolved Iron (Fe)	0.01	mg/L	Sous-traitance	
Fluoride (F)	0.02	mg/L	Sous-traitance	Yes
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Manganese (Mn)	0.0005	mg/L	Sous-traitance	
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Dissolved Mercury (Hg)	0.00001	mg/L	Sous-traitance	
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	
Ammonia NH ₃ (non-ionized)	0.01	mg N/L	Sous-traitance	-
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Nickel (Ni)	0.0005	mg/L	Sous-traitance	
Nitrate (NO ₃)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO ₂)	0.01	mg N/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Dissolved Lead (Pb)	0.0003	mg/L	Sous-traitance	
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Dissolved Selenium (Se)	0.001	mg/L	Sous-traitance	

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Detection limit

Lab number: V-62902

Sample name: ST-21 South cell

Sampling date: March 06, 2017

Sampling location: ST-21

Sampling hour: 08:00

Parameter	Value	Unit	Method	Accreditation
Dissolved Solids	1	mg/L	M-TIT-1.0	
Sulfate (SO4)	0.6	mg SO4/L	Sous-traitance	Yes
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Dissolved thallium (Tl)	0.0008	mg/L	Sous-traitance	
Thiocyanate (SCN)	0.05	mg SCN/L	Sous-traitance	Yes
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes
Dissolved Zinc	0.001	mg/L	Sous-traitance	
Selenium IV	0.001	mg/L	Sous-traitance	
Selenium VI	0.01	mg/L	Sous-traitance	

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Quality control Report

Lab number: V-62902

Sample name: ST-21 South cell

Sampling date: March 06, 2017

Sampling location: ST-21

Sampling hour: 08:00

Parameter	
Aluminium (Al) mg/L	Blank <0.006 Standard name C00-046-705_X_1000 Result 0.884 Accuracy 88.4% Limit 0.800 - 1.200
Dissolved Aluminium (Al) mg/L	Blank <0.006 Standard name C00-046-705_X_1000 Result 1.14 Accuracy 86% Limit 0.800 - 1.200
Silver (Ag) mg/L	Blank <0.0001 Standard name DMR-0175-2016-Ag Result 0.6899 Accuracy 95.3% Limit 0.579 - 0.869
Dissolved Silver (Ag) mg/L	Blank <0.0001 Standard name DMR-0175-2016-Ag Result 0.7053 Accuracy 97.4% Limit 0.579 - 0.869
Arsenic (As) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0984 Accuracy 98.4% Limit 0.0700 - 0.1300
Dissolved Arsenic (As) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0988 Accuracy 98.8% Limit 0.0800 - 0.1200
Ammonia nitrogen (NH3-NH4) m	Blank <0.01 Standard name DMR-0581-2016-NH3-NH4 Result 2.23 Accuracy 95.3% Limit 1.81 - 2.45
Barium (Ba) mg/L	Sample duplicate 49.3-50.1 Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0950 Accuracy 95%

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Quality control Report

Lab number: V-62902

Sample name: ST-21 South cell

Sampling date: March 06, 2017

Sampling location: ST-21

Sampling hour: 08:00

Parameter	
Dissolved Barium (Ba) mg/L	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0946
	Accuracy 94.6%
Cadmium (Cd) mg/L	Limit 0.0800 - 0.1200
	Blank <0.00002
	Standard name C00-046-705_X_1000
	Result 0.09356
	Accuracy 93.6%
Dissolved Cadmium (Cd) mg/L	Limit 0.0800 - 0.1200
	Blank <0.00002
	Standard name C00-046-705_X_1000
	Result 0.09669
	Accuracy 96.7%
Chloride mg/L	Limit 0.0800 - 0.1200
	Blank <0.5
	Standard name DMR-0052-2017-Cl
	Result 109
	Accuracy 94.8%
Chrome (Cr) mg/L	Limit 101 - 129
	Blank <0.0006
	Standard name C00-046-705_X_1000
	Result 0.1093
	Accuracy 90.7%
Dissolved Chromium (Cr) mg/L	Limit 0.0800 - 0.1200
	Blank <0.0006
	Standard name C00-046-705_X_1000
	Result 0.1100
	Accuracy 90%
Copper (Cu) mg/L	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1155
	Accuracy 84.5%
Dissolved Copper (Cu) mg/L	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1160
	Accuracy 84%

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Quality control Report

Lab number: V-62902

Sample name: ST-21 South cell

Sampling date: March 06, 2017

Sampling location: ST-21

Sampling hour: 08:00

Parameter	
Cyanates (CNO) mg CNO/L	Limit 0.0800 - 0.1200
	Blank <0.01
	Standard name Controle Maison CNO 250 ppm
	Result 270
	Accuracy 92%
Cyanide W.A.D. mg/L	Limit 175 - 325
	Blank <0.001
	Standard name DMR-0052-CN
	Result 0.124
	Accuracy 100%
Total Cyanide (CNT) mg/L	Limit 0.105 - 0.143
	Blank <0.001
	Standard name DMR-0052-CN
	Result 0.241
	Accuracy 100%
Iron (Fe) mg/L	Limit 0.205 - 0.277
	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.12
	Accuracy 88%
Dissolved Iron (Fe) mg/L	Limit 0.800 - 1.200
	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.13
	Accuracy 87%
Fluoride (F) mg/L	Limit 0.800 - 1.200
	Blank <0.02
	Standard name DMR-0052-2017-F
	Result 2.43
	Accuracy 94.8%
Total Suspended Solids mg/L	Limit 2.14 - 2.48
	Blank <1
	Standard name STD-MES 250mg/L
	Result 246
	Accuracy 98.4%
Manganese (Mn) mg/L	Limit 194 - 306
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1105
	Accuracy 89.5%

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Quality control Report

Lab number: V-62902

Sample name: ST-21 South cell

Sampling date: March 06, 2017

Sampling location: ST-21

Sampling hour: 08:00

Parameter	
Dissolved Manganese (Mn) mg/L	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1082
	Accuracy 91.8%
Mercury (Hg) mg/L	Limit 0.0800 - 0.1200
	Blank <0.00001
	Standard name DMR-0013-2017-HgEu
	Result 0.00048
	Accuracy 68.6%
Dissolved Mercury (Hg) mg/L	Limit 0.00042 - 0.00098
	Blank <0.00001
	Standard name DMR-0013-2017-HgEu
	Result 0.00069
	Accuracy 98.6%
Molybdenum (Mo) mg/L	Limit 0.00042 - 0.00098
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0935
	Accuracy 93.5%
Dissolved Molybdenum (Mo) mg/L	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0977
	Accuracy 97.7%
Ammonia NH3 (non-ionized) mg	Limit 0.0800 - 0.1200
	Blank <0.01
	Sample duplicate 2.45-2.49
Nickel (Ni) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1120
	Accuracy 88%
	Limit 0.0800 - 0.1200
Dissolved Nickel (Ni) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1117
	Accuracy 88.3%
	Limit 0.0800 - 0.1200
Nitrate (NO3) mg N/L	Blank <0.01
Nitrite (NO2) mg N/L	Blank <0.01

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Quality control Report

Lab number: V-62902

Sample name: ST-21 South cell

Sampling location: ST-21

Sampling date: March 06, 2017

Sampling hour: 08:00

Parameter	
	Standard name DMR-0052-2017-NO2
	Result 1.97
	Accuracy 97.5%
	Limit 1.72 - 2.32
Lead (Pb) mg/L	Blank <0.0003
	Standard name C00-046-705_X_1000
	Result 0.0918
	Accuracy 91.8%
	Limit 0.0800 - 0.1200
Dissolved Lead (Pb) mg/L	Blank <0.0003
	Standard name C00-046-705_X_1000
	Result 0.0988
	Accuracy 98.8%
	Limit 0.0800 - 0.1200
Selenium (Se) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.099
	Accuracy 99%
	Limit 0.0800 - 0.1200
Dissolved Selenium (Se) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.100
	Accuracy 100%
	Limit 0.0800 - 0.1200
Sulfate (SO4) mg SO4/L	Blank <0.6
	Standard name DMR-0052-2017-SO4
	Result 114
	Accuracy 92.7%
	Limit 114 - 132
Thallium (Tl) mg/L	Blank <0.0008
	Standard name Tl-S140909023-1000ppm
	Result 924
	Accuracy 92.4%
	Limit 800 - 1200
Dissolved thallium (Tl) mg/L	Blank <0.0008
	Standard name Tl-S140909023-1000ppm
	Result 932
	Accuracy 93.2%
	Limit 800 - 1200
Thiocyanate (SCN) mg SCN/L	Blank <0.05

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Quality control Report

Lab number: V-62902

Sample name: ST-21 South cell

Sampling date: March 06, 2017

Sampling location: ST-21

Sampling hour: 08:00

Parameter

Standard name STD SCN 568ppm

Result 569

Accuracy 99.8%

Limit 398 - 738

Zinc (Zn) mg/L

Blank <0.001

Standard name C00-046-705_X_1000

Result 0.106

Accuracy 94%

Limit 0.0800 - 0.1200

Dissolved Zinc mg/L

Blank <0.001

Standard name C00-046-705_X_1000

Result 0.107

Accuracy 93%

Limit 0.0800 - 0.1200

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Additional information

Lab number: V-62902

Sample name: ST-21 South cell

Sampling location: ST-21

Sampling date: March 06, 2017

Sampling hour: 08:00

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-NH3-2.0	MA.300-N 2.0
M-CL-2.0	MA.300-Ions 1.3
M-CI-1.0	MA.300-Anions 1.0
M-CN-1.0	MA.300-CN 1.2
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-SULF-2.0	MA.300-Ions 1.3

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-62910

Sampling location: Central Dike

Sampling date: March 06, 2017

Sample name: ST-S-5

Sampling hour: 08:30

Sampled by: Martin Theriault

Date received: March 07, 2017

Matrix: Water

Drinking water distribution:

Reported on: March 20, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

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Analytical Report

Lab number: V-62910

Sample name: ST-S-5

Sampling location: Central Dike

Sampling date: March 06, 2017

Sampling hour: 08:30

Parameter	Result	Method name	Analysis date
Alkalinity	138 mg CaCO ₃ /L	M-TIT-1.0	February 07, 2017
Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	March 14, 2017
Dissolved Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	March 14, 2017
Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	March 14, 2017
Dissolved Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	March 14, 2017
Arsenic (As)	0.048 mg/L	Sous-traitance\Multilab Direct	March 14, 2017
Dissolved Arsenic (As)	0.0216 mg/L	Sous-traitance\Multilab Direct	March 14, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	26 mg N/L	Sous-traitance\Multilab Direct	March 09, 2017
Barium (Ba)	0.0256 mg/L	Sous-traitance\Multilab Direct	March 14, 2017
Dissolved Barium (Ba)	0.0224 mg/L	Sous-traitance\Multilab Direct	March 14, 2017
Cadmium (Cd)	0.00119 mg/L	Sous-traitance\Multilab Direct	March 14, 2017
Dissolved Cadmium (Cd)	0.00103 mg/L	Sous-traitance\Multilab Direct	March 14, 2017
Chloride	508 mg/L	Sous-traitance\Multilab Direct	March 13, 2017
Chrome (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	March 14, 2017
Dissolved Chromium (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	March 14, 2017
Copper (Cu)	0.0087 mg/L	Sous-traitance\Multilab Direct	March 14, 2017
Dissolved Copper (Cu)	0.0066 mg/L	Sous-traitance\Multilab Direct	March 14, 2017
Cyanide W.A.D.	0.099 mg/L	Sous-traitance\Multilab Direct	March 16, 2017
Total Cyanide (CNT)	0.239 mg/L	Sous-traitance\Multilab Direct	March 16, 2017
Hardness	1009 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	March 14, 2017
Iron (Fe)	2.42 mg/L	Sous-traitance\Multilab Direct	March 14, 2017
Dissolved Iron (Fe)	0.05 mg/L	Sous-traitance\Multilab Direct	March 14, 2017
Fluoride (F)	0.45 mg/L	Sous-traitance\Multilab Direct	March 09, 2017
Total Suspended Solids	8 mg/L	M-SOLI-1.0	March 08, 2017
Manganese (Mn)	2.440 mg/L	Sous-traitance\Multilab Direct	March 14, 2017
Dissolved Manganese (Mn)	2.248 mg/L	Sous-traitance\Multilab Direct	March 14, 2017
Mercury (Hg)	0.00009 mg/L	Sous-traitance\Multilab Direct	March 13, 2017
Dissolved Mercury (Hg)	0.00009 mg/L	Sous-traitance\Multilab Direct	March 10, 2017
Molybdenum (Mo)	0.3369 mg/L	Sous-traitance\Multilab Direct	March 14, 2017
Dissolved Molybdenum (Mo)	0.3225 mg/L	Sous-traitance\Multilab Direct	March 14, 2017
Ammonia NH ₃ (non-ionized)	0.30 mg N/L	Sous-traitance\Multilab Direct	March 09, 2017
Nickel (Ni)	0.0249 mg/L	Sous-traitance\Multilab Direct	March 14, 2017
Dissolved Nickel (Ni)	0.0226 mg/L	Sous-traitance\Multilab Direct	March 14, 2017
Nitrate (NO ₃)	<0.01 mg N/L	Sous-traitance\Multilab Direct	March 10, 2017
Nitrite (NO ₂)	0.01 mg N/L	Sous-traitance\Multilab Direct	March 10, 2017
Lead (Pb)	0.0011 mg/L	Sous-traitance\Multilab Direct	March 14, 2017
Dissolved Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	March 14, 2017
Selenium (Se)	0.015 mg/L	Sous-traitance\Multilab Direct	March 14, 2017
Dissolved Selenium (Se)	0.024 mg/L	Sous-traitance\Multilab Direct	March 14, 2017
Dissolved Solids	3102 mg/L	M-TIT-1.0	February 07, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Analytical Report

Lab number: V-62910

Sample name: ST-S-5

Sampling date: March 06, 2017

Sampling location: Central Dike

Sampling hour: 08:30

Parameter	Result	Method name	Analysis date
Sulfate (SO4)	1950 mg SO4/L	Sous-traitance\Multilab Direct	March 09, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	March 16, 2017
Dissolved thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	March 16, 2017
Zinc (Zn)	0.003 mg/L	Sous-traitance\Multilab Direct	March 14, 2017
Dissolved Zinc	<0.001 mg/L	Sous-traitance\Multilab Direct	March 14, 2017

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Detection limit

Lab number: V-62910

Sample name: ST-S-5

Sampling date: March 06, 2017

Sampling location: Central Dike

Sampling hour: 08:30

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO ₃ /L	M-TIT-1.0	
Aluminium (Al)	0.006	mg/L	Sous-traitance	
Dissolved Aluminium (Al)	0.006	mg/L	Sous-traitance	
Silver (Ag)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Silver (Ag)	0.0001	mg/L	Sous-traitance	
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Arsenic (As)	0.0005	mg/L	Sous-traitance	
Ammonia nitrogen (NH ₃ -NH ₄)	0.01	mg N/L	Sous-traitance	Yes
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Barium (Ba)	0.0005	mg/L	Sous-traitance	
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Dissolved Cadmium (Cd)	0.00002	mg/L	Sous-traitance	
Chloride	0.5	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Dissolved Chromium (Cr)	0.0006	mg/L	Sous-traitance	
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Copper (Cu)	0.0005	mg/L	Sous-traitance	
Cyanide W.A.D.	0.001	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO ₃ /L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes
Dissolved Iron (Fe)	0.01	mg/L	Sous-traitance	
Fluoride (F)	0.02	mg/L	Sous-traitance	Yes
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Manganese (Mn)	0.0005	mg/L	Sous-traitance	
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Dissolved Mercury (Hg)	0.00001	mg/L	Sous-traitance	
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	
Ammonia NH ₃ (non-ionized)	0.01	mg N/L	Sous-traitance	-
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Nickel (Ni)	0.0005	mg/L	Sous-traitance	
Nitrate (NO ₃)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO ₂)	0.01	mg N/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Dissolved Lead (Pb)	0.0003	mg/L	Sous-traitance	
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Dissolved Selenium (Se)	0.001	mg/L	Sous-traitance	
Dissolved Solids	1	mg/L	M-TIT-1.0	

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Detection limit

Lab number: V-62910

Sample name: ST-S-5

Sampling date: March 06, 2017

Sampling location: Central Dike

Sampling hour: 08:30

Parameter	Value	Unit	Method	Accreditation
Sulfate (SO4)	0.6	mg SO4/L	Sous-traitance	Yes
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Dissolved thallium (Tl)	0.0008	mg/L	Sous-traitance	
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes
Dissolved Zinc	0.001	mg/L	Sous-traitance	

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Quality control Report

Lab number: V-62910

Sample name: ST-S-5

Sampling location: Central Dike

Sampling date: March 06, 2017

Sampling hour: 08:30

Parameter	
Aluminium (Al) mg/L	Blank <0.006 Standard name C00-046-705_X_1000 Result 0.884 Accuracy 88.4% Limit 0.800 - 1.200
Dissolved Aluminium (Al) mg/L	Blank <0.006 Standard name C00-046-705_X_1000 Result 1.14 Accuracy 86% Limit 0.800 - 1.200
Silver (Ag) mg/L	Blank <0.0001 Standard name DMR-0175-2016-Ag Result 0.6899 Accuracy 95.3% Limit 0.579 - 0.869
Dissolved Silver (Ag) mg/L	Blank <0.0001 Standard name DMR-0175-2016-Ag Result 0.7053 Accuracy 97.4% Limit 0.579 - 0.869
Arsenic (As) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0984 Accuracy 98.4% Limit 0.0700 - 0.1300
Dissolved Arsenic (As) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0988 Accuracy 98.8% Limit 0.0800 - 0.1200
Ammonia nitrogen (NH3-NH4) m	Blank <0.01 Standard name DMR-0581-2016-NH3-NH4 Result 2.23 Accuracy 95.3% Limit 1.81 - 2.45
Barium (Ba) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0950 Accuracy 95% Limit 0.0800 - 0.1200

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Quality control Report

Lab number: V-62910

Sample name: ST-S-5

Sampling location: Central Dike

Sampling date: March 06, 2017

Sampling hour: 08:30

Parameter	
Dissolved Barium (Ba) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0946 Accuracy 94.6% Limit 0.0800 - 0.1200
Cadmium (Cd) mg/L	Blank <0.00002 Standard name C00-046-705_X_1000 Result 0.09356 Accuracy 93.6% Limit 0.0800 - 0.1200
Dissolved Cadmium (Cd) mg/L	Blank <0.00002 Standard name C00-046-705_X_1000 Result 0.09669 Accuracy 96.7% Limit 0.0800 - 0.1200
Chloride mg/L	Blank <0.5 Standard name DMR-0052-2017-Cl Result 109 Accuracy 94.8% Limit 101 - 129
Chrome (Cr) mg/L	Blank <0.0006 Standard name C00-046-705_X_1000 Result 0.1093 Accuracy 90.7% Limit 0.0800 - 0.1200
Dissolved Chromium (Cr) mg/L	Blank <0.0006 Standard name C00-046-705_X_1000 Result 0.1100 Accuracy 90% Limit 0.0800 - 0.1200
Copper (Cu) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1155 Accuracy 84.5% Limit 0.0800 - 0.1200
Dissolved Copper (Cu) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1160 Accuracy 84% Limit 0.0800 - 0.1200

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

This report shall not be reproduced except in full without the written authority of the laboratory.



Quality control Report

Lab number: V-62910

Sample name: ST-S-5

Sampling location: Central Dike

Sampling date: March 06, 2017

Sampling hour: 08:30

Parameter	
Cyanide W.A.D. mg/L	Blank <0.001 Standard name Cep-34 E04 Result 0.852 Accuracy 94.4% Limit 0.686 - 0.928
Total Cyanide (CNT) mg/L	Blank <0.001 Standard name Cep-34 E04 Result 0.960 Accuracy 96.2% Limit 0.786 - 1.064
Iron (Fe) mg/L	Blank <0.01 Standard name C00-046-705_X_1000 Result 1.12 Accuracy 88% Limit 0.800 - 1.200
Dissolved Iron (Fe) mg/L	Blank <0.01 Standard name C00-046-705_X_1000 Result 1.13 Accuracy 87% Limit 0.800 - 1.200
Fluoride (F) mg/L	Blank <0.02 Standard name DMR-0052-2017-F Result 2.43 Accuracy 94.8% Limit 2.14 - 2.48
Total Suspended Solids mg/L	Blank <1 Standard name STD-MES 250mg/L Result 246 Accuracy 98.4% Limit 194 - 306
Manganese (Mn) mg/L	Sample duplicate 8-7 Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1105 Accuracy 89.5% Limit 0.0800 - 0.1200
Dissolved Manganese (Mn) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1082 Accuracy 91.8%

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Quality control Report

Lab number: V-62910

Sample name: ST-S-5

Sampling location: Central Dike

Sampling date: March 06, 2017

Sampling hour: 08:30

Parameter		
Mercury (Hg) mg/L	Limit 0.0800 - 0.1200	
	Blank <0.00001	
	Standard name DMR-0013-2017-HgEu	
	Result 0.00048	
	Accuracy 68.6%	
Dissolved Mercury (Hg) mg/L	Limit 0.00042 - 0.00098	
	Blank <0.00001	
	Standard name DMR-0013-2017-HgEu	
	Result 0.00069	
	Accuracy 98.6%	
Molybdenum (Mo) mg/L	Limit 0.00042 - 0.00098	
	Blank <0.0005	
	Standard name C00-046-705_X_1000	
	Result 0.0935	
	Accuracy 93.5%	
Dissolved Molybdenum (Mo) mg/L	Limit 0.0800 - 0.1200	
	Blank <0.0005	
	Standard name C00-046-705_X_1000	
	Result 0.0977	
	Accuracy 97.7%	
Ammonia NH3 (non-ionized) mg	Limit 0.0800 - 0.1200	
	Blank <0.01	
	Nickel (Ni) mg/L	Blank <0.0005
		Standard name C00-046-705_X_1000
		Result 0.1120
Accuracy 88%		
Dissolved Nickel (Ni) mg/L	Limit 0.0800 - 0.1200	
	Blank <0.0005	
	Standard name C00-046-705_X_1000	
	Result 0.1117	
	Accuracy 88.3%	
Nitrate (NO3) mg N/L	Limit 0.0800 - 0.1200	
	Blank <0.01	
	Nitrite (NO2) mg N/L	Blank <0.01
		Standard name DMR-0052-2017-NO2
		Result 1.97
Accuracy 97.5%		
Lead (Pb) mg/L	Limit 1.72 - 2.32	
	Blank <0.0003	
	Standard name C00-046-705_X_1000	

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Quality control Report

Lab number: V-62910

Sample name: ST-S-5

Sampling location: Central Dike

Sampling date: March 06, 2017

Sampling hour: 08:30

Parameter	
Dissolved Lead (Pb) mg/L	Result 0.0918
	Accuracy 91.8%
	Limit 0.0800 - 0.1200
	Blank <0.0003
	Standard name C00-046-705_X_1000
Selenium (Se) mg/L	Result 0.0988
	Accuracy 98.8%
	Limit 0.0800 - 0.1200
	Blank <0.001
	Standard name C00-046-705_X_1000
Dissolved Selenium (Se) mg/L	Result 0.099
	Accuracy 99%
	Limit 0.0800 - 0.1200
	Blank <0.001
	Standard name C00-046-705_X_1000
Sulfate (SO4) mg SO4/L	Result 0.100
	Accuracy 100%
	Limit 0.0800 - 0.1200
	Blank <0.6
	Standard name DMR-0052-2017-SO4
Thallium (Tl) mg/L	Result 114
	Accuracy 92.7%
	Limit 114 - 132
	Blank <0.0008
	Standard name TI-S140909023-1000ppm
Dissolved thallium (Tl) mg/L	Result 924
	Accuracy 92.4%
	Limit 800 - 1200
	Blank <0.0008
	Standard name TI-S140909023-1000ppm
Zinc (Zn) mg/L	Result 932
	Accuracy 93.2%
	Limit 800 - 1200
	Blank <0.001
	Standard name C00-046-705_X_1000
Dissolved Zinc mg/L	Result 0.106
	Accuracy 94%
	Limit 0.0800 - 0.1200
	Blank <0.001
	Standard name C00-046-705_X_1000

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Additional information

Lab number: V-62910

Sample name: ST-S-5

Sampling location: Central Dike

Sampling date: March 06, 2017

Sampling hour: 08:30

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-NH3-2.0	MA.300-N 2.0
M-CL-2.0	MA.300-Ions 1.3
M-CN-1.0	MA.300-CN 1.2
M-CI-1.0	MA.300-Anions 1.0
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-SULF-2.0	MA.300-Ions 1.3

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-62911

Sampling location: ST-8/ST-MMER-3a/N65 01'11.2 W96 02'32.0

Sampling date: March 06, 2017

Sample name: ST-8/ST-MMER-3a Weekly

Sampling hour: 09:00

Sampled by: Jamie Kataluk

Date received: March 07, 2017

Matrix: Water

Drinking water distribution:

Reported on: March 20, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
This report shall not be reproduced except in full without the written authority of the laboratory.



Analytical Report

Lab number: V-62911

Sample name: ST-8/ST-MMER-3a Weekly

Sampling date: March 06, 2017

Sampling location: ST-8/ST-MMER-3a/N65 01'11.2 W96 02'32.0

Sampling hour: 09:00

Parameter	Result	Method name	Analysis date
Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	March 14, 2017
Copper (Cu)	0.0026 mg/L	Sous-traitance\Multilab Direct	March 14, 2017
Total Cyanide (CNT)	<0.001 mg/L	Sous-traitance\Multilab Direct	March 16, 2017
Total Suspended Solids	14 mg/L	M-SOLI-1.0	March 08, 2017
Nickel (Ni)	0.0008 mg/L	Sous-traitance\Multilab Direct	March 14, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	March 14, 2017
Radium (Ra 226)	<0.002 Becquerels/L	M-RA-2.0	March 16, 2017
Zinc (Zn)	0.017 mg/L	Sous-traitance\Multilab Direct	March 14, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

This report shall not be reproduced except in full without the written authority of the laboratory.



Detection limit

Lab number: V-62911

Sample name: ST-8/ST-MMER-3a Weekly

Sampling date: March 06, 2017

Sampling location: ST-8/ST-MMER-3a/N65 01'11.2 W96 02'32.0

Sampling hour: 09:00

Parameter	Value	Unit	Method	Accreditation
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Radium (Ra 226)	0.002	Becquerels/L	M-RA-2.0	Yes
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

This report shall not be reproduced except in full without the written authority of the laboratory.



Quality control Report

Lab number: V-62911

Sample name: ST-8/ST-MMER-3a Weekly

Sampling date: March 06, 2017

Sampling location: ST-8/ST-MMER-3a/N65 01'11.2 W96 02'32.0

Sampling hour: 09:00

Parameter	
Arsenic (As) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0984 Accuracy 98.4% Limit 0.0700 - 0.1300
Copper (Cu) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1155 Accuracy 84.5% Limit 0.0800 - 0.1200
Total Cyanide (CNT) mg/L	Blank <0.001 Standard name DMR-0052-CN Result 0.241 Accuracy 100% Limit 0.205 - 0.277
Total Suspended Solids mg/L	Blank <1 Standard name STD-MES 250mg/L Result 246 Accuracy 98.4% Limit 194 - 306
Nickel (Ni) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1120 Accuracy 88% Limit 0.0800 - 0.1200
Lead (Pb) mg/L	Blank <0.0003 Standard name C00-046-705_X_1000 Result 0.0918 Accuracy 91.8% Limit 0.0800 - 0.1200
Radium (Ra 226) Becquerels/L	Blank <0.002 Standard name STD 54981 Result 0.0790 Accuracy 96.1% Limit 0.0699 - 0.0945
Zinc (Zn) mg/L	Blank <0.001 Standard name C00-046-705_X_1000 Result 0.106 Accuracy 94% Limit 0.0800 - 0.1200

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Additional information

Lab number: V-62911

Sample name: ST-8/ST-MMER-3a Weekly

Sampling date: March 06, 2017

Sampling location: ST-8/ST-MMER-3a/N65 01'11.2 W96 02'32.0

Sampling hour: 09:00

Lab method	Method reference
M-MET-3.0	MA.200-Mét. 1.2
M-CN-1.0	MA.300-CN 1.2
M-SOLI-1.0	MA.104-S.S. 1.1
M-RA-2.0	APHA 7500-Ra B et EPA P.13 (EMSL-CI)

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
This report shall not be reproduced except in full without the written authority of the laboratory.



Certificate # : VD000002

Client # : 990

Client Reference #: N/A

CERTIFICAT OF ANALYSIS

Agnico Eagle Division Meadowbank
 General Delivery
 Baker Lake
 Nunavut X0C 0A0
 N° téléphone : (604) 677-0689
 Email : meadowbank.environment@agnicoeagle.com

IDENTIFICATION

		VD100211	VD100212	VD100213
Sample's conditions at reception	Conforme			
	Identification (Sample #)	ST-MMER-3a Weekly	ST-MMER-3a Weekly DUP	ST-MMER-3a Weekly FB
	Sampling site	ST-MMER-3a Weekly 65°01'11.2"N 96°02'32.0"W	ST-MMER-3a Weekly DUP 65°01'11.2"N 96°02'32.0"W	ST-MMER-3a Weekly FB 65°01'11.2"N 96°02'32.0"W
	Sampled on	2017-03-13	2017-03-13	2017-03-13
	Received on	2017-03-14	2017-03-14	2017-03-14
	Sampling type			
	Water source			
Matrix	Eau	Eau	Eau	

The sample's appreciation and conformity towards established norms, if applicable, is based and limited to analyzed parameters. This report can't be reproduced, unless in whole, without prior written authorization from the laboratory. The results are related only to samples submitted for testing.

Certificate's emission date : 2017-03-16

Total report's page 4



Certificate # : VD000002
Client # : 990
Client Reference # : N/A

RESULTS

Parameter (method)	Norms	Units	VD100211		VD100212		VD100213	
			Results	Date of analysis	Results	Date of analysis	Results	Date of analysis
M.E.S. (M-SOLI-1.0) a	N/A	mg/L	3	2017-03-16	3	2017-03-16	< 1	2017-03-16

The sample's appreciation and conformity towards established norms, if applicable, is based and limited to analyzed parameters. This report can't be reproduced, unless in whole, without prior written authorization from the laboratory. The results are related only to samples submitted for testing.

Certificate's emission date : 2017-03-16

Total report's page 4



QUALITY CONTROL

Blanks

<u>Parameters</u>	<u>Analytical procedure</u>	<u>Results</u>
M.E.S.	Gravimétrie	<1
M.E.S.	Gravimétrie	0
M.E.S.	Gravimétrie	0,5
M.E.S.	Gravimétrie	1
M.E.S.	Sous-traitance	<1
M.E.S.	Sous-traitance	0
M.E.S.	Sous-traitance	0,5
M.E.S.	Sous-traitance	1
M.E.S.	Technique inconnue	<1
M.E.S.	Technique inconnue	0
M.E.S.	Technique inconnue	0,5
M.E.S.	Technique inconnue	1

Reference material

<u>Material</u>	<u>Reference</u>	<u>Parameters</u>	<u>Analytical procedure</u>	<u>Results</u>	<u>Expected value</u>
STD-MES 25mg/L		M.E.S.	Gravimétrie	22	25

Duplicate results

<u>Sample #</u>	<u>Parameters</u>	<u>Analytical procedure</u>	<u>Results</u>	<u>Duplicate results</u>
-----------------	-------------------	-----------------------------	----------------	--------------------------

Legend :

The sample's appreciation and conformity towards established norms, if applicable, is based and limited to analyzed parameters. This report can't be reproduced, unless in whole, without prior written authorization from the laboratory. The results are related only to samples submitted for testing.

Certificate's emission date : 2017-03-16

Total report's page 4



Certificate # : VD000002
Client # : 990
Client Reference # : N/A

END OF REPORT

The sample's appreciation and conformity towards established norms, if applicable, is based and limited to analyzed parameters. This report can't be reproduced, unless in whole, without prior written authorization from the laboratory. The results are related only to samples submitted for testing.

Certificate's emission date : 2017-03-16

Total report's page 4



Certificate # : VD000134 R1

Client #: 990

Client Reference : N/A

CERTIFICATE OF ANALYSIS

Agnico Eagle Division Meadowbank

General Delivery

Baker Lake

Nunavut X0C 0A0

N° téléphone : (604) 677-0689

Sample # : VD100338 (ST-8/ST-MMER-3a Weekly)

Matrix : Eau

Received on : 2017-03-23

Sampled on : 2017-03-22

Sample's conditions at reception : Conforme

Sampling site : ST-MMER-3a WEEKLY/ 65° 01'11.2"N 96° 02'32.0"W

Parameter (method)	Result	Unit	Norm/ Recommendation	Date of analysis
M.E.S. (M-SOLI-1.0) a 2	3	mg/L		2017-03-24

Blank

<u>Parameter</u>	<u>Analytical procedure</u>	<u>Result</u>
M.E.S.	Gravimétrie	< 1

Reference material

<u>Material</u>	<u>Reference</u>	<u>Parameter</u>	<u>Analytical procedure</u>	<u>Result</u>	<u>Expected value</u>
STD-MES 25mg/L		M.E.S.	Gravimétrie	23	25

Duplicate result

<u>Sample</u>	<u>Parameter</u>	<u>Analytical Procedure</u>	<u>REsult</u>	<u>Duplicate Result</u>
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Legend :

a : Paramètre(s) accrédité(s) 2 : analyse effectuée au laboratoire H2Lab Val d'Or

Remarks :

Ré émission du certificat pour transfert au client.

Révision 1: (La raison) Cette révision remplace (VD000134 R0) et annule tout certificat antérieur.

The sample's appreciation and conformity towards established norms, if applicable, is based and limited to analyzed parameters. This report can't be reproduced, unless in whole, without prior written authorization from the laboratory. The results are related only to samples submitted for testing.

Certificate emission date: 2017-03-24

Page 1 of 1



900, 5th Avenue
Val-d'Or (Quebec) J9P 1B9
Phone : 819 874-0350
Toll Free: 1 877 326-8690
www.h2lab.ca

Certificate # : VD000230

Client #: 990

Client Reference : ST-8/ST-MMER-3a Monthly

CERTIFICATE OF ANALYSIS

Agnico Eagle Division Meadowbank

General Delivery
Baker Lake
Nunavut X0C 0A0
Phone number : (604) 677-0689

Sample # : VD100420 (ST-8/ST-MMER-3a Monthly)

Matrix : Water
Received on : 2017-03-30
Sampled on : 2017-03-30 8:0
Sampling site : ST-8/STMMER-3a Monthly 65° 01'11.2"N 96°
02'32.0"W
Sampler : Randy Schwandt/Martin T

Parameter (laboratory method)	Method of reference	Result	Detection Limit	Unit	Norm/ Recom.	Date of analysis
Total cyanide (tCN) (M-CN-1.0) a 1		< 0,001	0,00	mg/L		2017-04-03
Lead (Pb) (M-MET-3.0) a 1		<0,0003	0,00	mg/L		2017-04-04
Copper (Cu) (M-MET-3.0) a 1		<0,0005	0,00	mg/L		2017-04-04
Nickel (Ni) (M-MET-3.0) a 1		<0,0005	0,00	mg/L		2017-04-04
Zinc (Zn) (M-MET-3.0) a 1		<0,001	0,00	mg/L		2017-04-04
Arsenic (As) (M-MET-3.0) a 1		0,0023	0,00	mg/L		2017-04-04
Aluminium (Al) (M-MET-3.0) a 1		0,035	0,01	mg/L		2017-04-04
Radium (Ra 226) (M-RA-2.0) a 2		< 0,002	0,00	Bq/L		2017-04-12
Total suspended solids (M-SOLI-1.0) a 2		9	1,00	mg/L		2017-03-31
Sulfate (SO4) (M-SULF-2.0) a 1		15,8	0,60	mg SO4/L		2017-04-06

Blank

Parameter	Analytical procedure	Result
Total cyanide (tCN)	Cyanures	< 0,001
Radium (Ra 226)	Radium	< 0,002
Total suspended solids	Gravimétrie	< 1
Sulfate (SO4)	Technique inconnue	< 0,6

Reference material

Material	Reference	Parameter	Analytical procedure	Result	Expected value
Cep-34 E04		Total cyanide (tCN)	Cyanures	0,815	0.925
STD 54981		Radium (Ra 226)	Radium	0,070	0.0822
STD-MES 25mg/L		Total suspended solids	Gravimétrie	26	25
DMR-0119-2017-SO4		Sulfate (SO4)	Technique inconnue	121	123

Legend :

a : Parameter(s) accredited 1 : analysis made by H2Lab Laboratory at Rouyn-Noranda 2 : analysis made by H2Lab Laboratory at Val d'Or

The sample's appreciation and conformity towards established norms, if applicable, is based and limited to analyzed parameters. This report can't be reproduced, unless in whole, without prior written authorization from the laboratory. The results are related only to samples submitted for testing.

Client : 4299 MULTILAB - VAL-D'OR

Job Number: B717313

Client Project Name & Number: -

Test Result:

96 hrs LC50 %v/v (95% CL): >100 (N/A) **Statistical Method:** Visual

Toxic Units: <1.0

Comment: non-toxique

Sample Name : VD100477

Sample Matrix : WASTE WATER

Description: transparent, translucide, peu de solides

Sample Number: DU5480-01

Sample Collected: Apr 03, 2017 08:00 AM **Sampling Method :** Grab

Site Collection: ST-MMER-3b

Sample Collected By: MARTIN T. **Volume Received:** 40 L

Temp. Upon Arrival: 7 °C **Storage:** 2-6°C

Sample Received: Apr 05, 2017 09:30 AM **pH:** 7.2

Dissolved Oxygen: 10.5 mg/L

Analysis Start : Apr 06, 2017 01:55 PM **Temperature :** 15 °C

Sample Conductance: 70 µS/cm

Concentration	Temperature (°C)	pH (pH)	Conductivity (uS/cm)	Dissolved oxygen (mg/L)	Temperature (°C)	pH (pH)	Dissolved oxygen (mg/L)	Atypical Behaviour (#)	Atypical Behaviour (%)	Mortality (#)	Mortality (%)
%v/v	Initial	Initial	Initial	Initial	96 hrs	96 hr	96 hrs	24 hrs	24 hrs	24 hrs	24 hrs
0	14	7.3	249	10.1	14	7.4	10.3	0	0	0	0
6.25	14	7.3	239	10.0	14	7.4	10.2	0	0	0	0
12.5	14	7.3	227	10.3	14	7.4	10.3	0	0	0	0
25	14	7.3	204	10.2	14	7.4	10.3	0	0	0	0
50	14	7.3	161	10.1	14	7.4	10.3	0	0	0	0
100	14	7.3	70	10.1	14	7.3	10.3	0	0	0	0

Concentration	Atypical Behaviour (#)	Atypical Behaviour (%)	Mortality (#)	Mortality (%)	Atypical Behaviour (#)	Atypical Behaviour (%)	Mortality (#)	Mortality (%)	Atypical Behaviour (#)	Atypical Behaviour (%)	Mortality (#)	Mortality (%)
%v/v	48 hrs	48 hrs	48 hrs	48 hrs	72 hrs	72 hrs	72 hrs	72 hrs	96 hrs	96 hrs	96 hrs	96 hrs
0	0	0	0	0	0	0	0	0	0	0	0	0
6.25	0	0	0	0	0	0	0	0	0	0	0	0
12.5	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0
50	0	0	0	0	0	0	0	0	0	0	0	0
100	0	0	0	0	0	0	0	0	0	0	0	0

Comments : Aucune anomalie observée durant l'essai.

Culture/Control/Dilution Water

Dechlorinated municipal tap water

Hardness:

65 mg/l CaCO₃

Other parameters available on request.

Test Conditions

Test concentration : 0,6.25,12.5,25,50,100 (%v/v)

Organisms per Vessel : 10

Test Temperature : 15 ± 1 °C

Solution Depth : 20 cm

Total # of Organisms Used : 60

Pre-aeration Time : 120 min.

Rate of Aeration : 6.5±1 mL/min/L

Test Volume : 16 L

Vessel Volume : 20L

Test pH Adjusted: No

Loading Density : 0.3 g/L

Photoperiod : 16 hours of light; 8 hours of darkness

Type de réservoir d'essai: 20L glass aquarium with polyethylene bag.

The results contained in this report refer only to the testing of the sample submitted. This report may not be reproduced, except in its entirety, without the written approval of the laboratory.

Client : 4299 MULTILAB - VAL-D'OR
Client Project Name & Number : -

Job Number: B717313
Sample Number: DU5480-01

Test Organism : Rainbow Trout (*Oncorhynchus mykiss*) **Source :** Piscicultures Les Arpents Verts
Culture Temperature : 15 ± 2 °C **Weight (Mean) +- SD :** 0.50 ± 0.08 g **Length (Mean) +- SD :** 3.80 ± 0.25 cm
Culture Water Renewal : 2 liters/min **Weight (Range) :** 0.37 – 0.61 g **Length (Range) :** 3.40 – 4.30 cm
Culture Photoperiod : 16 hours of light; 8 hours of darkness **% Mortality within 7 days :** 0.1%
Feeding rate and frequency : 1-2x a day; 1-5% of the body weights. **Acclimation Time:** >14 days

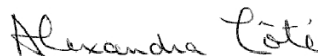
Reference chemical: Phenol **Test Date:** Apr 03, 2017
Test Endpoint 96 hrs LC50 (95% confidence interval) : 9.79 (6.00, 13.0)mg/L **Statistical Method :** Binomial
Historical Mean LC50 (warning limits) : 10.2 (7.37, 14.0) mg/L **Concentration :** 0,4,6,9,13,18 mg/L

Test Method QUE SOP - 00408. Reference Method for Determining Acute Lethality of Effluents to Rainbow Trout. EPS1/RM/13 - Second Edition. Environment Canada. 2000. (Including Amendments: May 2007).

This is essentially a 96H static test. Ten individuals are submitted to different effluent concentrations in order to measure the LC50 in controlled temperature, light intensity and loading density.

Method Deviations : Aucune

Analyst : Alexandra Côté, Olivier Roberge



Verified By : Alexandra Côté, B.Sc. Biologist

Date: Apr 13, 2017 04:34 PM

Client : 4299 MULTILAB - VAL-D'OR

Job Number: B717313

Client Project Name & Number: -

No. d'échantillon : DU5480-02

Test Result:

48 hrs LC50 %v/v (95% CL): >100 (N/A) Statistical Method: Visual

Toxic Units: <1.0

48 hrs EC50 %v/v (95% CL): >100 (N/A) Statistical Method: Visual

Comment: non-toxique

Sample Name : VD100477

Sample Matrix : WASTE WATER

Description: Incolore, inodore, translucide.

Sample Prior to Analysis:

Sample Collected: Apr 03, 2017 08:00 AM

Sampling Method : Grab

pH: 7.4

Sample Collected By: MARTIN T.

Site Collection: ST-MMER-3b

Temperature : 20 °C

Sample Received: Apr 05, 2017 09:30 AM

Volume Received: 1 L

Dissolved Oxygen: 9.3 mg/L

Analysis Start : Apr 06, 2017 12:20 PM

Temp. Upon Arrival: 7 °C

Sample Conductance: 70 µS/cm

End : Apr 08, 2017 01:55 PM

Storage: 2-6°C

Hardness: 315 mg CaCO₃/L

Concentration	Temperature (°C)	pH (pH)	Conductivity (µS/cm)	Dissolved oxygen (mg/L)	Temperature (°C)	pH (pH)	Dissolved oxygen (mg/L)	Immobility (#)	Immobility (%)	Mortality (#)	Mortality (%)
%v/v	Initial	Initial	Initial	Initial	48 hrs	48 hr	48 hrs	48 hrs	48 hrs	48 hrs	48 hrs
0	20	7.5	475	8.2	21	7.8	7.5	0	0	0	0
6.25	20	7.6	462	8.1	21	7.6	7.5	0	0	0	0
12.5	20	7.6	433	8.1	21	7.6	7.7	0	0	0	0
25	20	7.6	386	8.2	21	7.6	7.5	0	0	0	0
50	20	7.6	286	8.3	21	7.6	7.6	1	10.0	1	10.0
100	20	7.7	72	8.3	20	7.6	7.8	0	0	0	0

Comments :

Culture/Control/Dilution Water:

Reconstituted water for Daphnia

Hardness:

180 mg/l CaCO₃

Other parameters available on request.

Test Conditions

Test concentration : 0,6.25,12.5,25,50,100 (%v/v)

Organisms per Vessel : 10

Pre-aeration Time : 30 min

Rate of Pre-aeration : 40±5 mL/min/L

Total # of Organisms Used : 60

Test Temperature : 20 ± 2 °C

Test Hardness Adjusted : No

Test Volume : 150 mL

Vessel Volume : 270 ml

Test pH Adjusted: No

Loading Density : 15.0 mL/Daphnia

Photoperiod : 16 hours of light; 8 hours of darkness

Test Organism :

Daphnia magna

Source : Maxxam Lab Culture

Age at Test Initiation : <24 hres

Average Brood Size : 38.0

Culture Photoperiod : 16 hours of light; 8 hours of darkness

% Mortality within 7 days : 0

Culture Temperature : 20 ± 2 °C

Time To First Brood : 7 Days

Culture Diet

Fed once a day.

Reference chemical:

Potassium Dichromate

Test Date:

Apr 03, 2017

Test Endpoint 48 hrs LC50 (95% confidence interval) :

0.18 (0.13, 0.25)mg/L

Statistical Method :

Binomial

Historical Mean LC50 (warning limits) :

0.21 (0.11, 0.40) mg/L

Concentration : 0,0.0625,0.125,0.25,0.5,1 mg/L

Test Method

QUE SOP-00406. Reference Method for Determining Acute Lethality of Effluents to Daphnia magna. EPS1/RM/14 - Second Edition. Environment Canada. 2000.

This is essentially a 48H static test. Ten individuals are submitted to different effluent concentrations in order to measure the LC50 in controlled temperature, light intensity and loading density.

Method Deviations:

Aucune

The results contained in this report refer only to the testing of the sample submitted. This report may not be reproduced, except in its entirety, without the written approval of the laboratory.

Client : 4299 MULTILAB - VAL-D'OR
Client Project Name & Number: -

Job Number: B717313
No. d'échantillon : DU5480-02

Analyst : Keven Dumas, Victoria Saavedra Armero

Alexandra Côté

Verified By : Alexandra Côté, B.Sc. Biologist

Date: Apr 13, 2017 04:08 PM

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Toll Free: 1 877 326-8690
www.h2lab.ca

Certificate # : VD000588

Client # : 990

Client Reference : N/A

CERTIFICATE OF ANALYSIS

Agnico Eagle Division Meadowbank
General Delivery
Baker Lake
Nunavut X0C 0A0
Phone number : (604) 677-0689

Sample # : VD100471 (STP-IN)
Matrix : Water
Received on : 2017-04-04
Sampled on : 2017-04-03 8:00
Sampling site : STP-IN
Sampler : Fanny L / Jamie K

Parameter (laboratory method)	Method of reference	Result	Detection Limit	Unit	Norm/ Recom.	Date of analysis
BOD-5 (LBS-DBO-399-A) a 3		323	0	mg/L	-	2017-04-12
COD (M-DCO-1.0) a 1		422	2	mg/L		2017-04-05
Ammonia nitrogen (NH ₃ -NH ₄) (M-NH ₃ -2.0) a 1		86,36	0,01	mg N/L		2017-04-07
NH ₃ (Unionized) (M-NH ₃ -2.0 (Calculé)) a 1		0,54	0,01	mg N/L		2017-04-07
Nitrate (NO ₃) (M-NITR-2.0) a 1		0,04	0,01	mg N/L		2017-04-05
Nitrite (NO ₂) (M-NITR-2.0) a 1		0,04	0,01	mg N/L		2017-04-05
Kjeldahl nitrogen (M-NTK-1.0) a 1		102,58	0,1	mg N/L		2017-04-12
Total phosphorus (P) (M-P-3.0) a 1		9,41	0,01	mg P/L		2017-04-06
Total suspended solids (M-SOLI-1.0) a 2		133	1	mg/L		2017-04-05

Blank

Parameter	Result
COD	<2
Kjeldahl nitrogen	< 0,05
Total phosphorus (P)	< 0,01
Total suspended solids	< 1

Reference material

Material	Reference	Parameter	Result	Expected value
Dmr-0119-2017-7-DCO		COD	50	51
DMR-0119-2017-NTK		Kjeldahl nitrogen	5,29	5.62
DMR-0119-2017-Ptotal		Total phosphorus (P)	1,21	1.17
DMR-0188-2017-Ptotal		Total phosphorus (P)	1,08	1.17
STD-MES 25mg/L		Total suspended solids	23	25

Duplicate result

Sample	Parameter	Result	Duplicate Result
VD100471	Total suspended solids	133	130

Legend :

a : Parameter(s) accredited
1 : analysis made by H2Lab Laboratory at Rouyn-Noranda 2 : analysis made by H2Lab Laboratory at Val d'Or 3 : analysis made by H2Lab Laboratory at Sainte-Agathe-des-Monts



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Certificat # : VD000588

Client # : 990

Client Reference : N/A

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Certificate # : VD000589

Client # : 990

Client Reference : N/A

CERTIFICATE OF ANALYSIS

Agnico Eagle Division Meadowbank
General Delivery
Baker Lake
Nunavut X0C 0A0
Phone number : (604) 677-0689

Sample # : VD100472 (STP-LJMIX)
Matrix : Water
Received on : 2017-04-04
Sampled on : 2017-04-03 8:05
Sampling site : STP-LJMIX
Sampler : Fanny L / Jamie K

Parameter (laboratory method)	Method of reference	Result	Detection Limit	Unit	Norm/ Recom.	Date of analysis
BOD-5 (LBS-DBO-399-A) a 3		5	0	mg/L	-	2017-04-12
COD (M-DCO-1.0) a 1		55	2	mg/L		2017-04-05
Ammonia nitrogen (NH ₃ -NH ₄) (M-NH ₃ -2.0) a 1		9,51	0,01	mg N/L		2017-04-07
NH ₃ (Unionized) (M-NH ₃ -2.0 (Caculé)) a 1		0,02	0,01	mg N/L		2017-04-07
Nitrate (NO ₃) (M-NITR-2.0) a 1		13,7	0,01	mg N/L		2017-04-05
Nitrite (NO ₂) (M-NITR-2.0) a 1		0,26	0,01	mg N/L		2017-04-05
Kjeldahl nitrogen (M-NTK-1.0) a 1		11,07	0,1	mg N/L		2017-04-12
Total suspended solids (M-SOLI-1.0) a 2		18	1	mg/L		2017-04-05

Blank

Parameter	Result
COD	<2
Kjeldahl nitrogen	< 0,05
Total suspended solids	< 1

Reference material

Material	Reference	Parameter	Result	Expected value
Dmr-0119-2017-7-DCO		COD	50	51
DMR-0119-2017-NTK		Kjeldahl nitrogen	5,29	5.62
STD-MES 25mg/L		Total suspended solids	23	25

Legend :

a : Parameter(s) accredited
1 : analysis made by H2Lab Laboratory at Rouyn-Noranda 2 : analysis made by H2Lab Laboratory at Val d'Or 3 : analysis made by H2Lab Laboratory at Sainte-Agathe-des-Monts

The sample's appreciation and conformity towards established norms, if applicable, is based and limited to analyzed parameters. This report can't be reproduced, unless in whole, without prior written authorization from the laboratory. The results are related only to samples submitted for testing.



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Certificate # : VD000591

Client # : 990

Client Reference : N/A

CERTIFICATE OF ANALYSIS

Agnico Eagle Division Meadowbank
General Delivery
Baker Lake
Nunavut X0C 0A0
Phone number : (604) 677-0689

Sample # : VD100474 (ST-S-5)
Matrix : Water
Received on : 2017-04-04
Sampled on : 2017-04-03 7:15
Sampling site : ST-S-5
Sampler : Fanny L / Jamie K

Parameter (laboratory method)	Method of reference	Result	Detection Limit	Unit	Norm/ Recom.	Date of analysis
Chloride (Cl) (M-CL-2.0) a 1		571,7	0,5	mg/L		2017-04-06
Cyanide W.A.D. (M-CN-1.0) a 1		0,101	0,001	mg/L		2017-04-06
Total cyanide (tCN) (M-CN-1.0) a 1		0,179	0,001	mg/L		2017-04-06
Fluoride (F) (M-F-1.0) a 1		0,51	0,02	mg/L		2017-04-06
Aluminium (Al) (M-MET-3.0) a 1		<0,006	0,006	mg/L		2017-04-07
Arsenic (As) (M-MET-3.0) a 1		0,0307	0,0005	mg/L		2017-04-07
Barium (Ba) (M-MET-3.0) a 1		0,0174	0,0005	mg/L		2017-04-11
Cadmium (Cd) (M-MET-3.0) a 1		0,00073	0,00002	mg/L		2017-04-07
Chromium (Cr) (M-MET-3.0) a 1		<0,0006	0,0006	mg/L		2017-04-07
Copper (Cu) (M-MET-3.0) a 1		0,0041	0,0005	mg/L		2017-04-07
Dissolved aluminium (Al) (M-MET-3.0) 1		<0,006	0,006	mg/L		2017-04-07
Dissolved arsenic (As) (M-MET-3.0) 1		0,0128	0,0005	mg/L		2017-04-07
Dissolved barium (Ba) (M-MET-3.0) 1		0,0209	0,0005	mg/L		2017-04-07
Dissolved cadmium (Cd) (M-MET-3.0) 1		0,00069	0,00002	mg/L		2017-04-07
Dissolved chromium (Cr) (M-MET-3.0) 1		<0,0006	0,0006	mg/L		2017-04-07
Dissolved copper (Cu) (M-MET-3.0) 1		0,0051	0,0005	mg/L		2017-04-07
Dissolved iron (Fe) (M-MET-3.0) 1		<0,01	0,01	mg/L		2017-04-07
Dissolved lead (Pb) (M-MET-3.0) 1		<0,0003	0,0003	mg/L		2017-04-07
Dissolved manganese (Mn) (M-MET-3.0) 1		2,2150	0,0005	mg/L		2017-04-07
Dissolved mercury (Hg) (M-MET-3.0) 1		<0,00001	0,00001	mg/L		2017-04-07
Dissolved molybdenum (Mo) (M-MET-3.0) 1		0,3333	0,0005	mg/L		2017-04-07
Dissolved nickel (Ni) (M-MET-3.0) 1		0,0126	0,0005	mg/L		2017-04-07
Dissolved selenium (Se) (M-MET-3.0) 1		0,024	0,001	mg/L		2017-04-07
Dissolved silver (Ag) (M-MET-3.0) 1		<0,0001	0,0001	mg/L		2017-04-07
Dissolved thallium (Tl) (M-MET-3.0) 1		<0,0008	0,0008	mg/L		2017-04-11
Dissolved zinc (Zn) (M-MET-3.0) 1		<0,001	0,001	mg/L		2017-04-07



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 Client # : 990
 Client Reference : N/A

Hardness (M-MET-3.0) 1	1027	1	mg CaCO3/L	2017-04-07
Iron (Fe) (M-MET-3.0) a 1	1,89	0,01	mg/L	2017-04-07
Lead (Pb) (M-MET-3.0) a 1	<0,0003	0,0003	mg/L	2017-04-07
Manganese (Mn) (M-MET-3.0) a 1	2,0740	0,0005	mg/L	2017-04-07
Mercury (Hg) (M-MET-3.0) a 1	<0,00001	0,00001	mg/L	2017-04-07
Molybdenum (Mo) (M-MET-3.0) a 1	0,3024	0,0005	mg/L	2017-04-07
Nickel (Ni) (M-MET-3.0) a 1	0,0115	0,0005	mg/L	2017-04-07
Selenium (Se) (M-MET-3.0) a 1	0,009	0,001	mg/L	2017-04-07
Silver (Ag) (M-MET-3.0) a 1	<0,0001	0,0001	mg/L	2017-04-07
Thallium (Tl) (M-MET-3.0) 1	<0,0008	0,0008	mg/L	2017-04-11
Zinc (Zn) (M-MET-3.0) a 1	<0,001	0,001	mg/L	2017-04-07
Ammonia nitrogen (NH3-NH4) (M-NH3-2.0) a 1	29,41	0,01	mg N/L	2017-04-07
NH3 (Unionized) (M-NH3-2.0 (Calculé) a 1	0,28	0,01	mg N/L	2017-04-07
Nitrate (NO3) (M-NITR-2.0) a 1	< 0,01	0,01	mg N/L	2017-04-05
Nitrite (NO2) (M-NITR-2.0) a 1	0,03	0,01	mg N/L	2017-04-05
Total suspended solids (M-SOLI-1.0) a 2	9	1	mg/L	2017-04-05
Sulfate (SO4) (M-SULF-2.0) a 1	1968	0,6	mg SO4/L	2017-04-06
Alkalinity (M-TIT-1.0) 2	130	2	mg CaCO3/L	2017-04-04
Dissolved solids (M-TIT-1.0) 2	3131	1	mg/L	2017-04-04



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Certificat # : VD000591
Client # : 990
Client Reference : N/A

Blank

<u>Parameter</u>	<u>Result</u>
Chloride (Cl)	< 0,5
Cyanide W.A.D.	< 0,001
Total cyanide (tCN)	< 0,001
Fluoride (F)	< 0,02
Aluminium (Al)	<0,006
Dissolved aluminium (Al)	<0,006
Silver (Ag)	<0,0001
Dissolved silver (Ag)	<0,0001
Arsenic (As)	<0,0005
Dissolved arsenic (As)	<0,0005
Barium (Ba)	<0,0005
Dissolved barium (Ba)	<0,0005
Cadmium (Cd)	<0,00002
Dissolved cadmium (Cd)	<0,00002
Chromium (Cr)	<0,0006
Dissolved chromium (Cr)	<0,0006
Copper (Cu)	<0,0005
Dissolved copper (Cu)	<0,0005
Hardness	
Iron (Fe)	<0,01
Dissolved iron (Fe)	<0,01
Manganese (Mn)	<0,0005
Dissolved manganese (Mn)	<0,0005
Mercury (Hg)	<0,00001
Dissolved mercury (Hg)	<0,00001
Molybdenum (Mo)	<0,0005
Dissolved molybdenum (Mo)	<0,0005
Nickel (Ni)	<0,0005
Dissolved nickel (Ni)	<0,0005
Lead (Pb)	<0,0003
Dissolved lead (Pb)	<0,0003
Selenium (Se)	<0,001
Dissolved selenium (Se)	<0,001
Thallium (Tl)	<0,0008
Zinc (Zn)	<0,001
Dissolved zinc (Zn)	<0,001
Total suspended solids	< 1
Sulfate (SO ₄)	< 0,6



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Certificat # : VD000591
 Client # : 990
 Client Reference : N/A

Reference material

<u>Material</u>	<u>Reference</u>	<u>Parameter</u>	<u>Result</u>	<u>Expected value</u>
DMR-0119-2017-CI		Chloride (Cl)	113,7	108
Cep-34 E04		Cyanide W.A.D.	0,728	0.807
Cep-34 E04		Total cyanide (tCN)	0,822	0.925
DMR-0119-2017-F		Fluoride (F)	2,41	2.31
C00-046-705_X_1000		Aluminium (Al)	1,060	1.000
C00-046-705_X_1000		Dissolved aluminium (Al)	0,988	1.000
DMR-0175-2016-Ag		Silver (Ag)	0,6393	0.724
DMR-0175-2016-Ag		Dissolved silver (Ag)	0,6576	0.724
C00-046-705_X_1000		Arsenic (As)	0,0936	0.1000
C00-046-705_X_1000		Dissolved arsenic (As)	0,0966	0.1000
DMR-0614-2016-Eu		Barium (Ba)	2,0500	2.43
C00-046-705_X_1000		Dissolved barium (Ba)	0,0813	0.1000
C00-046-705_X_1000		Cadmium (Cd)	0,09573	0.1000
C00-046-705_X_1000		Dissolved cadmium (Cd)	0,09219	0.1000
C00-046-705_X_1000		Chromium (Cr)	0,0990	0.1000
C00-046-705_X_1000		Dissolved chromium (Cr)	0,0997	0.1000
C00-046-705_X_1000		Copper (Cu)	0,1033	0.1000
C00-046-705_X_1000		Dissolved copper (Cu)	0,1050	0.1000
C00-046-705_X_1000		Iron (Fe)	1,03	1.000
C00-046-705_X_1000		Dissolved iron (Fe)	0,99	1.000
C00-046-705_X_1000		Manganese (Mn)	0,1042	0.1000
C00-046-705_X_1000		Dissolved manganese (Mn)	0,1003	0.1000
DMR-0052-2017-HgEu		Mercury (Hg)	0,00061	0.00070
DMR-0052-2017-HgEu		Dissolved mercury (Hg)	0,00059	0.00070
C00-046-705_X_1000		Molybdenum (Mo)	0,0944	0.1000
C00-046-705_X_1000		Dissolved molybdenum (Mo)	0,0924	0.1000
C00-046-705_X_1000		Nickel (Ni)	0,1014	0.1000
C00-046-705_X_1000		Dissolved nickel (Ni)	0,0999	0.1000
C00-046-705_X_1000		Lead (Pb)	0,0897	0.1000
C00-046-705_X_1000		Dissolved lead (Pb)	0,0918	0.1000
C00-046-705_X_1000		Selenium (Se)	0,099	0.1000
C00-046-705_X_1000		Dissolved selenium (Se)	0,097	0.1000
TI-S140909023-1000p		Thallium (Tl)	932,0000	1000
pm				
C00-046-705_X_1000		Zinc (Zn)	0,104	0.1000
C00-046-705_X_1000		Dissolved zinc (Zn)	0,102	0.1000
STD-MES 25mg/L		Total suspended solids	23	25
DMR-0119-2017-SO4		Sulfate (SO4)	121	123

Legend :

a : Parameter(s) accredited 1 : analysis made by H2Lab Laboratory at Rouyn-Noranda 2 : analysis made by H2Lab Laboratory at Val d'Or

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Certificate # : VD000593

Client # : 990

Client Reference : N/A

CERTIFICATE OF ANALYSIS

Agnico Eagle Division Meadowbank
General Delivery
Baker Lake
Nunavut X0C 0A0
Phone number : (604) 677-0689

Sample # : VD100476 (ST-S- FB)
Matrix : Water
Received on : 2017-04-04
Sampled on : 2017-04-03 7:15
Sampling site : ST-S-5
Sampler : Fanny L / Jamie K

Parameter (laboratory method)	Method of reference	Result	Detection Limit	Unit	Norm/ Recom.	Date of analysis
Chloride (Cl) (M-CL-2.0) a 1		< 0,5	0,5	mg/L		2017-04-06
Cyanide W.A.D. (M-CN-1.0) a 1		< 0,001	0,001	mg/L		2017-04-06
Total cyanide (tCN) (M-CN-1.0) a 1		0,003	0,001	mg/L		2017-04-06
Fluoride (F) (M-F-1.0) a 1		< 0,02	0,02	mg/L		2017-04-06
Aluminium (Al) (M-MET-3.0) a 1		<0,006	0,006	mg/L		2017-04-07
Arsenic (As) (M-MET-3.0) a 1		<0,0005	0,0005	mg/L		2017-04-07
Barium (Ba) (M-MET-3.0) a 1		<0,0005	0,0005	mg/L		2017-04-11
Cadmium (Cd) (M-MET-3.0) a 1		<0,00002	0,00002	mg/L		2017-04-07
Chromium (Cr) (M-MET-3.0) a 1		0,0012	0,0006	mg/L		2017-04-07
Copper (Cu) (M-MET-3.0) a 1		<0,0005	0,0005	mg/L		2017-04-07
Dissolved aluminium (Al) (M-MET-3.0) 1		<0,006	0,006	mg/L		2017-04-07
Dissolved arsenic (As) (M-MET-3.0) 1		<0,0005	0,0005	mg/L		2017-04-07
Dissolved barium (Ba) (M-MET-3.0) 1		<0,0005	0,0005	mg/L		2017-04-07
Dissolved cadmium (Cd) (M-MET-3.0) 1		<0,00002	0,00002	mg/L		2017-04-07
Dissolved chromium (Cr) (M-MET-3.0) 1		0,0006	0,0006	mg/L		2017-04-07
Dissolved copper (Cu) (M-MET-3.0) 1		<0,0005	0,0005	mg/L		2017-04-07
Dissolved iron (Fe) (M-MET-3.0) 1		<0,01	0,01	mg/L		2017-04-07
Dissolved lead (Pb) (M-MET-3.0) 1		0,0083	0,0003	mg/L		2017-04-14
Dissolved manganese (Mn) (M-MET-3.0) 1		<0,0005	0,0005	mg/L		2017-04-07
Dissolved mercury (Hg) (M-MET-3.0) 1		<0,00001	0,00001	mg/L		2017-04-07
Dissolved molybdenum (Mo) (M-MET-3.0) 1		<0,0005	0,0005	mg/L		2017-04-14
Dissolved nickel (Ni) (M-MET-3.0) 1		<0,0005	0,0005	mg/L		2017-04-07
Dissolved selenium (Se) (M-MET-3.0) 1		<0,001	0,001	mg/L		2017-04-07
Dissolved silver (Ag) (M-MET-3.0) 1		<0,0001	0,0001	mg/L		2017-04-14
Dissolved thallium (Tl) (M-MET-3.0) 1		<0,0008	0,0008	mg/L		2017-04-11
Dissolved zinc (Zn) (M-MET-3.0) 1		<0,001	0,001	mg/L		2017-04-07



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Hardness (M-MET-3.0) 1	< 1	1	mg CaCO3/L	2017-04-07
Iron (Fe) (M-MET-3.0) a 1	<0,01	0,01	mg/L	2017-04-07
Lead (Pb) (M-MET-3.0) a 1	<0,0003	0,0003	mg/L	2017-04-07
Manganese (Mn) (M-MET-3.0) a 1	<0,0005	0,0005	mg/L	2017-04-07
Mercury (Hg) (M-MET-3.0) a 1	<0,00001	0,00001	mg/L	2017-04-07
Molybdenum (Mo) (M-MET-3.0) a 1	0,0005	0,0005	mg/L	2017-04-07
Nickel (Ni) (M-MET-3.0) a 1	<0,0005	0,0005	mg/L	2017-04-07
Selenium (Se) (M-MET-3.0) a 1	<0,001	0,001	mg/L	2017-04-07
Silver (Ag) (M-MET-3.0) a 1	<0,0001	0,0001	mg/L	2017-04-07
Thallium (Tl) (M-MET-3.0) 1	<0,0008	0,0008	mg/L	2017-04-11
Zinc (Zn) (M-MET-3.0) a 1	<0,001	0,001	mg/L	2017-04-07
Ammonia nitrogen (NH3-NH4) (M-NH3-2.0) a 1	0,01	0,01	mg N/L	2017-04-07
NH3 (Unionized) (M-NH3-2.0 (Calculé) a 1	< 0,01	0,01	mg N/L	2017-04-07
Nitrate (NO3) (M-NITR-2.0) a 1	< 0,01	0,01	mg N/L	2017-04-05
Nitrite (NO2) (M-NITR-2.0) a 1	< 0,01	0,01	mg N/L	2017-04-05
Total suspended solids (M-SOLI-1.0) a 2	3	1	mg/L	2017-04-05
Sulfate (SO4) (M-SULF-2.0) a 1	5,0	0,6	mg SO4/L	2017-04-06
Alkalinity (M-TIT-1.0) 2	6	2	mg CaCO3/L	2017-04-04
Dissolved solids (M-TIT-1.0) 2	2	1	mg/L	2017-04-04



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Certificat # : VD000593

Client # : 990

Client Reference : N/A

Blank

<u>Parameter</u>	<u>Result</u>
Chloride (Cl)	< 0,5
Cyanide W.A.D.	< 0,001
Total cyanide (tCN)	< 0,001
Fluoride (F)	< 0,02
Aluminium (Al)	<0,006
Dissolved aluminium (Al)	<0,006
Silver (Ag)	<0,0001
Arsenic (As)	<0,0005
Dissolved arsenic (As)	<0,0005
Barium (Ba)	<0,0005
Dissolved barium (Ba)	<0,0005
Cadmium (Cd)	<0,00002
Dissolved cadmium (Cd)	<0,00002
Chromium (Cr)	<0,0006
Dissolved chromium (Cr)	<0,0006
Copper (Cu)	<0,0005
Dissolved copper (Cu)	<0,0005
Hardness	
Iron (Fe)	<0,01
Dissolved iron (Fe)	<0,01
Manganese (Mn)	<0,0005
Dissolved manganese (Mn)	<0,0005
Mercury (Hg)	<0,00001
Dissolved mercury (Hg)	<0,00001
Molybdenum (Mo)	<0,0005
Dissolved molybdenum (Mo)	<0,0005
Nickel (Ni)	<0,0005
Dissolved nickel (Ni)	<0,0005
Lead (Pb)	<0,0003
Dissolved lead (Pb)	<0,0003
Selenium (Se)	<0,001
Dissolved selenium (Se)	<0,001
Thallium (Tl)	<0,0008
Zinc (Zn)	<0,001
Dissolved zinc (Zn)	<0,001
Total suspended solids	< 1
Sulfate (SO4)	< 0,6



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 Client # : 990
 Client Reference : N/A

Reference material

<u>Material</u>	<u>Reference</u>	<u>Parameter</u>	<u>Result</u>	<u>Expected value</u>
DMR-0119-2017-CI		Chloride (Cl)	113,7	108
Cep-34 E04		Cyanide W.A.D.	0,728	0.807
Cep-34 E04		Total cyanide (tCN)	0,822	0.925
DMR-0119-2017-F		Fluoride (F)	2,41	2.31
C00-046-705_X_1000		Aluminium (Al)	1,060	1.000
C00-046-705_X_1000		Dissolved aluminium (Al)	0,988	1.000
DMR-0175-2016-Ag		Silver (Ag)	0,6393	0.724
C00-046-705_X_1000		Arsenic (As)	0,0936	0.1000
C00-046-705_X_1000		Dissolved arsenic (As)	0,0966	0.1000
DMR-0614-2016-Eu		Barium (Ba)	2,0500	2.43
C00-046-705_X_1000		Dissolved barium (Ba)	0,0813	0.1000
C00-046-705_X_1000		Cadmium (Cd)	0,09573	0.1000
C00-046-705_X_1000		Dissolved cadmium (Cd)	0,09219	0.1000
C00-046-705_X_1000		Chromium (Cr)	0,0990	0.1000
C00-046-705_X_1000		Dissolved chromium (Cr)	0,0997	0.1000
C00-046-705_X_1000		Copper (Cu)	0,1033	0.1000
C00-046-705_X_1000		Dissolved copper (Cu)	0,1050	0.1000
C00-046-705_X_1000		Iron (Fe)	1,03	1.000
C00-046-705_X_1000		Dissolved iron (Fe)	0,99	1.000
C00-046-705_X_1000		Manganese (Mn)	0,1042	0.1000
C00-046-705_X_1000		Dissolved manganese (Mn)	0,1003	0.1000
DMR-0052-2017-HgEu		Mercury (Hg)	0,00061	0.00070
DMR-0052-2017-HgEu		Dissolved mercury (Hg)	0,00059	0.00070
C00-046-705_X_1000		Molybdenum (Mo)	0,0944	0.1000
C00-046-705_X_1000		Dissolved molybdenum (Mo)	0,0924	0.1000
C00-046-705_X_1000		Nickel (Ni)	0,1014	0.1000
C00-046-705_X_1000		Dissolved nickel (Ni)	0,0999	0.1000
C00-046-705_X_1000		Lead (Pb)	0,0897	0.1000
C00-046-705_X_1000		Dissolved lead (Pb)	0,0918	0.1000
C00-046-705_X_1000		Selenium (Se)	0,099	0.1000
C00-046-705_X_1000		Dissolved selenium (Se)	0,097	0.1000
TI-S140909023-1000p		Thallium (Tl)	932,0000	1000
pm				
C00-046-705_X_1000		Zinc (Zn)	0,104	0.1000
C00-046-705_X_1000		Dissolved zinc (Zn)	0,102	0.1000
STD-MES 25mg/L		Total suspended solids	23	25
DMR-0119-2017-SO4		Sulfate (SO4)	121	123

Legend :

a : Parameter(s) accredited 1 : analysis made by H2Lab Laboratory at Rouyn-Noranda 2 : analysis made by H2Lab Laboratory at Val d'Or

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Certificate # : VD000594

Client #: 990

Client Reference : ST-8/ST-MMER3ab Monthly

CERTIFICATE OF ANALYSIS

Agnico Eagle Division Meadowbank
General Delivery
Baker Lake
Nunavut X0C 0A0
Phone number : (604) 677-0689

Sample # : VD100477 (ST-8/ST-MMER3ab Monthly)
Matrix : Water
Received on : 2017-04-04
Sampled on : 2017-04-03 8:00
Sampling site : ST-8/ST-MMER3ab Monthly
Sampler : Fanny L / Jamie K

Parameter (laboratory method)	Method of reference	Result	Detection Limit	Unit	Norm/ Recom.	Date of analysis
Total cyanide (tCN) (M-CN-1.0) a 1		0,002	0,001	mg/L		2017-04-11
Aluminium (Al) (M-MET-3.0) a 1		0,042	0,006	mg/L		2017-04-07
Arsenic (As) (M-MET-3.0) a 1		<0,0005	0,0005	mg/L		2017-04-07
Copper (Cu) (M-MET-3.0) a 1		0,0018	0,0005	mg/L		2017-04-07
Lead (Pb) (M-MET-3.0) a 1		<0,0003	0,0003	mg/L		2017-04-07
Nickel (Ni) (M-MET-3.0) a 1		0,0007	0,0005	mg/L		2017-04-07
Zinc (Zn) (M-MET-3.0) a 1		<0,001	0,001	mg/L		2017-04-07
Radium (Ra 226) (M-RA-2.0) a 2		< 0,002	0,002	Bq/L		2017-04-19
Total suspended solids (M-SOLI-1.0) a 2		8	1	mg/L		2017-04-05
Sulfate (SO4) (M-SULF-2.0) a 1		16,6	0,6	mg SO4/L		2017-04-06
Rainbow trout (Sous-traitance) a st3		See attached file	0	-	-	2017-04-06
Daphnia magna (Sous-traitance (Maxxam)) a st3		See attached file	0	-	-	2017-04-06

Blank

Parameter	Result
Total cyanide (tCN)	< 0,001
Aluminium (Al)	<0,006
Arsenic (As)	<0,0005
Copper (Cu)	<0,0005
Nickel (Ni)	<0,0005
Lead (Pb)	<0,0003
Zinc (Zn)	<0,001
Radium (Ra 226)	< 0,002
Total suspended solids	< 1
Sulfate (SO4)	< 0,6



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Certificat # : VD000594

Client # : 990

Client Reference : ST-8/ST-MMER3ab Monthly

Reference material

<u>Material</u>	<u>Reference</u>	<u>Parameter</u>	<u>Result</u>	<u>Expected value</u>
Cep-34 E04		Total cyanide (tCN)	0,888	0.925
C00-046-705_X_1000		Aluminium (Al)	1,060	1.000
C00-046-705_X_1000		Arsenic (As)	0,0936	0.1000
C00-046-705_X_1000		Copper (Cu)	0,1033	0.1000
C00-046-705_X_1000		Nickel (Ni)	0,1014	0.1000
C00-046-705_X_1000		Lead (Pb)	0,0897	0.1000
C00-046-705_X_1000		Zinc (Zn)	0,104	0.1000
STD 54981		Radium (Ra 226)	0,071	0.0822
STD-MES 25mg/L		Total suspended solids	23	25
DMR-0119-2017-SO4		Sulfate (SO4)	121	123

Legend :

a : Parameter(s) accredited 2 : analysis made by H2Lab Laboratory at Val d'Or 1 : analysis made by H2Lab Laboratory at Rouyn-Noranda st3 : analysis made by outsourced laboratory

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Certificate # : VD000595 R1

Client # : 990

Client Reference : ST8/ST-MMER3ab Mounthly
 Dup

CERTIFICATE OF ANALYSIS

Agnico Eagle Division Meadowbank
 General Delivery
 Baker Lake
 Nunavut X0C 0A0
 Phone number : (604) 677-0689

Sample # : VD100478 (ST-8/ST-MMER3ab Monthly Dup)
 Matrix : Water
 Received on : 2017-04-04
 Sampled on : 2017-04-03 8:00
 Sampling site : ST-8/ST-MMER3ab Monthly
 Sampler : Fanny L / Jamie K

Parameter (laboratory method)	Method of reference	Result	Detection Limit	Unit	Norm/ Recom.	Date of analysis
Total cyanide (tCN) (M-CN-1.0) a 1		< 0,001	0,001	mg/L		2017-04-11
Aluminium (Al) (M-MET-3.0) a 1		0,041	0,006	mg/L		2017-04-07
Arsenic (As) (M-MET-3.0) a 1		<0,0005	0,0005	mg/L		2017-04-07
Copper (Cu) (M-MET-3.0) a 1		<0,0005	0,0005	mg/L		2017-04-07
Lead (Pb) (M-MET-3.0) a 1		<0,0003	0,0003	mg/L		2017-04-07
Nickel (Ni) (M-MET-3.0) a 1		0,0008	0,0005	mg/L		2017-04-07
Zinc (Zn) (M-MET-3.0) a 1		<0,001	0,001	mg/L		2017-04-07
Radium (Ra 226) (M-RA-2.0) a 2		< 0,002	0,002	Bq/L		2017-04-19
Total suspended solids (M-SOLI-1.0) a 2		6	1	mg/L		2017-04-05
Sulfate (SO4) (M-SULF-2.0) a 1		12,7	0,6	mg SO4/L		2017-04-06

Blank

Parameter	Result
Total cyanide (tCN)	< 0,001
Aluminium (Al)	<0,006
Arsenic (As)	<0,0005
Copper (Cu)	<0,0005
Nickel (Ni)	<0,0005
Lead (Pb)	<0,0003
Zinc (Zn)	<0,001
Radium (Ra 226)	< 0,002
Total suspended solids	< 1
Sulfate (SO4)	< 0,6

Reference material

Material	Reference	Parameter	Result	Expected value
Cep-34 E04		Total cyanide (tCN)	0,888	0.925
C00-046-705_X_1000		Aluminium (Al)	1,060	1.000
C00-046-705_X_1000		Arsenic (As)	0,0936	0.1000
C00-046-705_X_1000		Copper (Cu)	0,1033	0.1000
C00-046-705_X_1000		Nickel (Ni)	0,1014	0.1000
C00-046-705_X_1000		Lead (Pb)	0,0897	0.1000
C00-046-705_X_1000		Zinc (Zn)	0,104	0.1000
STD 54981		Radium (Ra 226)	0,071	0.0822
STD-MES 25mg/L		Total suspended solids	23	25
DMR-0119-2017-SO4		Sulfate (SO4)	121	123

Legend :

a : Parameter(s) accredited 1 : analysis made by H2Lab Laboratory at Rouyn-Noranda 2 : analysis made by H2Lab Laboratory at Val d'Or



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Certificat # : VD000595 R1

Client # : 990

Client Reference : ST8/ST-MMER3ab Mounthly
Dup

Remarks :

-

Revision 1: (Reason) This revision replaces (VD000595 R0) and cancels any previous certificate.

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Certificate # : VD000596

Client # : 990

Client Reference : ST8/ST-MMER3ab Monthly FB

CERTIFICATE OF ANALYSIS

Agnico Eagle Division Meadowbank

General Delivery
Baker Lake
Nunavut X0C 0A0
Phone number : (604) 677-0689

Sample # : VD100479 (ST-8/ST-MMER3ab Monthly FB)

Matrix : Water
Received on : 2017-04-04
Sampled on : 2017-04-03 8:00
Sampling site : ST-8/ST-MMER3ab Monthly
Sampler : Fanny L / Jamie K

Parameter (laboratory method)	Method of reference	Result	Detection Limit	Unit	Norm/ Recom.	Date of analysis
Total cyanide (tCN) (M-CN-1.0) a 1		< 0,001	0,001	mg/L		2017-04-11
Aluminium (Al) (M-MET-3.0) a 1		<0,006	0,006	mg/L		2017-04-07
Arsenic (As) (M-MET-3.0) a 1		<0,0005	0,0005	mg/L		2017-04-07
Copper (Cu) (M-MET-3.0) a 1		<0,0005	0,0005	mg/L		2017-04-07
Lead (Pb) (M-MET-3.0) a 1		<0,0003	0,0003	mg/L		2017-04-07
Nickel (Ni) (M-MET-3.0) a 1		<0,0005	0,0005	mg/L		2017-04-07
Zinc (Zn) (M-MET-3.0) a 1		<0,001	0,001	mg/L		2017-04-07
Radium (Ra 226) (M-RA-2.0) a 2		< 0,002	0,002	Bq/L		2017-04-19
Total suspended solids (M-SOLI-1.0) a 2		3	1	mg/L		2017-04-05
Sulfate (SO4) (M-SULF-2.0) a 1		< 0,6	0,6	mg SO4/L		2017-04-06

Blank

Parameter	Result
Total cyanide (tCN)	< 0,001
Aluminium (Al)	<0,006
Arsenic (As)	<0,0005
Copper (Cu)	<0,0005
Nickel (Ni)	<0,0005
Lead (Pb)	<0,0003
Zinc (Zn)	<0,001
Radium (Ra 226)	< 0,002
Total suspended solids	< 1
Sulfate (SO4)	< 0,6

Reference material

Material	Reference	Parameter	Result	Expected value
Cep-34 E04		Total cyanide (tCN)	0,888	0.925
C00-046-705_X_1000		Aluminium (Al)	1,060	1.000
C00-046-705_X_1000		Arsenic (As)	0,0936	0.1000
C00-046-705_X_1000		Copper (Cu)	0,1033	0.1000
C00-046-705_X_1000		Nickel (Ni)	0,1014	0.1000
C00-046-705_X_1000		Lead (Pb)	0,0897	0.1000
C00-046-705_X_1000		Zinc (Zn)	0,104	0.1000
STD 54981		Radium (Ra 226)	0,071	0.0822
STD-MES 25mg/L		Total suspended solids	23	25
DMR-0119-2017-SO4		Sulfate (SO4)	119	123

Legend :

a : Parameter(s) accredited 1 : analysis made by H2Lab Laboratory at Rouyn-Noranda 2 : analysis made by H2Lab Laboratory at Val d'Or



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Certificat # : VD000596

Client # : 990

Client Reference : ST8/ST-MMER3ab Mounthly FB

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Certificate # : VD000596 R1

Client # : 990

Client Reference : ST-8/ST-MMER-3ab Monthly FB

CERTIFICATE OF ANALYSIS

Agnico Eagle Division Meadowbank
 General Delivery
 Baker Lake
 Nunavut X0C 0A0
 Phone number : (604) 677-0689

Sample # : VD100479 (ST-8/ST-MMER-3ab Monthly FB)
 Matrix : Water
 Received on : 2017-04-04
 Sampled on : 2017-04-03 8:00
 Sampling site : ST-8/ST-MMER-3ab Monthly
 Sampler : Martin T

Parameter (laboratory method)	Method of reference	Result	Detection Limit	Unit	Norm/ Recom.	Date of analysis
Total cyanide (tCN) (M-CN-1.0) a 1		< 0,001	0,001	mg/L	-	2017-04-11
Aluminium (Al) (M-MET-3.0) a 1		<0,006	0,006	mg/L	-	2017-04-07
Arsenic (As) (M-MET-3.0) a 1		<0,0005	0,0005	mg/L	-	2017-04-07
Copper (Cu) (M-MET-3.0) a 1		<0,0005	0,0005	mg/L	-	2017-04-07
Lead (Pb) (M-MET-3.0) a 1		<0,0003	0,0003	mg/L	-	2017-04-07
Nickel (Ni) (M-MET-3.0) a 1		<0,0005	0,0005	mg/L	-	2017-04-07
Zinc (Zn) (M-MET-3.0) a 1		<0,001	0,001	mg/L	-	2017-04-07
Radium (Ra 226) (M-RA-2.0) a 2		< 0,002	0,002	Bq/L	-	2017-04-19
Total suspended solids (M-SOLI-1.0) a 2		3	1	mg/L	-	2017-04-05
Sulfate (SO4) (M-SULF-2.0) a 1		< 0,6	0,6	mg SO4/L	-	2017-04-06

Blank

Parameter	Result
Total cyanide (tCN)	< 0,001
Aluminium (Al)	<0,006
Arsenic (As)	<0,0005
Copper (Cu)	<0,0005
Nickel (Ni)	<0,0005
Lead (Pb)	<0,0003
Zinc (Zn)	<0,001
Radium (Ra 226)	< 0,002
Total suspended solids	< 1
Sulfate (SO4)	< 0,6

Reference material

Material	Reference	Parameter	Result	Expected value
Cep-34 E04		Total cyanide (tCN)	0,888	0.925
C00-046-705_X_1000		Aluminium (Al)	1,060	1.000
C00-046-705_X_1000		Arsenic (As)	0,0936	0.1000
C00-046-705_X_1000		Copper (Cu)	0,1033	0.1000
C00-046-705_X_1000		Nickel (Ni)	0,1014	0.1000
C00-046-705_X_1000		Lead (Pb)	0,0897	0.1000
C00-046-705_X_1000		Zinc (Zn)	0,104	0.1000
STD 54981		Radium (Ra 226)	0,071	0.0822
STD-MES 25mg/L		Total suspended solids	23	25
DMR-0119-2017-SO4		Sulfate (SO4)	119	123

Legend :

a : Parameter(s) accredited 1 : analysis made by H2Lab Laboratory at Rouyn-Noranda 2 : analysis made by H2Lab Laboratory at Val d'Or



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Certificat # : VD000596 R1

Client # : 990

Client Reference : ST-8/ST-MMER-3ab Monthly FB

Remarks :

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Revision 1: (Reason) This revision replaces (VD000596 R0) and cancels any previous certificate.

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Certificate # : VD000594 R1

Client #: 990

Client Reference : ST-8/ST-MMER-3ab Monthly

CERTIFICATE OF ANALYSIS

Agnico Eagle Division Meadowbank
General Delivery
Baker Lake
Nunavut X0C 0A0
Phone number : (604) 677-0689

Sample # : VD100477 (ST-8/ST-MMER-3ab Monthly)
Matrix : Water
Received on : 2017-04-04
Sampled on : 2017-04-03 8:00
Sampling site : ST-8/ST-MMER-3ab Monthly
Sampler : Martin T

Parameter (laboratory method)	Method of reference	Result	Detection Limit	Unit	Norm/ Recom.	Date of analysis
Total cyanide (tCN) (M-CN-1.0) a 1		0,002	0,001	mg/L	-	2017-04-11
Aluminium (Al) (M-MET-3.0) a 1		0,042	0,006	mg/L	-	2017-04-07
Arsenic (As) (M-MET-3.0) a 1		<0,0005	0,0005	mg/L	-	2017-04-07
Copper (Cu) (M-MET-3.0) a 1		0,0018	0,0005	mg/L	-	2017-04-07
Lead (Pb) (M-MET-3.0) a 1		<0,0003	0,0003	mg/L	-	2017-04-07
Nickel (Ni) (M-MET-3.0) a 1		0,0007	0,0005	mg/L	-	2017-04-07
Zinc (Zn) (M-MET-3.0) a 1		<0,001	0,001	mg/L	-	2017-04-07
Radium (Ra 226) (M-RA-2.0) a 2		< 0,002	0,002	Bq/L	-	2017-04-19
Total suspended solids (M-SOLI-1.0) a 2		8	1	mg/L	-	2017-04-05
Sulfate (SO4) (M-SULF-2.0) a 1		16,6	0,6	mg SO4/L	-	2017-04-06
Rainbow trout (Sous-traitance) a st3		See attached file	0	-	-	2017-04-06
Daphnia magna (Sous-traitance (Maxxam)) a st3		See attached file	0	-	-	2017-04-06

Blank

Parameter	Result
Total cyanide (tCN)	< 0,001
Aluminium (Al)	<0,006
Arsenic (As)	<0,0005
Copper (Cu)	<0,0005
Nickel (Ni)	<0,0005
Lead (Pb)	<0,0003
Zinc (Zn)	<0,001
Radium (Ra 226)	< 0,002
Total suspended solids	< 1
Sulfate (SO4)	< 0,6



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Certificat # : VD000594 R1

Client # : 990

Client Reference : ST-8/ST-MMER-3ab Monthly

Reference material

<u>Material</u>	<u>Reference</u>	<u>Parameter</u>	<u>Result</u>	<u>Expected value</u>
Cep-34 E04		Total cyanide (TCN)	0,888	0.925
C00-046-705_X_1000		Aluminium (Al)	1,060	1.000
C00-046-705_X_1000		Arsenic (As)	0,0936	0.1000
C00-046-705_X_1000		Copper (Cu)	0,1033	0.1000
C00-046-705_X_1000		Nickel (Ni)	0,1014	0.1000
C00-046-705_X_1000		Lead (Pb)	0,0897	0.1000
C00-046-705_X_1000		Zinc (Zn)	0,104	0.1000
STD 54981		Radium (Ra 226)	0,071	0.0822
STD-MES 25mg/L		Total suspended solids	23	25
DMR-0119-2017-SO4		Sulfate (SO4)	121	123

Legend :

a : Parameter(s) accredited 2 : analysis made by H2Lab Laboratory at Val d'Or 1 : analysis made by H2Lab Laboratory at Rouyn-Noranda st3 : analysis made by outsourced laboratory

Remarks :

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Revision 1: (Reason) This revision replaces (VD000594 R0) and cancels any previous certificate.

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Certificate # : VD000552 R1

Client # : 990

Client Reference : ST-EEM-3a DUP

CERTIFICATE OF ANALYSIS

Agnico Eagle Division Meadowbank
 General Delivery
 Baker Lake
 Nunavut X0C 0A0
 Project : N65° 01'11.2" W 96° 02'32.0"

Sample # : VD100489 (ST-EEM-3a DUP)
 Matrix : Water
 Received on : 2017-04-05
 Sampled on : 2017-04-04 8:00
 Sampling site : East dike
 Sampler : MT/JK

Parameter (laboratory method)	Method of reference	Result	Detection Limit	Unit	Norm/ Recom.	Date of analysis
Aluminium (Al) (M-MET-3.0) a 1		0,051	0,006	mg/L	-	2017-04-07
Cadmium (Cd) (M-MET-3.0) a 1		<0,00002	0,00002	mg/L	-	2017-04-07
Hardness (M-MET-3.0) 1		25	1	mg CaCO3/L		2017-04-07
Iron (Fe) (M-MET-3.0) a 1		0,08	0,01	mg/L	-	2017-04-07
Mercury (Hg) (M-MET-3.0) a 1		<0,00001	0,00001	mg/L	-	2017-04-11
Molybdenum (Mo) (M-MET-3.0) a 1		<0,0005	0,0005	mg/L		2017-04-07
Selenium (Se) (M-MET-3.0) a 1		<0,001	0,001	mg/L	-	2017-04-07
Ammonia nitrogen (NH3-NH4) (M-NH3-2.0) a 1		0,01	0,01	mg N/L	-	2017-04-07
NH3 (Unionized) (M-NH3-2.0) (Calculé) a 1		< 0,01	0,01	mg N/L	-	2017-04-07
Nitrate (NO3) (M-NITR-2.0) a 1		0,08	0,01	mg N/L	-	2017-04-11
Alkalinity (M-TIT-1.0) 2		31	2	mg CaCO3/L	-	2017-04-05

Blank

Parameter	Result
Aluminium (Al)	<0,006
Cadmium (Cd)	<0,00002
Hardness	
Iron (Fe)	<0,01
Mercury (Hg)	<0,00001
Molybdenum (Mo)	<0,0005
Selenium (Se)	<0,001
Alkalinity	

Reference material

Material	Reference	Parameter	Result	Expected value
C00-046-705_X_1000		Aluminium (Al)	1,060	1.000
C00-046-705_X_1000		Cadmium (Cd)	0,09573	0.1000
C00-046-705_X_1000		Iron (Fe)	1,03	1.000
DMR-0052-2017-HgEu		Mercury (Hg)	0,00064	0.00070
C00-046-705_X_1000		Molybdenum (Mo)	0,0927	0.1000
C00-046-705_X_1000		Selenium (Se)	0,099	0.1000
STD alcalinité		Alkalinity	147	145

Legend :

a : Parameter(s) accredited 1 : analysis made by H2Lab Laboratory at Rouyn-Noranda 2 : analysis made by H2Lab Laboratory at Val d'Or

Remarks :

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Revision 1: (Reason) This revision replaces (VD000552 R0) and cancels any previous certificate.



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Certificat # : VD000552 R1

Client # : 990

Client Reference : ST-EEM-3a DUP

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 Client # : 990
 Client Reference : ST-EEM-3a FB

CERTIFICATE OF ANALYSIS

Agnico Eagle Division Meadowbank
 General Delivery
 Baker Lake
 Nunavut X0C 0A0
 Project : N65° 01'11.2" W 96° 02'32.0"

Sample # : VD100490 (ST-EEM-3a FB)
 Matrix : Water
 Received on : 2017-04-05
 Sampled on : 2017-04-04 8:00
 Sampling site : East dike
 Sampler : MT/JK

Parameter (laboratory method)	Method of reference	Result	Detection Limit	Unit	Norm/ Recom.	Date of analysis
Aluminium (Al) (M-MET-3.0) a 1		<0,006	0,006	mg/L	-	2017-04-07
Cadmium (Cd) (M-MET-3.0) a 1		<0,00002	0,00002	mg/L	-	2017-04-07
Hardness (M-MET-3.0) 1		< 1	1	mg CaCO3/L		2017-04-07
Iron (Fe) (M-MET-3.0) a 1		<0,01	0,01	mg/L	-	2017-04-07
Mercury (Hg) (M-MET-3.0) a 1		<0,00001	0,00001	mg/L	-	2017-04-11
Molybdenum (Mo) (M-MET-3.0) a 1		<0,0005	0,0005	mg/L		2017-04-07
Selenium (Se) (M-MET-3.0) a 1		<0,001	0,001	mg/L	-	2017-04-07
Ammonia nitrogen (NH3-NH4) (M-NH3-2.0) a 1		0,02	0,01	mg N/L	-	2017-04-07
NH3 (Unionized) (M-NH3-2.0) (Calculé) a 1		< 0,01	0,01	mg N/L	-	2017-04-07
Nitrate (NO3) (M-NITR-2.0) a 1		< 0,01	0,01	mg N/L	-	2017-04-11
Alkalinity (M-TIT-1.0) 2		6	2	mg CaCO3/L	-	2017-04-05

Blank

Parameter	Result
Hardness	
Mercury (Hg)	<0,00001
Molybdenum (Mo)	<0,0005
Alkalinity	

Reference material

Material	Reference	Parameter	Result	Expected value
DMR-0052-2017-HgEu		Mercury (Hg)	0,00064	0.00070
C00-046-705_X_1000		Molybdenum (Mo)	0,0927	0.1000
STD alcalinité		Alkalinity	147	145

Legend :

a : Parameter(s) accredited 1 : analysis made by H2Lab Laboratory at Rouyn-Noranda 2 : analysis made by H2Lab Laboratory at Val d'Or

Remarks :

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Certificate # : VD000554 R1

Client #: 990

Client Reference : ST-EEM-3c-SP

CERTIFICATE OF ANALYSIS

Agnico Eagle Division Meadowbank
 General Delivery
 Baker Lake
 Nunavut X0C 0A0
 Project : N65°01'10.81" W96° 02'22.64"

Sample # : VD100491 (ST-EEM-3c-SP)
 Matrix : Water
 Received on : 2017-04-05
 Sampled on : 2017-04-03 15:00
 Sampling site : SP
 Sampler : MT/JK

Parameter (laboratory method)	Method of reference	Result	Detection Limit	Unit	Norm/ Recom.	Date of analysis
Total cyanide (tCN) (M-CN-1.0) a 1		0,001	0,001	mg/L	-	2017-04-07
Aluminium (Al) (M-MET-3.0) a 1		<0,006	0,006	mg/L	-	2017-04-07
Arsenic (As) (M-MET-3.0) a 1		<0,0005	0,0005	mg/L	-	2017-04-07
Cadmium (Cd) (M-MET-3.0) a 1		<0,00002	0,00002	mg/L	-	2017-04-07
Copper (Cu) (M-MET-3.0) a 1		<0,0005	0,0005	mg/L	-	2017-04-07
Hardness (M-MET-3.0) 1		13	1	mg CaCO3/L		2017-04-07
Iron (Fe) (M-MET-3.0) a 1		<0,01	0,01	mg/L	-	2017-04-07
Lead (Pb) (M-MET-3.0) a 1		<0,0003	0,0003	mg/L	-	2017-04-07
Mercury (Hg) (M-MET-3.0) a 1		<0,00001	0,00001	mg/L	-	2017-04-11
Molybdenum (Mo) (M-MET-3.0) a 1		<0,0005	0,0005	mg/L	-	2017-04-07
Nickel (Ni) (M-MET-3.0) a 1		<0,0005	0,0005	mg/L	-	2017-04-07
Selenium (Se) (M-MET-3.0) a 1		<0,001	0,001	mg/L	-	2017-04-07
Zinc (Zn) (M-MET-3.0) a 1		<0,001	0,001	mg/L	-	2017-04-07
Ammonia nitrogen (NH3-NH4) (M-NH3-2.0) a 1		0,03	0,01	mg N/L	-	2017-04-07
NH3 (Unionized) (M-NH3-2.0) (Calculé) a 1		< 0,01	0,01	mg N/L	-	2017-04-07
Nitrate (NO3) (M-NITR-2.0) a 1		0,02	0,01	mg N/L	-	2017-04-10
Total suspended solids (M-SOLI-1.0) a 2		< 1	1	mg/L	-	2017-04-06
Alkalinity (M-TIT-1.0) 2		19	2	mg CaCO3/L	-	2017-04-05

Blank

Parameter	Result
Hardness	
Mercury (Hg)	<0,00001
Total suspended solids	< 1
Alkalinity	

Reference material

Material	Reference	Parameter	Result	Expected value
DMR-0052-2017-HgEu		Mercury (Hg)	0,00064	0.00070
STD-MES 25mg/L		Total suspended solids	27	25
STD alcalinité		Alkalinity	147	145

Legend :

a : Parameter(s) accredited 1 : analysis made by H2Lab Laboratory at Rouyn-Noranda 2 : analysis made by H2Lab Laboratory at Val d'Or



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Certificat # : VD000554 R1

Client # : 990

Client Reference : ST-EEM-3c-SP

Remarks :

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Certificate # : VD000556 R1

Client # : 990

Client Reference : ST-EEM-3c-TPS

CERTIFICATE OF ANALYSIS

Agnico Eagle Division Meadowbank
 General Delivery
 Baker Lake
 Nunavut X0C 0A0
 Project : N65° 58'10.9" W96° 09'51.37"

Sample # : VD100493 (ST-EEM-3c-TPS)
 Matrix : Water
 Received on : 2017-04-05
 Sampled on : 2017-04-03 16:00
 Sampling site : TPS
 Sampler : MT/JK

Parameter (laboratory method)	Method of reference	Result	Detection Limit	Unit	Norm/ Recom.	Date of analysis
Total cyanide (tCN) (M-CN-1.0) a 1		< 0,001	0,001	mg/L	-	2017-04-11
Aluminium (Al) (M-MET-3.0) a 1		0,020	0,006	mg/L	-	2017-04-07
Arsenic (As) (M-MET-3.0) a 1		<0,0005	0,0005	mg/L	-	2017-04-07
Cadmium (Cd) (M-MET-3.0) a 1		<0,00002	0,00002	mg/L	-	2017-04-07
Copper (Cu) (M-MET-3.0) a 1		<0,0005	0,0005	mg/L	-	2017-04-07
Hardness (M-MET-3.0) 1		9	1	mg CaCO3/L		2017-04-07
Iron (Fe) (M-MET-3.0) a 1		<0,01	0,01	mg/L	-	2017-04-07
Lead (Pb) (M-MET-3.0) a 1		<0,0003	0,0003	mg/L	-	2017-04-07
Mercury (Hg) (M-MET-3.0) a 1		<0,00001	0,00001	mg/L	-	2017-04-11
Molybdenum (Mo) (M-MET-3.0) a 1		<0,0005	0,0005	mg/L	-	2017-04-07
Nickel (Ni) (M-MET-3.0) a 1		<0,0005	0,0005	mg/L	-	2017-04-07
Selenium (Se) (M-MET-3.0) a 1		<0,001	0,001	mg/L	-	2017-04-07
Zinc (Zn) (M-MET-3.0) a 1		<0,001	0,001	mg/L	-	2017-04-07
Ammonia nitrogen (NH3-NH4) (M-NH3-2.0) a 1		0,03	0,01	mg N/L	-	2017-04-07
NH3 (Unionized) (M-NH3-2.0) (Calculé) a 1		< 0,01	0,01	mg N/L	-	2017-04-07
Nitrate (NO3) (M-NITR-2.0) a 1		0,04	0,01	mg N/L	-	2017-04-10
Total suspended solids (M-SOLI-1.0) a 2		3	1	mg/L	-	2017-04-06
Alkalinity (M-TIT-1.0) 2		15	2	mg CaCO3/L	-	2017-04-05

Blank

Parameter	Result
Total cyanide (tCN)	< 0,001
Hardness	
Mercury (Hg)	<0,00001
Total suspended solids	< 1
Alkalinity	

Reference material

Material	Reference	Parameter	Result	Expected value
Cep-34 E04		Total cyanide (tCN)	0,888	0.925
DMR-0052-2017-HgEu		Mercury (Hg)	0,00064	0.00070
STD-MES 25mg/L		Total suspended solids	27	25
STD alcalinité		Alkalinity	147	145

Legend :

a : Parameter(s) accredited 1 : analysis made by H2Lab Laboratory at Rouyn-Noranda 2 : analysis made by H2Lab Laboratory at Val d'Or



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Certificat # : VD000556 R1

Client # : 990

Client Reference : ST-EEM-3c-TPS

Remarks :

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Certificate # : VD000557 R1

Client # : 990

Client Reference : ST-EEM-3c-TPS DUP

CERTIFICATE OF ANALYSIS

Agnico Eagle Division Meadowbank
 General Delivery
 Baker Lake
 Nunavut X0C 0A0
 Project : N65° 58'10.9" W96° 09'51.37"

Sample # : VD100494 (ST-EEM-3c-TPS DUP)
 Matrix : Water
 Received on : 2017-04-05
 Sampled on : 2017-04-03 16:00
 Sampling site : TPS
 Sampler : MT/JK

Parameter (laboratory method)	Method of reference	Result	Detection Limit	Unit	Norm/ Recom.	Date of analysis
Total cyanide (tCN) (M-CN-1.0) a 1		< 0,001	0,001	mg/L	-	2017-04-11
Aluminium (Al) (M-MET-3.0) a 1		<0,006	0,006	mg/L	-	2017-04-07
Arsenic (As) (M-MET-3.0) a 1		<0,0005	0,0005	mg/L	-	2017-04-07
Cadmium (Cd) (M-MET-3.0) a 1		<0,00002	0,00002	mg/L	-	2017-04-07
Copper (Cu) (M-MET-3.0) a 1		<0,0005	0,0005	mg/L	-	2017-04-07
Hardness (M-MET-3.0) 1		9	1	mg CaCO3/L		2017-04-07
Iron (Fe) (M-MET-3.0) a 1		<0,01	0,01	mg/L	-	2017-04-07
Lead (Pb) (M-MET-3.0) a 1		<0,0003	0,0003	mg/L	-	2017-04-07
Mercury (Hg) (M-MET-3.0) a 1		<0,00001	0,00001	mg/L	-	2017-04-11
Molybdenum (Mo) (M-MET-3.0) a 1		<0,0005	0,0005	mg/L	-	2017-04-07
Nickel (Ni) (M-MET-3.0) a 1		<0,0005	0,0005	mg/L	-	2017-04-07
Selenium (Se) (M-MET-3.0) a 1		<0,001	0,001	mg/L	-	2017-04-07
Zinc (Zn) (M-MET-3.0) a 1		<0,001	0,001	mg/L	-	2017-04-07
Ammonia nitrogen (NH3-NH4) (M-NH3-2.0) a 1		0,03	0,01	mg N/L	-	2017-04-07
NH3 (Unionized) (M-NH3-2.0) (Calculé) a 1		< 0,01	0,01	mg N/L	-	2017-04-07
Nitrate (NO3) (M-NITR-2.0) a 1		0,04	0,01	mg N/L	-	2017-04-10
Total suspended solids (M-SOLI-1.0) a 2		2	1	mg/L	-	2017-04-06
Alkalinity (M-TIT-1.0) 2		15	2	mg CaCO3/L	-	2017-04-05

Blank

Parameter	Result
Total cyanide (tCN)	< 0,001
Hardness	
Mercury (Hg)	<0,00001
Total suspended solids	< 1
Alkalinity	

Reference material

Material	Reference	Parameter	Result	Expected value
Cep-34 E04		Total cyanide (tCN)	0,888	0.925
DMR-0052-2017-HgEu		Mercury (Hg)	0,00064	0.00070
STD-MES 25mg/L		Total suspended solids	27	25
STD alcalinité		Alkalinity	147	145

Legend :

a : Parameter(s) accredited 1 : analysis made by H2Lab Laboratory at Rouyn-Noranda 2 : analysis made by H2Lab Laboratory at Val d'Or



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Certificat # : VD000557 R1

Client # : 990

Client Reference : ST-EEM-3c-TPS DUP

Remarks :

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Revision 1: (Reason) This revision replaces (VD000557 R0) and cancels any previous certificate.

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Certificate # : VD000595 R2

Client # : 990

Client Reference : ST-8/ST-MMER-3ab Monthly
 Dup

CERTIFICATE OF ANALYSIS

Agnico Eagle Division Meadowbank
 General Delivery
 Baker Lake
 Nunavut X0C 0A0
 Phone number : (604) 677-0689

Sample # : VD100478 (ST-8/ST-MMER-3ab Monthly Dup)
 Matrix : Water
 Received on : 2017-04-04
 Sampled on : 2017-04-03 8:00
 Sampling site : ST-8/ST-MMER-3ab Monthly
 Sampler : Martin T

Parameter (laboratory method)	Method of reference	Result	Detection Limit	Unit	Norm/ Recom.	Date of analysis
Total cyanide (tCN) (M-CN-1.0) a 1		< 0,001	0,001	mg/L	-	2017-04-11
Aluminium (Al) (M-MET-3.0) a 1		0,041	0,006	mg/L	-	2017-04-07
Arsenic (As) (M-MET-3.0) a 1		<0,0005	0,0005	mg/L	-	2017-04-07
Copper (Cu) (M-MET-3.0) a 1		<0,0005	0,0005	mg/L	-	2017-04-07
Lead (Pb) (M-MET-3.0) a 1		<0,0003	0,0003	mg/L	-	2017-04-07
Nickel (Ni) (M-MET-3.0) a 1		0,0008	0,0005	mg/L	-	2017-04-07
Zinc (Zn) (M-MET-3.0) a 1		<0,001	0,001	mg/L	-	2017-04-07
Radium (Ra 226) (M-RA-2.0) a 2		< 0,002	0,002	Bq/L	-	2017-04-19
Total suspended solids (M-SOLI-1.0) a 2		6	1	mg/L	-	2017-04-05
Sulfate (SO4) (M-SULF-2.0) a 1		12,7	0,6	mg SO4/L	-	2017-04-06

Blank

Parameter	Result
Total cyanide (tCN)	< 0,001
Aluminium (Al)	<0,006
Arsenic (As)	<0,0005
Copper (Cu)	<0,0005
Nickel (Ni)	<0,0005
Lead (Pb)	<0,0003
Zinc (Zn)	<0,001
Radium (Ra 226)	< 0,002
Total suspended solids	< 1
Sulfate (SO4)	< 0,6

Reference material

Material	Reference	Parameter	Result	Expected value
Cep-34 E04		Total cyanide (tCN)	0,888	0.925
C00-046-705_X_1000		Aluminium (Al)	1,060	1.000
C00-046-705_X_1000		Arsenic (As)	0,0936	0.1000
C00-046-705_X_1000		Copper (Cu)	0,1033	0.1000
C00-046-705_X_1000		Nickel (Ni)	0,1014	0.1000
C00-046-705_X_1000		Lead (Pb)	0,0897	0.1000
C00-046-705_X_1000		Zinc (Zn)	0,104	0.1000
STD 54981		Radium (Ra 226)	0,071	0.0822
STD-MES 25mg/L		Total suspended solids	23	25
DMR-0119-2017-SO4		Sulfate (SO4)	121	123

Legend :

a : Parameter(s) accredited 1 : analysis made by H2Lab Laboratory at Rouyn-Noranda 2 : analysis made by H2Lab Laboratory at Val d'Or



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Certificat # : VD000595 R2

Client # : 990

**Client Reference : ST-8/ST-MMER-3ab Monthly
Dup**

Remarks :

-
-

Revision 2: (Reason) This revision replaces (VD000595 R1) and cancels any previous certificate.

The sample's appreciation and conformity towards established norms, if applicable, is based and limited to analyzed parameters. This report can't be reproduced, unless in whole, without prior written authorization from the laboratory. The results are related only to samples submitted for testing.



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Certificate # : VD000592

Client # : 990

Client Reference : N/A

CERTIFICATE OF ANALYSIS

Agnico Eagle Division Meadowbank
General Delivery
Baker Lake
Nunavut X0C 0A0
Phone number : (604) 677-0689

Sample # : VD100475 (ST-S-5 Dup)
Matrix : Water
Received on : 2017-04-04
Sampled on : 2017-04-03 7:15
Sampling site : ST-S-5
Sampler : Fanny L / Jamie K

Parameter (laboratory method)	Method of reference	Result	Detection Limit	Unit	Norm/ Recom.	Date of analysis
Chloride (Cl) (M-CL-2.0) a 1		510,7	0,5	mg/L		2017-04-06
Cyanide W.A.D. (M-CN-1.0) a 1		0,099	0,001	mg/L		2017-04-06
Total cyanide (tCN) (M-CN-1.0) a 1		0,182	0,001	mg/L		2017-04-06
Fluoride (F) (M-F-1.0) a 1		0,52	0,02	mg/L		2017-04-06
Aluminium (Al) (M-MET-3.0) a 1		<0,006	0,006	mg/L		2017-04-07
Arsenic (As) (M-MET-3.0) a 1		0,0306	0,0005	mg/L		2017-04-07
Barium (Ba) (M-MET-3.0) a 1		0,0166	0,0005	mg/L		2017-04-11
Cadmium (Cd) (M-MET-3.0) a 1		0,00084	0,00002	mg/L		2017-04-07
Chromium (Cr) (M-MET-3.0) a 1		<0,0006	0,0006	mg/L		2017-04-07
Copper (Cu) (M-MET-3.0) a 1		0,0047	0,0005	mg/L		2017-04-07
Dissolved aluminium (Al) (M-MET-3.0) 1		<0,006	0,006	mg/L		2017-04-07
Dissolved arsenic (As) (M-MET-3.0) 1		0,0146	0,0005	mg/L		2017-04-07
Dissolved barium (Ba) (M-MET-3.0) 1		0,0205	0,0005	mg/L		2017-04-07
Dissolved cadmium (Cd) (M-MET-3.0) 1		0,00076	0,00002	mg/L		2017-04-07
Dissolved chromium (Cr) (M-MET-3.0) 1		<0,0006	0,0006	mg/L		2017-04-07
Dissolved copper (Cu) (M-MET-3.0) 1		0,0050	0,0005	mg/L		2017-04-07
Dissolved iron (Fe) (M-MET-3.0) 1		<0,01	0,01	mg/L		2017-04-07
Dissolved lead (Pb) (M-MET-3.0) 1		<0,0003	0,0003	mg/L		2017-04-07
Dissolved manganese (Mn) (M-MET-3.0) 1		2,1300	0,0005	mg/L		2017-04-07
Dissolved mercury (Hg) (M-MET-3.0) 1		0,00006	0,00001	mg/L		2017-04-07
Dissolved molybdenum (Mo) (M-MET-3.0) 1		0,3265	0,0005	mg/L		2017-04-07
Dissolved nickel (Ni) (M-MET-3.0) 1		0,0127	0,0005	mg/L		2017-04-07
Dissolved selenium (Se) (M-MET-3.0) 1		0,024	0,001	mg/L		2017-04-07
Dissolved silver (Ag) (M-MET-3.0) 1		<0,0001	0,0001	mg/L		2017-04-07
Dissolved thallium (Tl) (M-MET-3.0) 1		<0,0008	0,0008	mg/L		2017-04-11
Dissolved zinc (Zn) (M-MET-3.0) 1		<0,001	0,001	mg/L		2017-04-07



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Hardness (M-MET-3.0) 1	1110	1	mg CaCO3/L	2017-04-07
Iron (Fe) (M-MET-3.0) a 1	1,91	0,01	mg/L	2017-04-07
Lead (Pb) (M-MET-3.0) a 1	<0,0003	0,0003	mg/L	2017-04-07
Manganese (Mn) (M-MET-3.0) a 1	2,1750	0,0005	mg/L	2017-04-07
Mercury (Hg) (M-MET-3.0) a 1	<0,00001	0,00001	mg/L	2017-04-07
Molybdenum (Mo) (M-MET-3.0) a 1	0,3274	0,0005	mg/L	2017-04-07
Nickel (Ni) (M-MET-3.0) a 1	0,0138	0,0005	mg/L	2017-04-07
Selenium (Se) (M-MET-3.0) a 1	0,011	0,001	mg/L	2017-04-07
Silver (Ag) (M-MET-3.0) a 1	<0,0001	0,0001	mg/L	2017-04-07
Thallium (Tl) (M-MET-3.0) 1	<0,0008	0,0008	mg/L	2017-04-11
Zinc (Zn) (M-MET-3.0) a 1	<0,001	0,001	mg/L	2017-04-07
Ammonia nitrogen (NH3-NH4) (M-NH3-2.0) a 1	29,61	0,01	mg N/L	2017-04-07
NH3 (Unionized) (M-NH3-2.0 (Calculé) a 1	0,29	0,01	mg N/L	2017-04-07
Nitrate (NO3) (M-NITR-2.0) a 1	0,02	0,01	mg N/L	2017-04-05
Nitrite (NO2) (M-NITR-2.0) a 1	0,03	0,01	mg N/L	2017-04-05
Total suspended solids (M-SOLI-1.0) a 2	8	1	mg/L	2017-04-05
Sulfate (SO4) (M-SULF-2.0) a 1	1990	0,6	mg SO4/L	2017-04-06
Alkalinity (M-TIT-1.0) 2	131	2	mg CaCO3/L	2017-04-04
Dissolved solids (M-TIT-1.0) 2	3099	1	mg/L	2017-04-04



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Client Reference : N/A

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<u>Parameter</u>	<u>Result</u>
Chloride (Cl)	< 0,5
Cyanide W.A.D.	< 0,001
Total cyanide (tCN)	< 0,001
Fluoride (F)	< 0,02
Aluminium (Al)	<0,006
Dissolved aluminium (Al)	<0,006
Silver (Ag)	<0,0001
Dissolved silver (Ag)	<0,0001
Arsenic (As)	<0,0005
Dissolved arsenic (As)	<0,0005
Barium (Ba)	<0,0005
Dissolved barium (Ba)	<0,0005
Cadmium (Cd)	<0,00002
Dissolved cadmium (Cd)	<0,00002
Chromium (Cr)	<0,0006
Dissolved chromium (Cr)	<0,0006
Copper (Cu)	<0,0005
Dissolved copper (Cu)	<0,0005
Hardness	
Iron (Fe)	<0,01
Dissolved iron (Fe)	<0,01
Manganese (Mn)	<0,0005
Dissolved manganese (Mn)	<0,0005
Mercury (Hg)	<0,00001
Dissolved mercury (Hg)	<0,00001
Molybdenum (Mo)	<0,0005
Dissolved molybdenum (Mo)	<0,0005
Nickel (Ni)	<0,0005
Dissolved nickel (Ni)	<0,0005
Lead (Pb)	<0,0003
Dissolved lead (Pb)	<0,0003
Selenium (Se)	<0,001
Dissolved selenium (Se)	<0,001
Thallium (Tl)	<0,0008
Zinc (Zn)	<0,001
Dissolved zinc (Zn)	<0,001
Total suspended solids	< 1
Sulfate (SO ₄)	< 0,6



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Certificat # : VD000592
 Client # : 990
 Client Reference : N/A

Reference material

<u>Material</u>	<u>Reference</u>	<u>Parameter</u>	<u>Result</u>	<u>Expected value</u>
DMR-0119-2017-CI		Chloride (Cl)	113,7	108
Cep-34 E04		Cyanide W.A.D.	0,728	0.807
Cep-34 E04		Total cyanide (tCN)	0,822	0.925
DMR-0119-2017-F		Fluoride (F)	2,41	2.31
C00-046-705_X_1000		Aluminium (Al)	1,060	1.000
C00-046-705_X_1000		Dissolved aluminium (Al)	0,988	1.000
DMR-0175-2016-Ag		Silver (Ag)	0,6393	0.724
DMR-0175-2016-Ag		Dissolved silver (Ag)	0,6576	0.724
C00-046-705_X_1000		Arsenic (As)	0,0936	0.1000
C00-046-705_X_1000		Dissolved arsenic (As)	0,0966	0.1000
DMR-0614-2016-Eu		Barium (Ba)	2,0500	2.43
C00-046-705_X_1000		Dissolved barium (Ba)	0,0813	0.1000
C00-046-705_X_1000		Cadmium (Cd)	0,09573	0.1000
C00-046-705_X_1000		Dissolved cadmium (Cd)	0,09219	0.1000
C00-046-705_X_1000		Chromium (Cr)	0,0990	0.1000
C00-046-705_X_1000		Dissolved chromium (Cr)	0,0997	0.1000
C00-046-705_X_1000		Copper (Cu)	0,1033	0.1000
C00-046-705_X_1000		Dissolved copper (Cu)	0,1050	0.1000
C00-046-705_X_1000		Iron (Fe)	1,03	1.000
C00-046-705_X_1000		Dissolved iron (Fe)	0,99	1.000
C00-046-705_X_1000		Manganese (Mn)	0,1042	0.1000
C00-046-705_X_1000		Dissolved manganese (Mn)	0,1003	0.1000
DMR-0052-2017-HgEu		Mercury (Hg)	0,00061	0.00070
DMR-0052-2017-HgEu		Dissolved mercury (Hg)	0,00059	0.00070
C00-046-705_X_1000		Molybdenum (Mo)	0,0944	0.1000
C00-046-705_X_1000		Dissolved molybdenum (Mo)	0,0924	0.1000
C00-046-705_X_1000		Nickel (Ni)	0,1014	0.1000
C00-046-705_X_1000		Dissolved nickel (Ni)	0,0999	0.1000
C00-046-705_X_1000		Lead (Pb)	0,0897	0.1000
C00-046-705_X_1000		Dissolved lead (Pb)	0,0918	0.1000
C00-046-705_X_1000		Selenium (Se)	0,099	0.1000
C00-046-705_X_1000		Dissolved selenium (Se)	0,097	0.1000
TI-S140909023-1000p		Thallium (Tl)	932,0000	1000
pm				
C00-046-705_X_1000		Zinc (Zn)	0,104	0.1000
C00-046-705_X_1000		Dissolved zinc (Zn)	0,102	0.1000
STD-MES 25mg/L		Total suspended solids	23	25
DMR-0119-2017-SO4		Sulfate (SO4)	121	123

Legend :

a : Parameter(s) accredited 1 : analysis made by H2Lab Laboratory at Rouyn-Noranda 2 : analysis made by H2Lab Laboratory at Val d'Or

The sample's appreciation and conformity towards established norms, if applicable, is based and limited to analyzed parameters. This report can't be reproduced, unless in whole, without prior written authorization from the laboratory. The results are related only to samples submitted for testing.



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Certificate # : VD000380

Client # : 990

Client Reference : N/A

CERTIFICATE OF ANALYSIS

Agnico Eagle Division Meadowbank
General Delivery
Baker Lake
Nunavut X0C 0A0
Phone number : (604) 677-0689

Sample # : VD100509 (ST-17)
Matrix : Water
Received on : 2017-04-06
Sampled on : 2017-04-06 10:0
Sampling site : Pit A
Sampler : MT/JK

Parameter (laboratory method)	Method of reference	Result	Detection Limit	Unit	Norm/ Recom.	Date of analysis
Fluoride (F) (M-Cl-1.0) a 1		0,56	0,02000	mg/L		2017-04-12
Chloride (Cl) (M-CL-2.0) a 1		70,2	0,50000	mg/L		2017-04-12
Cyanide W.A.D. (M-CN-1.0) a 1		0,078	0,00100	mg/L	-	2017-04-07
Total cyanide (tCN) (M-CN-1.0) a 1		0,392	0,00100	mg/L	-	2017-04-07
Silver (Ag) (M-MET-3.0) a 1		<0,0001	0,00010	mg/L	-	2017-04-07
Dissolved silver (Ag) (M-MET-3.0) 1		<0,0001	0,00010	mg/L	-	2017-04-07
Lead (Pb) (M-MET-3.0) a 1		<0,0003	0,00030	mg/L	-	2017-04-07
Dissolved lead (Pb) (M-MET-3.0) 1		<0,0003	0,00030	mg/L	-	2017-04-07
Thallium (Tl) (M-MET-3.0) 1		<0,0008	0,00080	mg/L	-	2017-04-11
Dissolved thallium (Tl) (M-MET-3.0) 1		<0,0008	0,00080	mg/L	-	2017-04-11
Dissolved zinc (Zn) (M-MET-3.0) 1		<0,001	0,00100	mg/L	-	2017-04-07
Mercury (Hg) (M-MET-3.0) a 1		0,00009	0,00001	mg/L	-	2017-04-11
Dissolved mercury (Hg) (M-MET-3.0) 1		0,00009	0,00001	mg/L	-	2017-04-11
Dissolved cadmium (Cd) (M-MET-3.0) 1		0,00044	0,00002	mg/L	-	2017-04-07
Cadmium (Cd) (M-MET-3.0) a 1		0,00049	0,00002	mg/L	-	2017-04-07
Dissolved arsenic (As) (M-MET-3.0) 1		0,0005	0,00050	mg/L	-	2017-04-07
Dissolved chromium (Cr) (M-MET-3.0) 1		0,0009	0,00060	mg/L	-	2017-04-07
Arsenic (As) (M-MET-3.0) a 1		0,0017	0,00050	mg/L	-	2017-04-07
Selenium (Se) (M-MET-3.0) a 1		0,002	0,00100	mg/L	-	2017-04-07
Dissolved selenium (Se) (M-MET-3.0) 1		0,002	0,00100	mg/L	-	2017-04-07
Dissolved copper (Cu) (M-MET-3.0) 1		0,0032	0,00050	mg/L	-	2017-04-07
Chromium (Cr) (M-MET-3.0) a 1		0,0076	0,00060	mg/L	-	2017-04-07
Copper (Cu) (M-MET-3.0) a 1		0,0083	0,00050	mg/L	-	2017-04-07
Dissolved nickel (Ni) (M-MET-3.0) 1		0,0145	0,00050	mg/L	-	2017-04-07
Zinc (Zn) (M-MET-3.0) a 1		0,016	0,00100	mg/L	-	2017-04-07
Nickel (Ni) (M-MET-3.0) a 1		0,0215	0,00050	mg/L	-	2017-04-07
Dissolved aluminium (Al) (M-MET-3.0) 1		0,029	0,00600	mg/L	-	2017-04-07



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Dissolved barium (Ba) (M-MET-3.0) 1	0,0380	0,00050	mg/L	-	2017-04-07
Barium (Ba) (M-MET-3.0) a 1	0,0581	0,00050	mg/L	-	2017-04-07
Dissolved manganese (Mn) (M-MET-3.0) 1	0,0925	0,00050	mg/L	-	2017-04-07
Dissolved iron (Fe) (M-MET-3.0) 1	0,14	0,01000	mg/L	-	2017-04-07
Molybdenum (Mo) (M-MET-3.0) a 1	0,2144	0,00050	mg/L	-	2017-04-07
Dissolved molybdenum (Mo) (M-MET-3.0) 1	0,2306	0,00050	mg/L	-	2017-04-07
Manganese (Mn) (M-MET-3.0) a 1	0,2825	0,00050	mg/L	-	2017-04-07
Aluminium (Al) (M-MET-3.0) a 1	4,440	0,00600	mg/L	-	2017-04-07
Iron (Fe) (M-MET-3.0) a 1	9,07	0,01000	mg/L	-	2017-04-07
Ammonia nitrogen (NH3-NH4) (M-NH3-2.0) a 1	14,68	0,01000	mg N/L	-	2017-04-07
NH3 (Unionized) (M-NH3-2.0) (Caculé) a 1	0,35	0,01000	mg N/L	-	2017-04-07
Nitrite (NO2) (M-NITR-2.0) a 1	0,75	0,01000	mg N/L	-	2017-04-07
Nitrate (NO3) (M-NITR-2.0) a 1	24,9	0,01000	mg N/L	-	2017-04-10
Total suspended solids (M-SOLI-1.0) a 2	673	1,00000	mg/L	-	2017-04-07
Sulfate (SO4) (M-SULF-2.0) a 1	436	0,60000	mg SO4/L	-	2017-04-06
Dissolved solids (M-TIT-1.0) 2	1131	1,00000	mg/L	-	2017-04-06
Alkalinity (M-TIT-1.0) 2	279	2,00000	mg CaCO3/L	-	2017-04-06

Blank

Parameter	Result
Fluoride (F)	< 0,02
Chloride (Cl)	< 0,5
Dissolved aluminium (Al)	<0,006
Dissolved silver (Ag)	<0,0001
Dissolved arsenic (As)	<0,0005
Dissolved barium (Ba)	<0,0005
Dissolved cadmium (Cd)	<0,00002
Dissolved chromium (Cr)	<0,0006
Dissolved copper (Cu)	<0,0005
Dissolved iron (Fe)	<0,01
Dissolved manganese (Mn)	<0,0005
Mercury (Hg)	<0,00001
Dissolved mercury (Hg)	<0,00001
Dissolved molybdenum (Mo)	<0,0005
Dissolved nickel (Ni)	<0,0005
Dissolved lead (Pb)	<0,0003
Dissolved selenium (Se)	<0,001
Thallium (Tl)	<0,0008
Dissolved zinc (Zn)	<0,001
Total suspended solids	< 1
Sulfate (SO4)	< 0,6
Alkalinity	
Dissolved solids	



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Certificat # : VD000380
 Client # : 990
 Client Reference : N/A

Reference material

<u>Material</u>	<u>Reference</u>	<u>Parameter</u>	<u>Result</u>	<u>Expected value</u>
DMR-0188-2017-F		Fluoride (F)	2,23	2.31
DMR-0119-2017-Cl		Chloride (Cl)	110,8	108
C00-046-705_X_1000		Dissolved aluminium (Al)	0,988	1.000
DMR-0175-2016-Ag		Dissolved silver (Ag)	0,6576	0.724
C00-046-705_X_1000		Dissolved arsenic (As)	0,0966	0.1000
C00-046-705_X_1000		Dissolved barium (Ba)	0,0813	0.1000
C00-046-705_X_1000		Dissolved cadmium (Cd)	0,09219	0.1000
C00-046-705_X_1000		Dissolved chromium (Cr)	0,0997	0.1000
C00-046-705_X_1000		Dissolved copper (Cu)	0,1050	0.1000
C00-046-705_X_1000		Dissolved iron (Fe)	0,99	1.000
C00-046-705_X_1000		Dissolved manganese (Mn)	0,1003	0.1000
DMR-0052-2017-HgEu		Mercury (Hg)	0,00064	0.00070
DMR-0052-2017-HgEu		Dissolved mercury (Hg)	0,00065	0.00070
C00-046-705_X_1000		Dissolved molybdenum (Mo)	0,0924	0.1000
C00-046-705_X_1000		Dissolved nickel (Ni)	0,0999	0.1000
C00-046-705_X_1000		Dissolved lead (Pb)	0,0918	0.1000
C00-046-705_X_1000		Dissolved selenium (Se)	0,097	0.1000
TI-S140909023-1000p pm		Thallium (Tl)	932,0000	1000
C00-046-705_X_1000		Dissolved zinc (Zn)	0,102	0.1000
STD-MES 25mg/L		Total suspended solids	26	25
DMR-0119-2017-SO4		Sulfate (SO4)	121	123
STD alcalinité		Alkalinity	149	145

Duplicate result

<u>Sample</u>	<u>Parameter</u>	<u>Result</u>	<u>Duplicate Result</u>
VD100509	Ammonia nitrogen (NH3-NH4)	14,68	14,71

Legend :

a : Parameter(s) accredited 1 : analysis made by H2Lab Laboratory at Rouyn-Noranda 2 : analysis made by H2Lab Laboratory at Val d'Or

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Certificate # : VD000341

Client # : 990

Client Reference : N/A

CERTIFICATE OF ANALYSIS

Agnico Eagle Division Meadowbank
General Delivery
Baker Lake
Nunavut X0C 0A0
Phone number : (604) 677-0689

Sample # : VD100488 (ST-EEM-3a)
Matrix : Water
Received on : 2017-04-05
Sampled on : 2017-04-04 8:0
Sampling site : East dike
Sampler : MT/JK

Parameter (laboratory method)	Method of reference	Result	Detection Limit	Unit	Norm/ Recom.	Date of analysis
Mercury (Hg) (M-MET-3.0) a 1		<0,00001	0,00001	mg/L		2017-04-11
Cadmium (Cd) (M-MET-3.0) a 1		<0,00002	0,00002	mg/L		2017-04-07
Selenium (Se) (M-MET-3.0) a 1		<0,001	0,00100	mg/L		2017-04-07
Iron (Fe) (M-MET-3.0) a 1		0,05	0,01000	mg/L		2017-04-07
Aluminium (Al) (M-MET-3.0) a 1		0,064	0,00600	mg/L		2017-04-07
Ammonia nitrogen (NH3-NH4) (M-NH3-2.0) a 1		0,03	0,01000	mg N/L		2017-04-07
NH3 (Unionized) (M-NH3-2.0) (Calculé) a 1		< 0,01	0,01000	mg N/L		2017-04-07
Nitrate (NO3) (M-NITR-2.0) a 1		0,08	0,01000	mg N/L		2017-04-11
Alkalinity (M-TIT-1.0) 2		32	2,00000	mg CaCO3/L	-	2017-04-05

Blank

Parameter	Result
Aluminium (Al)	<0,006
Cadmium (Cd)	<0,00002
Iron (Fe)	<0,01
Mercury (Hg)	<0,00001
Selenium (Se)	<0,001
Alkalinity	

Reference material

Material	Reference	Parameter	Result	Expected value
C00-046-705_X_1000		Aluminium (Al)	1,060	1.000
C00-046-705_X_1000		Cadmium (Cd)	0,09573	0.1000
C00-046-705_X_1000		Iron (Fe)	1,03	1.000
DMR-0052-2017-HgEu		Mercury (Hg)	0,00064	0.00070
C00-046-705_X_1000		Selenium (Se)	0,099	0.1000
STD alcalinité		Alkalinity	147	145

Duplicate result

Sample	Parameter	Result	Duplicate Result
VD100488	Mercury (Hg)	<0,00001	<0,00001

Legend :

a : Parameter(s) accredited 1 : analysis made by H2Lab Laboratory at Rouyn-Noranda 2 : analysis made by H2Lab Laboratory at Val d'Or



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Certificate # : VD000552

Client #: 990

Client Reference : N/A

CERTIFICATE OF ANALYSIS

Agnico Eagle Division Meadowbank
General Delivery
Baker Lake
Nunavut X0C 0A0
Phone number : (604) 677-0689

Sample # : VD100489 (ST-EEM-3a DUP)
Matrix : Water
Received on : 2017-04-05
Sampled on : 2017-04-04 8:0
Sampling site : East dike
Sampler : MT/JK

Parameter (laboratory method)	Method of reference	Result	Detection Limit	Unit	Norm/ Recom.	Date of analysis
Mercury (Hg) (M-MET-3.0) a 1		<0,00001	0,00001	mg/L		2017-04-11
Cadmium (Cd) (M-MET-3.0) a 1		<0,00002	0,00002	mg/L		2017-04-07
Selenium (Se) (M-MET-3.0) a 1		<0,001	0,00100	mg/L		2017-04-07
Aluminium (Al) (M-MET-3.0) a 1		0,051	0,00600	mg/L		2017-04-07
Iron (Fe) (M-MET-3.0) a 1		0,08	0,01000	mg/L		2017-04-07
Ammonia nitrogen (NH3-NH4) (M-NH3-2.0) a 1		0,01	0,01000	mg N/L		2017-04-07
NH3 (Unionized) (M-NH3-2.0) (Calculé) a 1		< 0,01	0,01000	mg N/L		2017-04-07
Nitrate (NO3) (M-NITR-2.0) a 1		0,08	0,01000	mg N/L		2017-04-11
Alkalinity (M-TIT-1.0) 2		31	2,00000	mg CaCO3/L	-	2017-04-05

Blank

Parameter	Result
Aluminium (Al)	<0,006
Cadmium (Cd)	<0,00002
Iron (Fe)	<0,01
Mercury (Hg)	<0,00001
Selenium (Se)	<0,001
Alkalinity	

Reference material

Material	Reference	Parameter	Result	Expected value
C00-046-705_X_1000		Aluminium (Al)	1,060	1.000
C00-046-705_X_1000		Cadmium (Cd)	0,09573	0.1000
C00-046-705_X_1000		Iron (Fe)	1,03	1.000
DMR-0052-2017-HgEu		Mercury (Hg)	0,00064	0.00070
C00-046-705_X_1000		Selenium (Se)	0,099	0.1000
STD alcalinité		Alkalinity	147	145

Legend :

a : Parameter(s) accredited 1 : analysis made by H2Lab Laboratory at Rouyn-Noranda 2 : analysis made by H2Lab Laboratory at Val d'Or

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CERTIFICATE OF ANALYSIS

Agnico Eagle Division Meadowbank
General Delivery
Baker Lake
Nunavut X0C 0A0
Phone number : (604) 677-0689

Sample # : VD100490 (ST-EEM-3a FB)
Matrix : Water
Received on : 2017-04-05
Sampled on : 2017-04-04 8:0
Sampling site : East dike
Sampler : MT/JK

Parameter (laboratory method)	Method of reference	Result	Detection Limit	Unit	Norm/ Recom.	Date of analysis
Mercury (Hg) (M-MET-3.0) a 1		<0,00001	0,00001	mg/L		2017-04-11
Cadmium (Cd) (M-MET-3.0) a 1		<0,00002	0,00002	mg/L		2017-04-07
Selenium (Se) (M-MET-3.0) a 1		<0,001	0,00100	mg/L		2017-04-07
Aluminium (Al) (M-MET-3.0) a 1		<0,006	0,00600	mg/L		2017-04-07
Iron (Fe) (M-MET-3.0) a 1		<0,01	0,01000	mg/L		2017-04-07
Ammonia nitrogen (NH3-NH4) (M-NH3-2.0) a 1		0,02	0,01000	mg N/L		2017-04-07
NH3 (Unionized) (M-NH3-2.0) (Calculé) a 1		< 0,01	0,01000	mg N/L		2017-04-07
Nitrate (NO3) (M-NITR-2.0) a 1		< 0,01	0,01000	mg N/L		2017-04-11
Alkalinity (M-TIT-1.0) 2		6	2,00000	mg CaCO3/L	-	2017-04-05

Blank

Parameter	Result
Mercury (Hg)	<0,00001
Alkalinity	

Reference material

Material	Reference	Parameter	Result	Expected value
DMR-0052-2017-HgEu		Mercury (Hg)	0,00064	0.00070
STD alcalinité		Alkalinity	147	145

Legend :

a : Parameter(s) accredited 1 : analysis made by H2Lab Laboratory at Rouyn-Noranda 2 : analysis made by H2Lab Laboratory at Val d'Or

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Certificate # : VD000380 R2

Client # : 990

Client Reference : ST-17

CERTIFICATE OF ANALYSIS

Agnico Eagle Division Meadowbank
General Delivery
Baker Lake
Nunavut X0C 0A0
Phone number : (604) 677-0689

Sample # : VD100509 (ST-17)
Matrix : Water
Received on : 2017-04-06
Sampled on : 2017-04-06 10:00
Sampling site : Pit A
Sampler : MT/JK

Parameter (laboratory method)	Method of reference	Result	Detection Limit	Unit	Norm/ Recom.	Date of analysis
Fluoride (F) (M-CL-1.0) a 1		0,56	0,02	mg/L	-	2017-04-12
Chloride (Cl) (M-CL-2.0) a 1		70,2	0,5	mg/L	-	2017-04-12
Cyanide W.A.D. (M-CN-1.0) a 1		0,078	0,001	mg/L	-	2017-04-07
Total cyanide (tCN) (M-CN-1.0) a 1		0,392	0,001	mg/L	-	2017-04-07
Aluminium (Al) (M-MET-3.0) a 1		4,440	0,006	mg/L	-	2017-04-07
Arsenic (As) (M-MET-3.0) a 1		0,0017	0,0005	mg/L	-	2017-04-07
Barium (Ba) (M-MET-3.0) a 1		0,0581	0,0005	mg/L	-	2017-04-07
Cadmium (Cd) (M-MET-3.0) a 1		0,00049	0,00002	mg/L	-	2017-04-07
Chromium (Cr) (M-MET-3.0) a 1		0,0076	0,0006	mg/L	-	2017-04-07
Copper (Cu) (M-MET-3.0) a 1		0,0083	0,0005	mg/L	-	2017-04-07
Dissolved aluminium (Al) (M-MET-3.0) 1		0,029	0,006	mg/L	-	2017-04-07
Dissolved arsenic (As) (M-MET-3.0) 1		0,0005	0,0005	mg/L	-	2017-04-07
Dissolved barium (Ba) (M-MET-3.0) 1		0,0380	0,0005	mg/L	-	2017-04-07
Dissolved cadmium (Cd) (M-MET-3.0) 1		0,00044	0,00002	mg/L	-	2017-04-07
Dissolved chromium (Cr) (M-MET-3.0) 1		0,0009	0,0006	mg/L	-	2017-04-07
Dissolved copper (Cu) (M-MET-3.0) 1		0,0032	0,0005	mg/L	-	2017-04-07
Dissolved iron (Fe) (M-MET-3.0) 1		0,14	0,01	mg/L	-	2017-04-07
Dissolved lead (Pb) (M-MET-3.0) 1		<0,0003	0,0003	mg/L	-	2017-04-07
Dissolved manganese (Mn) (M-MET-3.0) 1		0,0925	0,0005	mg/L	-	2017-04-07
Dissolved mercury (Hg) (M-MET-3.0) 1		0,00009	0,00001	mg/L	-	2017-04-11
Dissolved molybdenum (Mo) (M-MET-3.0) 1		0,2306	0,0005	mg/L	-	2017-04-07
Dissolved nickel (Ni) (M-MET-3.0) 1		0,0145	0,0005	mg/L	-	2017-04-07
Dissolved selenium (Se) (M-MET-3.0) 1		0,002	0,001	mg/L	-	2017-04-07
Dissolved silver (Ag) (M-MET-3.0) 1		<0,0001	0,0001	mg/L	-	2017-04-07
Dissolved thallium (Tl) (M-MET-3.0) 1		<0,0008	0,0008	mg/L	-	2017-04-11
Dissolved zinc (Zn) (M-MET-3.0) 1		<0,001	0,001	mg/L	-	2017-04-07



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Client # : 990

Client Reference : ST-17

Hardness (M-MET-3.0) 1	55	1	mg CaCO ₃ /L	-	2017-04-07
Iron (Fe) (M-MET-3.0) a 1	9,07	0,01	mg/L	-	2017-04-07
Lead (Pb) (M-MET-3.0) a 1	<0,0003	0,0003	mg/L	-	2017-04-07
Manganese (Mn) (M-MET-3.0) a 1	0,2825	0,0005	mg/L	-	2017-04-07
Mercury (Hg) (M-MET-3.0) a 1	0,00009	0,00001	mg/L	-	2017-04-11
Molybdenum (Mo) (M-MET-3.0) a 1	0,2144	0,0005	mg/L	-	2017-04-07
Nickel (Ni) (M-MET-3.0) a 1	0,0215	0,0005	mg/L	-	2017-04-07
Selenium (Se) (M-MET-3.0) a 1	0,002	0,001	mg/L	-	2017-04-07
Silver (Ag) (M-MET-3.0) a 1	<0,0001	0,0001	mg/L	-	2017-04-07
Thallium (Tl) (M-MET-3.0) 1	<0,0008	0,0008	mg/L	-	2017-04-11
Zinc (Zn) (M-MET-3.0) a 1	0,016	0,001	mg/L	-	2017-04-07
Ammonia nitrogen (NH ₃ -NH ₄) (M-NH ₃ -2.0) a 1	14,68	0,01	mg N/L	-	2017-04-07
NH ₃ (Unionized) (M-NH ₃ -2.0 (Calculé) a 1	0,35	0,01	mg N/L	-	2017-04-07
Nitrate (NO ₃) (M-NITR-2.0) a 1	24,9	0,01	mg N/L	-	2017-04-10
Nitrite (NO ₂) (M-NITR-2.0) a 1	0,75	0,01	mg N/L	-	2017-04-07
Total suspended solids (M-SOLI-1.0) a 2	673	1	mg/L	-	2017-04-07
Sulfate (SO ₄) (M-SULF-2.0) a 1	436	0,6	mg SO ₄ /L	-	2017-04-06
Alkalinity (M-TIT-1.0) 2	279	2	mg CaCO ₃ /L	-	2017-04-06
Dissolved solids (M-TIT-1.0) 2	1131	1	mg/L	-	2017-04-06



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Client Reference : ST-17

Blank

<u>Parameter</u>	<u>Result</u>
Fluoride (F)	< 0,02
Chloride (Cl)	< 0,5
Dissolved aluminium (Al)	<0,006
Dissolved silver (Ag)	<0,0001
Dissolved arsenic (As)	<0,0005
Dissolved barium (Ba)	<0,0005
Dissolved cadmium (Cd)	<0,00002
Dissolved chromium (Cr)	<0,0006
Dissolved copper (Cu)	<0,0005
Dissolved iron (Fe)	<0,01
Dissolved manganese (Mn)	<0,0005
Mercury (Hg)	<0,00001
Dissolved mercury (Hg)	<0,00001
Dissolved molybdenum (Mo)	<0,0005
Dissolved nickel (Ni)	<0,0005
Dissolved lead (Pb)	<0,0003
Dissolved selenium (Se)	<0,001
Thallium (Tl)	<0,0008
Dissolved zinc (Zn)	<0,001
Total suspended solids	< 1
Sulfate (SO4)	< 0,6
Alkalinity	
Dissolved solids	

Reference material

<u>Material</u>	<u>Reference</u>	<u>Parameter</u>	<u>Result</u>	<u>Expected value</u>
DMR-0188-2017-F		Fluoride (F)	2,23	2.31
DMR-0119-2017-Cl		Chloride (Cl)	110,8	108
C00-046-705_X_1000		Dissolved aluminium (Al)	0,988	1.000
DMR-0175-2016-Ag		Dissolved silver (Ag)	0,6576	0.724
C00-046-705_X_1000		Dissolved arsenic (As)	0,0966	0.1000
C00-046-705_X_1000		Dissolved barium (Ba)	0,0813	0.1000
C00-046-705_X_1000		Dissolved cadmium (Cd)	0,09219	0.1000
C00-046-705_X_1000		Dissolved chromium (Cr)	0,0997	0.1000
C00-046-705_X_1000		Dissolved copper (Cu)	0,1050	0.1000
C00-046-705_X_1000		Dissolved iron (Fe)	0,99	1.000
C00-046-705_X_1000		Dissolved manganese (Mn)	0,1003	0.1000
DMR-0052-2017-HgEu		Mercury (Hg)	0,00064	0.00070
DMR-0052-2017-HgEu		Dissolved mercury (Hg)	0,00065	0.00070
C00-046-705_X_1000		Dissolved molybdenum (Mo)	0,0924	0.1000
C00-046-705_X_1000		Dissolved nickel (Ni)	0,0999	0.1000
C00-046-705_X_1000		Dissolved lead (Pb)	0,0918	0.1000
C00-046-705_X_1000		Dissolved selenium (Se)	0,097	0.1000
TI-S140909023-1000p pm		Thallium (Tl)	932,0000	1000
C00-046-705_X_1000		Dissolved zinc (Zn)	0,102	0.1000
STD-MES 25mg/L		Total suspended solids	26	25
DMR-0119-2017-SO4		Sulfate (SO4)	121	123
STD alcalinité		Alkalinity	149	145



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Certificat # : VD000380 R2

Client # : 990

Client Reference : ST-17

Duplicate result

<u>Sample</u>	<u>Parameter</u>	<u>Result</u>	<u>Duplicate Result</u>
VD100509	Ammonia nitrogen (NH3-NH4)	14,68	14,71

Legend :

a : Parameter(s) accredited 1 : analysis made by H2Lab Laboratory at Rouyn-Noranda 2 : analysis made by H2Lab Laboratory at Val d'Or

Remarks :

-
-

Revision 2: (Reason) This revision replaces (VD000380 R1) and cancels any previous certificate.

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Certificate # : VD000963

Client # : 990

Client Reference : ST-21 DUP

CERTIFICATE OF ANALYSIS

Agnico Eagle Division Meadowbank
General Delivery
Baker Lake
Nunavut X0C 0A0
Phone number : (604) 677-0689

Sample # : VD100525 (ST-21 DUP)
Matrix : Water
Received on : 2017-04-07
Sampled on : 2017-04-06 8:30
Sampling site : ST-21 south cell
Sampler : MT/FL

Parameter (laboratory method)	Method of reference	Result	Detection Limit	Unit	Norm/ Recom.	Date of analysis
Cyanates (CNO) (M-CI-1.0) a 1		< 0,01	0,01	mg CNO/L	-	2017-04-19
Fluoride (F) (M-CI-1.0) a 1		0,25	0,02	mg/L	-	2017-04-12
Thiocyanate (SCN) (M-CI-1.0) a 1		244,00	0,05	mg SCN/L	-	2017-04-22
Chloride (Cl) (M-CL-2.0) a 1		560,1	0,5	mg/L	-	2017-04-12
Cyanide W.A.D. (M-CN-1.0) a 1		0,566	0,001	mg/L	-	2017-04-11
Total cyanide (tCN) (M-CN-1.0) a 1		3,57	0,001	mg/L	-	2017-04-11
Aluminium (Al) (M-MET-3.0) a 1		0,095	0,006	mg/L	-	2017-04-14
Arsenic (As) (M-MET-3.0) a 1		0,0151	0,0005	mg/L	-	2017-04-14
Barium (Ba) (M-MET-3.0) a 1		0,1124	0,0005	mg/L	-	2017-04-14
Cadmium (Cd) (M-MET-3.0) a 1		0,00159	0,00002	mg/L	-	2017-04-14
Chromium (Cr) (M-MET-3.0) a 1		<0,0006	0,0006	mg/L	-	2017-04-14
Copper (Cu) (M-MET-3.0) a 1		0,2150	0,0005	mg/L	-	2017-04-14
Dissolved aluminium (Al) (M-MET-3.0) 1		0,033	0,006	mg/L	-	2017-04-14
Dissolved arsenic (As) (M-MET-3.0) 1		0,0143	0,0005	mg/L	-	2017-04-14
Dissolved barium (Ba) (M-MET-3.0) 1		0,1063	0,0005	mg/L	-	2017-04-14
Dissolved cadmium (Cd) (M-MET-3.0) 1		0,00146	0,00002	mg/L	-	2017-04-14
Dissolved chromium (Cr) (M-MET-3.0) 1		0,0014	0,0006	mg/L	-	2017-04-14
Dissolved copper (Cu) (M-MET-3.0) 1		0,0255	0,0005	mg/L	-	2017-04-14
Dissolved iron (Fe) (M-MET-3.0) 1		0,45	0,01	mg/L	-	2017-04-14
Dissolved lead (Pb) (M-MET-3.0) 1		<0,0003	0,0003	mg/L	-	2017-04-14
Dissolved manganese (Mn) (M-MET-3.0) 1		0,2347	0,0005	mg/L	-	2017-04-14
Dissolved mercury (Hg) (M-MET-3.0) 1		0,00067	0,00001	mg/L	-	2017-04-11
Dissolved molybdenum (Mo) (M-MET-3.0) 1		0,5689	0,0005	mg/L	-	2017-04-14
Dissolved nickel (Ni) (M-MET-3.0) 1		0,0172	0,0005	mg/L	-	2017-04-14
Dissolved selenium (Se) (M-MET-3.0) 1		0,046	0,001	mg/L	-	2017-04-14
Dissolved silver (Ag) (M-MET-3.0) 1		0,0002	0,0001	mg/L	-	2017-04-14



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 Client Reference : ST-21 DUP

Dissolved thallium (Tl) (M-MET-3.0) 1	<0,0008	0,0008	mg/L	-	2017-04-19
Dissolved zinc (Zn) (M-MET-3.0) 1	0,003	0,001	mg/L	-	2017-04-14
Hardness (M-MET-3.0) 1	1337	1	mg CaCO3/L	-	2017-04-14
Iron (Fe) (M-MET-3.0) a 1	0,65	0,01	mg/L	-	2017-04-14
Lead (Pb) (M-MET-3.0) a 1	0,0148	0,0003	mg/L	-	2017-04-14
Manganese (Mn) (M-MET-3.0) a 1	0,2832	0,0005	mg/L	-	2017-04-14
Mercury (Hg) (M-MET-3.0) a 1	0,00051	0,00001	mg/L	-	2017-04-11
Molybdenum (Mo) (M-MET-3.0) a 1	0,5504	0,0005	mg/L	-	2017-04-14
Nickel (Ni) (M-MET-3.0) a 1	0,1143	0,0005	mg/L	-	2017-04-14
Selenium (Se) (M-MET-3.0) a 1	0,044	0,001	mg/L	-	2017-04-14
Silver (Ag) (M-MET-3.0) a 1	0,0003	0,0001	mg/L	-	2017-04-14
Thallium (Tl) (M-MET-3.0) 1	<0,0008	0,0008	mg/L	-	2017-04-19
Zinc (Zn) (M-MET-3.0) a 1	0,006	0,001	mg/L	-	2017-04-14
Ammonia nitrogen (NH3-NH4) (M-NH3-2.0) a 1	5,19	0,01	mg N/L	-	2017-04-14
NH3 (Unionized) (M-NH3-2.0) (Calculé) a 1	0,29	0,01	mg N/L	-	2017-04-14
Nitrate (NO3) (M-NITR-2.0) a 1	5,25	0,01	mg N/L	-	2017-04-11
Nitrite (NO2) (M-NITR-2.0) a 1	0,33	0,01	mg N/L	-	2017-04-11
Total suspended solids (M-SOLI-1.0) a 2	6	1	mg/L	-	2017-04-10
Sulfate (SO4) (M-SULF-2.0) a 1	2202	0,6	mg SO4/L	-	2017-04-13
Alkalinity (M-TIT-1.0) 2	128	2	mg CaCO3/L	-	2017-04-07
Dissolved solids (M-TIT-1.0) 2	3733	1	mg/L	-	2017-04-07
Selenium 4 (Sous-traitance) st3	0,004	0,001	mg/L	-	2017-04-18
Selenium 6 (Sous-traitance) st3	0,022	0,001	mg/L	-	2017-04-18

Blank

Parameter	Result
Cyanates (CNO)	< 0,01
Fluoride (F)	< 0,02
Thiocyanate (SCN)	< 0,05
Chloride (Cl)	< 0,5
Cyanide W.A.D.	< 0,001
Total cyanide (tCN)	< 0,001
Mercury (Hg)	<0,00001
Dissolved mercury (Hg)	<0,00001
Total suspended solids	< 1
Sulfate (SO4)	< 0,6
Alkalinity	
Dissolved solids	



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Client # : 990

Client Reference : ST-21 DUP

Reference material

<u>Material</u>	<u>Reference</u>	<u>Parameter</u>	<u>Result</u>	<u>Expected value</u>
Controle Maison CNO 250 ppm		Cyanates (CNO)	232	250
DMR-0188-2017-F		Fluoride (F)	2,23	2.31
STD SCN 568ppm		Thiocyanate (SCN)	541,00	568
DMR-0119-2017-Cl		Chloride (Cl)	110,8	108
Cep-34 E04		Cyanide W.A.D.	0,749	0.807
Cep-34 E04		Total cyanide (tCN)	0,888	0.925
DMR-0052-2017-HgEu		Mercury (Hg)	0,00064	0.00070
DMR-0052-2017-HgEu		Dissolved mercury (Hg)	0,00065	0.00070
DMR-0120-2017-2-mes -mesv		Total suspended solids	116	133
DMR-0188-2017-SO4	DMR-0188-2017-1	Sulfate (SO4)	130	123
STD alcalinité		Alkalinity	152	145

Duplicate result

<u>Sample</u>	<u>Parameter</u>	<u>Result</u>	<u>Duplicate Result</u>
VD100525	Dissolved aluminium (Al)	0,033	0,032

Legend :

a : Parameter(s) accredited 1 : analysis made by H2Lab Laboratory at Rouyn-Noranda st3 : analysis made by outsourced laboratory 2 : analysis made by H2Lab Laboratory at Val d'Or

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Certificate # : VD000539

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Client Reference : N/A

CERTIFICATE OF ANALYSIS

Agnico Eagle Division Meadowbank

General Delivery
 Baker Lake
 Nunavut X0C 0A0
 Phone number : (604) 677-0689

Sample # : VD100607 (ST-MMER 3a WEEKLY)

Matrix : Water
 Received on : 2017-04-13
 Sampled on : 2017-04-12 8:0
 Sampling site : ST-MMER 3a WEEKLY 65° 01'11.2"N 96° 02'32.0"W
 Sampler : Fanny Laporte

Parameter (laboratory method)	Method of reference	Result	Detection Limit	Unit	Norm/ Recom.	Date of analysis
Total suspended solids (M-SOLI-1.0) a 2		11	1,00000	mg/L		2017-04-14

Blank

Parameter	Result
Total suspended solids	< 1

Reference material

Material	Reference	Parameter	Result	Expected value
DMR-0120-2017-2-mes -mesv		Total suspended solids	122	133

Legend :

a : Parameter(s) accredited 2 : analysis made by H2Lab Laboratory at Val d'Or

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Certificate # : VD000562

Client #: 990

Client Reference : N/A

CERTIFICATE OF ANALYSIS

Agnico Eagle Division Meadowbank

General Delivery
 Baker Lake
 Nunavut X0C 0A0
 Phone number : (604) 677-0689

Sample # : VD100636 (ST-8/ST-MMER-3)

Matrix : Drinking Water
 Received on : 2017-04-18
 Sampled on : 2017-04-17
 Sampling site : ST-8/ST-MMER-3
 Sampler : Tom Thomson

Parameter (laboratory method)	Method of reference	Result	Detection Limit	Unit	Norm/ Recom.	Date of analysis
Total suspended solids (M-SOLI-1.0) a 2		11	1	mg/L		2017-04-19

Blank

Parameter	Result
Total suspended solids	< 1

Reference material

Material	Reference	Parameter	Result	Expected value
DMR-0120-2017-2-mes -mesv		Total suspended solids	151	133

Legend :

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Client #: 990

Client Reference : N/A

CERTIFICATE OF ANALYSIS

Agnico Eagle Division Meadowbank

General Delivery
 Baker Lake
 Nunavut X0C 0A0
 Phone number : (604) 677-0689

Sample # : VD100636 (ST-8/ST-MMER-3)

Matrix : Drinking Water
 Received on : 2017-04-18
 Sampled on : 2017-04-17
 Sampling site : ST-8/ST-MMER-3
 Sampler : Tom Thomson

Parameter (laboratory method)	Method of reference	Result	Detection Limit	Unit	Norm/ Recom.	Date of analysis
Total suspended solids (M-SOLI-1.0) a 2		11	1	mg/L		2017-04-19

Blank

Parameter	Result
Total suspended solids	< 1

Reference material

Material	Reference	Parameter	Result	Expected value
DMR-0120-2017-2-mes -mesv		Total suspended solids	151	133

Legend :

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Certificate # : VD000638

Client #: 990

Client Reference : ST-8/ST-MMER-3a Weekly

CERTIFICATE OF ANALYSIS

Agnico Eagle Division Meadowbank

General Delivery
 Baker Lake
 Nunavut X0C 0A0
 Phone number : (604) 677-0689

Sample # : VD100742 (ST-8/ST-MMER-3a Weekly)

Matrix : Water
 Received on : 2017-04-25
 Sampled on : 2017-04-24 8:00
 Sampling site : ST-8/ST-MMER-3a Weekly
 Sampler : JK

Parameter (laboratory method)	Method of reference	Result	Detection Limit	Unit	Norm/ Recom.	Date of analysis
Total suspended solids (M-SOLI-1.0) a 2		4	1	mg/L		2017-04-26

Blank

Parameter	Result
Total suspended solids	< 1

Reference material

Material	Reference	Parameter	Result	Expected value
STD-MES 25mg/L		Total suspended solids	24	25

Legend :

a : Parameter(s) accredited 2 : analysis made by H2Lab Laboratory at Val d'Or

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Certificate # : VD000796

Client # : 990

Client Reference : ST-S 5

CERTIFICATE OF ANALYSIS

Agnico Eagle Division Meadowbank
General Delivery
Baker Lake
Nunavut X0C 0A0
Phone number : (604) 677-0689

Sample # : B101086 (ST-S 5)

Matrix : Water

Received on : 2017-05-02

Sampled on : 2017-05-01 8:30

Sampling site : ST-S 5

Sampler : Fanny Laporte / Martin T.

Parameter (laboratory method)	Method of reference	Result	Detection Limit	Unit	Norm/ Recom.	Date of analysis
Fluoride (F) (M-CL-1.0) a 1		0,46	0,02	mg/L		2017-05-23
Chloride (Cl) (M-CL-2.0) a 1		532,3	0,5	mg/L		2017-05-10
Cyanide W.A.D. (M-CN-1.0) a 1		0,109	0,001	mg/L	-	2017-05-03
Total cyanide (tCN) (M-CN-1.0) a 1		0,207	0,001	mg/L	-	2017-05-03
Aluminium (Al) (M-MET-3.0) a 1		<0,006	0,006	mg/L	-	2017-05-03
Arsenic (As) (M-MET-3.0) a 1		0,0395	0,0005	mg/L	-	2017-05-03
Barium (Ba) (M-MET-3.0) a 1		0,0212	0,0005	mg/L	-	2017-05-03
Cadmium (Cd) (M-MET-3.0) a 1		0,00081	0	mg/L	-	2017-05-03
Chromium (Cr) (M-MET-3.0) a 1		<0,0006	0,0006	mg/L	-	2017-05-03
Copper (Cu) (M-MET-3.0) a 1		0,0053	0,0005	mg/L	-	2017-05-03
Dissolved aluminium (Al) (M-MET-3.0) 1		<0,006	0,006	mg/L	-	2017-05-03
Dissolved arsenic (As) (M-MET-3.0) 1		0,0253	0,0005	mg/L	-	2017-05-03
Dissolved barium (Ba) (M-MET-3.0) 1		0,0182	0,0005	mg/L	-	2017-05-03
Dissolved cadmium (Cd) (M-MET-3.0) 1		0,00069	0	mg/L	-	2017-05-03
Dissolved chromium (Cr) (M-MET-3.0) 1		<0,0006	0,0006	mg/L	-	2017-05-03
Dissolved copper (Cu) (M-MET-3.0) 1		0,0047	0,0005	mg/L	-	2017-05-03
Dissolved iron (Fe) (M-MET-3.0) 1		0,03	0,01	mg/L	-	2017-05-03
Dissolved lead (Pb) (M-MET-3.0) 1		<0,0003	0,0003	mg/L	-	2017-05-03
Dissolved manganese (Mn) (M-MET-3.0) 1		2,3400	0,0005	mg/L	-	2017-05-03
Dissolved mercury (Hg) (M-MET-3.0) 1		<0,00001	0	mg/L	-	2017-05-10
Dissolved molybdenum (Mo) (M-MET-3.0) 1		0,3414	0,0005	mg/L	-	2017-05-03
Dissolved nickel (Ni) (M-MET-3.0) 1		0,0140	0,0005	mg/L	-	2017-05-03
Dissolved selenium (Se) (M-MET-3.0) 1		0,014	0,001	mg/L	-	2017-05-03
Dissolved silver (Ag) (M-MET-3.0) 1		<0,0001	0,0001	mg/L	-	2017-05-03
Dissolved thallium (Tl) (M-MET-3.0) 1		<0,0008	0,0008	mg/L	-	2017-05-08
Dissolved zinc (Zn) (M-MET-3.0) 1		<0,001	0,001	mg/L	-	2017-05-03



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Hardness (M-MET-3.0) 1	1248	1	mg CaCO ₃ /L	-	2017-05-03
Iron (Fe) (M-MET-3.0) a 1	2,36	0,01	mg/L	-	2017-05-03
Lead (Pb) (M-MET-3.0) a 1	<0,0003	0,0003	mg/L	-	2017-05-03
Manganese (Mn) (M-MET-3.0) a 1	2,3260	0,0005	mg/L	-	2017-05-03
Mercury (Hg) (M-MET-3.0) a 1	<0,00001	0	mg/L	-	2017-05-10
Molybdenum (Mo) (M-MET-3.0) a 1	0,3659	0,0005	mg/L	-	2017-05-03
Nickel (Ni) (M-MET-3.0) a 1	0,0155	0,0005	mg/L	-	2017-05-03
Selenium (Se) (M-MET-3.0) a 1	0,015	0,001	mg/L	-	2017-05-03
Silver (Ag) (M-MET-3.0) a 1	<0,0001	0,0001	mg/L	-	2017-05-03
Thallium (Tl) (M-MET-3.0) 1	<0,0008	0,0008	mg/L	-	2017-05-08
Zinc (Zn) (M-MET-3.0) a 1	<0,001	0,001	mg/L	-	2017-05-03
Ammonia nitrogen (NH ₃ -NH ₄) (M-NH ₃ -2.0) a 1	29,39	0,01	mg N/L	-	2017-05-04
NH ₃ (Unionized) (M-NH ₃ -2.0 (Calculé) a 1	0,40	0,01	mg N/L	-	2017-05-04
Nitrate (NO ₃) (M-NITR-2.0) a 1	< 0,01	0,01	mg N/L	-	2017-05-03
Nitrite (NO ₂) (M-NITR-2.0) a 1	0,01	0,01	mg N/L	-	2017-05-03
Total suspended solids (M-SOLI-1.0) a 2	5	1	mg/L	-	2017-05-03
Sulfate (SO ₄) (M-SULF-2.0) a 1	1881	0,6	mg SO ₄ /L	-	2017-05-04
Alkalinity (M-TIT-1.0) 2	126	2	mg CaCO ₃ /L	-	2017-05-02
Dissolved solids (M-TIT-1.0) 2	3161	1	mg/L	-	2017-05-02

Blank

Parameter	Result
Fluoride (F)	< 0,02
Chloride (Cl)	< 0,5
Dissolved aluminium (Al)	<0,006
Dissolved silver (Ag)	<0,0001
Dissolved arsenic (As)	<0,0005
Dissolved barium (Ba)	<0,0005
Dissolved cadmium (Cd)	<0,00002
Dissolved chromium (Cr)	<0,0006
Dissolved copper (Cu)	<0,0005
Dissolved iron (Fe)	<0,01
Dissolved manganese (Mn)	<0,0005
Mercury (Hg)	<0,00001
Dissolved mercury (Hg)	<0,00001
Dissolved molybdenum (Mo)	<0,0005
Dissolved nickel (Ni)	<0,0005
Dissolved lead (Pb)	<0,0003
Dissolved selenium (Se)	<0,001
Dissolved thallium (Tl)	<0,0008
Dissolved zinc (Zn)	<0,001
Total suspended solids	< 1
Sulfate (SO ₄)	< 0,6



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Reference material

<u>Material</u>	<u>Reference</u>	<u>Parameter</u>	<u>Result</u>	<u>Expected value</u>
DMR-0188-2017-CI	DMR-0188-2017-CC	Chloride (Cl)	114,1	108
C00-046-705_X_1000		Dissolved aluminium (Al)	0,945	1.000
DMR-0188-2017-Ag		Dissolved silver (Ag)	0,0421	0.0424
C00-046-705_X_1000		Dissolved arsenic (As)	0,0866	0.1000
C00-046-705_X_1000		Dissolved barium (Ba)	0,0814	0.1000
C00-046-705_X_1000		Dissolved cadmium (Cd)	0,10439	0.1000
C00-046-705_X_1000		Dissolved chromium (Cr)	0,0989	0.1000
C00-046-705_X_1000		Dissolved copper (Cu)	0,0938	0.1000
C00-046-705_X_1000		Dissolved iron (Fe)	1,00	1.000
C00-046-705_X_1000		Dissolved manganese (Mn)	0,0981	0.1000
DMR-0119-2017-HgEu		Mercury (Hg)	0,00050	0.00070
DMR-0119-2017-HgEu		Dissolved mercury (Hg)	0,00050	0.00070
C00-046-705_X_1000		Dissolved molybdenum (Mo)	0,0942	0.1000
C00-046-705_X_1000		Dissolved nickel (Ni)	0,1010	0.1000
C00-046-705_X_1000		Dissolved lead (Pb)	0,0911	0.1000
C00-046-705_X_1000		Dissolved selenium (Se)	0,105	0.1000
TI-S140909023-1000p pm		Dissolved thallium (Tl)	842,0000	1000
C00-046-705_X_1000		Dissolved zinc (Zn)	0,098	0.1000
STD-MES 25mg/L		Total suspended solids	22	25
DMR-0188-2017-SO4	DMR-0188-2017-1S	Sulfate (SO4)	124	123

Duplicate result

<u>Sample</u>	<u>Parameter</u>	<u>Result</u>	<u>Duplicate Result</u>
B101086	Nitrate (NO3)	< 0,01	< 0,01

Legend :

a : Parameter(s) accredited 1 : analysis made by H2Lab Laboratory at Rouyn-Noranda 2 : analysis made by H2Lab Laboratory at Val d'Or

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Certificate # : VD000795

Client # : 990

Client Reference : ST-21 South Cell

CERTIFICATE OF ANALYSIS

Agnico Eagle Division Meadowbank
General Delivery
Baker Lake
Nunavut X0C 0A0
Phone number : (604) 677-0689

Sample # : B101085 (ST-21 South Cell)
Matrix : Water
Received on : 2017-05-02
Sampled on : 2017-05-01 9:00
Sampling site : ST-21 South Cell
Sampler : Fanny Laporte / Martin T.

Parameter (laboratory method)	Method of reference	Result	Detection Limit	Unit	Norm/ Recom.	Date of analysis
Cyanates (CNO) (M-CI-1.0) a 1		93,5	0,01	mg CNO/L		2017-05-09
Fluoride (F) (M-CI-1.0) a 1		0,40	0,02	mg/L		2017-05-04
Thiocyanate (SCN) (M-CI-1.0) a 1		238,00	0,05	mg SCN/L		2017-05-15
Chloride (Cl) (M-CL-2.0) a 1		563,4	0,5	mg/L		2017-05-10
Cyanide W.A.D. (M-CN-1.0) a 1		0,795	0,001	mg/L		2017-05-03
Total cyanide (tCN) (M-CN-1.0) a 1		3,02	0,001	mg/L		2017-05-03
Aluminium (Al) (M-MET-3.0) a 1		0,100	0,006	mg/L		2017-05-03
Arsenic (As) (M-MET-3.0) a 1		0,0027	0,0005	mg/L		2017-05-03
Barium (Ba) (M-MET-3.0) a 1		0,0874	0,0005	mg/L		2017-05-03
Cadmium (Cd) (M-MET-3.0) a 1		0,00125	0	mg/L		2017-05-03
Chromium (Cr) (M-MET-3.0) a 1		<0,0006	0,0006	mg/L		2017-05-03
Copper (Cu) (M-MET-3.0) a 1		0,7502	0,0005	mg/L		2017-05-03
Dissolved aluminium (Al) (M-MET-3.0) 1		0,025	0,006	mg/L		2017-05-03
Dissolved arsenic (As) (M-MET-3.0) 1		0,0057	0,0005	mg/L		2017-05-03
Dissolved barium (Ba) (M-MET-3.0) 1		0,0846	0,0005	mg/L		2017-05-03
Dissolved cadmium (Cd) (M-MET-3.0) 1		0,00117	0	mg/L		2017-05-03
Dissolved chromium (Cr) (M-MET-3.0) 1		<0,0006	0,0006	mg/L		2017-05-03
Dissolved copper (Cu) (M-MET-3.0) 1		0,0229	0,0005	mg/L		2017-05-03
Dissolved iron (Fe) (M-MET-3.0) 1		0,33	0,01	mg/L		2017-05-03
Dissolved lead (Pb) (M-MET-3.0) 1		<0,0003	0,0003	mg/L		2017-05-03
Dissolved manganese (Mn) (M-MET-3.0) 1		0,2224	0,0005	mg/L		2017-05-03
Dissolved mercury (Hg) (M-MET-3.0) 1		0,00027	0	mg/L		2017-05-10
Dissolved molybdenum (Mo) (M-MET-3.0) 1		0,5222	0,0005	mg/L		2017-05-03
Dissolved nickel (Ni) (M-MET-3.0) 1		0,0117	0,0005	mg/L		2017-05-03
Dissolved selenium (Se) (M-MET-3.0) 1		0,038	0,001	mg/L		2017-05-03
Dissolved silver (Ag) (M-MET-3.0) 1		<0,0001	0,0001	mg/L		2017-05-03



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Certificat # : VD000795

Client # : 990

Client Reference : ST-21 South Cell

Dissolved thallium (Tl) (M-MET-3.0) 1	<0,0008	0,0008	mg/L		2017-05-08
Dissolved zinc (Zn) (M-MET-3.0) 1	<0,001	0,001	mg/L		2017-05-03
Iron (Fe) (M-MET-3.0) a 1	0,99	0,01	mg/L		2017-05-03
Lead (Pb) (M-MET-3.0) a 1	<0,0003	0,0003	mg/L		2017-05-03
Manganese (Mn) (M-MET-3.0) a 1	0,2540	0,0005	mg/L		2017-05-03
Mercury (Hg) (M-MET-3.0) a 1	0,00027	0	mg/L		2017-05-10
Molybdenum (Mo) (M-MET-3.0) a 1	0,5087	0,0005	mg/L		2017-05-03
Nickel (Ni) (M-MET-3.0) a 1	0,0654	0,0005	mg/L		2017-05-03
Selenium (Se) (M-MET-3.0) a 1	0,038	0,001	mg/L		2017-05-03
Silver (Ag) (M-MET-3.0) a 1	<0,0001	0,0001	mg/L		2017-05-03
Thallium (Tl) (M-MET-3.0) 1	<0,0008	0,0008	mg/L		2017-05-08
Zinc (Zn) (M-MET-3.0) a 1	<0,001	0,001	mg/L		2017-05-03
Ammonia nitrogen (NH ₃ -NH ₄) (M-NH ₃ -2.0) a 1	56,15	0,01	mg N/L		2017-05-04
NH ₃ (Unionized) (M-NH ₃ -2.0) (Calculé) a 1	1,61	0,01	mg N/L		2017-05-04
Nitrate (NO ₃) (M-NITR-2.0) a 1	4,98	0,01	mg N/L		2017-05-03
Nitrite (NO ₂) (M-NITR-2.0) a 1	0,39	0,01	mg N/L		2017-05-03
Total suspended solids (M-SOLI-1.0) a 2	16	1	mg/L		2017-05-03
Sulfate (SO ₄) (M-SULF-2.0) a 1	2322	0,6	mg SO ₄ /L		2017-05-04
Alkalinity (M-TIT-1.0) 2	125	2	mg CaCO ₃ /L		2017-05-02
Dissolved solids (M-TIT-1.0) 2	3680	1	mg/L		2017-05-02
Selenium 4 (Sous-traitance) st3	0,002	0,001	mg/L	-	2017-05-09
Selenium 6 (Sous-traitance) st3	0,014	0,001	mg/L	-	2017-05-09



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 www.h2lab.ca

Certificat # : VD000795

Client # : 990

Client Reference : ST-21 South Cell

Blank

<u>Parameter</u>	<u>Result</u>
Cyanates (CNO)	< 0,01
Fluoride (F)	< 0,02
Thiocyanate (SCN)	< 0,05
Chloride (Cl)	< 0,5
Dissolved aluminium (Al)	<0,006
Dissolved silver (Ag)	<0,0001
Dissolved arsenic (As)	<0,0005
Dissolved barium (Ba)	<0,0005
Dissolved cadmium (Cd)	<0,00002
Dissolved chromium (Cr)	<0,0006
Dissolved copper (Cu)	<0,0005
Dissolved iron (Fe)	<0,01
Dissolved manganese (Mn)	<0,0005
Mercury (Hg)	<0,00001
Dissolved mercury (Hg)	<0,00001
Dissolved molybdenum (Mo)	<0,0005
Dissolved nickel (Ni)	<0,0005
Dissolved lead (Pb)	<0,0003
Dissolved selenium (Se)	<0,001
Dissolved thallium (Tl)	<0,0008
Dissolved zinc (Zn)	<0,001
Total suspended solids	< 1
Sulfate (SO4)	< 0,6

Reference material

<u>Material</u>	<u>Reference</u>	<u>Parameter</u>	<u>Result</u>	<u>Expected value</u>
Controle Maison CNO		Cyanates (CNO)	196	250
250 ppm				
DMR-0188-2017-F		Fluoride (F)	2,48	2.31
STD SCN 568ppm		Thiocyanate (SCN)	593,00	568
DMR-0188-2017-Cl	DMR-0188-2017-C	Chloride (Cl)	114,1	108
C00-046-705_X_1000		Dissolved aluminium (Al)	0,945	1.000
DMR-0188-2017-Ag		Dissolved silver (Ag)	0,0421	0.0424
C00-046-705_X_1000		Dissolved arsenic (As)	0,0866	0.1000
C00-046-705_X_1000		Dissolved barium (Ba)	0,0814	0.1000
C00-046-705_X_1000		Dissolved cadmium (Cd)	0,10439	0.1000
C00-046-705_X_1000		Dissolved chromium (Cr)	0,0989	0.1000
C00-046-705_X_1000		Dissolved copper (Cu)	0,0938	0.1000
C00-046-705_X_1000		Dissolved iron (Fe)	1,00	1.000
C00-046-705_X_1000		Dissolved manganese (Mn)	0,0981	0.1000
DMR-0119-2017-HgEu		Mercury (Hg)	0,00050	0.00070
DMR-0119-2017-HgEu		Dissolved mercury (Hg)	0,00050	0.00070
C00-046-705_X_1000		Dissolved molybdenum (Mo)	0,0942	0.1000
C00-046-705_X_1000		Dissolved nickel (Ni)	0,1010	0.1000
C00-046-705_X_1000		Dissolved lead (Pb)	0,0911	0.1000
C00-046-705_X_1000		Dissolved selenium (Se)	0,105	0.1000
Tl-S140909023-1000p		Dissolved thallium (Tl)	842,0000	1000
pm				
C00-046-705_X_1000		Dissolved zinc (Zn)	0,098	0.1000
STD-MES 25mg/L		Total suspended solids	22	25
DMR-0188-2017-SO4	DMR-0188-2017-1	Sulfate (SO4)	124	123



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Certificat # : VD000795

Client # : 990

Client Reference : ST-21 South Cell

Duplicate result

<u>Sample</u>	<u>Parameter</u>	<u>Result</u>	<u>Duplicate Result</u>
B101085	Mercury (Hg)	0,00027	0,00027

Legend :

a : Parameter(s) accredited 1 : analysis made by H2Lab Laboratory at Rouyn-Noranda st3 : analysis made by outsourced laboratory 2 : analysis made by H2Lab Laboratory at Val d'Or

The sample's appreciation and conformity towards established norms, if applicable, is based and limited to analyzed parameters. This report can't be reproduced, unless in whole, without prior written authorization from the laboratory. The results are related only to samples submitted for testing.



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Phone : 819 874-0350
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Certificate # : VD000797

Client #: 990

Client Reference : ST-8/ST-MMER-3a Monthly

CERTIFICATE OF ANALYSIS

Agnico Eagle Division Meadowbank

General Delivery
Baker Lake
Nunavut X0C 0A0
Phone number : (604) 677-0689

Sample # : B101087 (ST-8/ST-MMER-3a Monthly)

Matrix : Water
Received on : 2017-05-02
Sampled on : 2017-05-01 8:20
Sampling site : ST-8/ST-MMER-3a Monthly
Sampler : Fanny Laporte / Martin T.

Parameter (laboratory method)	Method of reference	Result	Detection Limit	Unit	Norm/ Recom.	Date of analysis
Total cyanide (tCN) (M-CN-1.0) a 1		0,007	0,001	mg/L		2017-05-03
Aluminium (Al) (M-MET-3.0) a 1		0,039	0,006	mg/L		2017-05-03
Arsenic (As) (M-MET-3.0) a 1		<0,0005	0,0005	mg/L		2017-05-03
Copper (Cu) (M-MET-3.0) a 1		0,0020	0,0005	mg/L		2017-05-03
Lead (Pb) (M-MET-3.0) a 1		<0,0003	0,0003	mg/L		2017-05-03
Nickel (Ni) (M-MET-3.0) a 1		<0,0005	0,0005	mg/L		2017-05-03
Zinc (Zn) (M-MET-3.0) a 1		<0,001	0,001	mg/L		2017-05-03
Radium (Ra 226) (M-RA-2.0) a 2		0,002	0,002	Bq/L		2017-05-15
Total suspended solids (M-SOLI-1.0) a 2		1	1	mg/L		2017-05-03
Sulfate (SO4) (M-SULF-2.0) a 1		6,3	0,6	mg SO4/L		2017-05-04

Blank

Parameter	Result
Radium (Ra 226)	< 0,002
Total suspended solids	< 1
Sulfate (SO4)	< 0,6

Reference material

Material	Reference	Parameter	Result	Expected value
STD 54981		Radium (Ra 226)	0,070	0.0822
STD-MES 25mg/L		Total suspended solids	22	25
DMR-0188-2017-SO4	DMR-0188-2017-1	Sulfate (SO4)	124	123

Legend :

a : Parameter(s) accredited 1 : analysis made by H2Lab Laboratory at Rouyn-Noranda 2 : analysis made by H2Lab Laboratory at Val d'Or

The sample's appreciation and conformity towards established norms, if applicable, is based and limited to analyzed parameters. This report can't be reproduced, unless in whole, without prior written authorization from the laboratory. The results are related only to samples submitted for testing.



Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-63909

Sampling location: STP-LJMIX

Sampling date: June 05, 2017

Sample name: STP-LJMIX

Sampling hour: 08:00

Sampled by: FL/MBA

Date received: June 06, 2017

Matrix: Waste Water

Reported on: June 19, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
This report shall not be reproduced except in full without the written authority of the laboratory.



Analytical Report

Lab number: V-63909

Sample name: STP-LJMIX

Sampling location: STP-LJMIX

Sampling date: June 05, 2017

Sampling hour: 08:00

Parameter	Result	Method name	Analysis date
Total Suspended Solids	19 mg/L	M-SOLI-1.0	June 07, 2017
Nitrate (NO3)	8.95 mg N/L	Sous-traitance\Multilab Direct	June 09, 2017
Nitrite (NO2)	2.45 mg N/L	Sous-traitance\Multilab Direct	June 08, 2017
Ammonia nitrogen (NH3-NH4)	5.4 mg N/L	Sous-traitance\Bio-Services Inc.	June 13, 2017
Kjeldahl nitrogen	7.8 mg N/L	Sous-traitance\Bio-Services Inc.	June 13, 2017
BOD-5	27 mg/L	Sous-traitance\Bio-Services Inc.	June 08, 2017
COD	93 mg/L	Sous-traitance\Bio-Services Inc.	June 13, 2017
Total Phosphorus (P)	9 mg P/L	Sous-traitance\Bio-Services Inc.	June 13, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Detection limit

Lab number: V-63909

Sample name: STP-LJMIX

Sampling location: STP-LJMIX

Sampling date: June 05, 2017

Sampling hour: 08:00

Parameter	Value	Unit	Method	Accreditation
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Nitrate (NO3)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO2)	0.01	mg N/L	Sous-traitance	Yes
Kjeldahl nitrogen	1	mg N/L	Sous-traitance	
BOD-5	1	mg/L	Sous-traitance	
COD	10	mg/L	Sous-traitance	
Total Phosphorus (P)	0.001	mg P/L	Sous-traitance	

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Quality control Report

Lab number: V-63909

Sample name: STP-LJMIX

Sampling location: STP-LJMIX

Sampling date: June 05, 2017

Sampling hour: 08:00

Parameter

Total Suspended Solids mg/L	Blank <1
	Standard name STD-MES 25mg/L
	Result 24
	Accuracy 96%
	Limit 19 - 31

Nitrate (NO3) mg N/L	Blank <0.01
Nitrite (NO2) mg N/L	Blank <0.01
	Standard name DMR-0219-2017-NO2
	Result 2.62
	Accuracy 96.7%
	Limit 2.30 - 3.12

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
This report shall not be reproduced except in full without the written authority of the laboratory.



Additional information

Lab number: V-63909
Sample name: STP-LJMIX
Sampling location: STP-LJMIX

Sampling date: June 05, 2017
Sampling hour: 08:00

Lab method	Method reference
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-63909

Sampling location: STP-LJMIX

Sampling date: June 05, 2017

Sample name: STP-LJMIX

Sampling hour: 08:00

Sampled by: FL/MBA

Date received: June 06, 2017

Matrix: Waste Water

Drinking water distribution:

Corrected certificate, replacing the certificate V-63909 done on June 19 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Lab number: V-63909

Sample name: STP-LJMIX

Sampling location: STP-LJMIX

Sampling date: June 05, 2017

Sampling hour: 08:00

Parameter	Result	Method name	Analysis date
Total Suspended Solids	19 mg/L	M-SOLI-1.0	June 07, 2017
Nitrate (NO3)	8.95 mg N/L	Sous-traitance\Multilab Direct	June 09, 2017
Nitrite (NO2)	2.45 mg N/L	Sous-traitance\Multilab Direct	June 08, 2017
Ammonia nitrogen (NH3-NH4)	5.4 mg N/L	Sous-traitance\Bio-Services Inc.	June 13, 2017
Kjeldahl nitrogen	7.8 mg N/L	Sous-traitance\Bio-Services Inc.	June 13, 2017
BOD-5	27 mg/L	Sous-traitance\Bio-Services Inc.	June 08, 2017
COD	93 mg/L	Sous-traitance\Bio-Services Inc.	June 13, 2017
Total Phosphorus (P)	9 mg P/L	Sous-traitance\Bio-Services Inc.	June 13, 2017
Ammonia NH3 (non-ionized)	0.03 mg N/L	Sous-traitance\Multilab Direct	June 13, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Detection limit

Lab number: V-63909

Sample name: STP-LJMIX

Sampling location: STP-LJMIX

Sampling date: June 05, 2017

Sampling hour: 08:00

Parameter	Value	Unit	Method	Accreditation
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Nitrate (NO3)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO2)	0.01	mg N/L	Sous-traitance	Yes
Kjeldahl nitrogen	1	mg N/L	Sous-traitance	
BOD-5	1	mg/L	Sous-traitance	
COD	10	mg/L	Sous-traitance	
Total Phosphorus (P)	0.001	mg P/L	Sous-traitance	
Ammonia NH3 (non-ionized)	0.01	mg N/L	Sous-traitance	-

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

This report shall not be reproduced except in full without the written authority of the laboratory.



Quality control Report

Lab number: V-63909

Sample name: STP-LJMIX

Sampling date: June 05, 2017

Sampling location: STP-LJMIX

Sampling hour: 08:00

Parameter

Total Suspended Solids mg/L	Blank <1
	Standard name STD-MES 25mg/L
	Result 24
	Accuracy 96%
	Limit 19 - 31
Nitrate (NO3) mg N/L	Blank <0.01
Nitrite (NO2) mg N/L	Blank <0.01
	Standard name DMR-0219-2017-NO2
	Result 2.62
	Accuracy 96.7%
	Limit 2.30 - 3.12

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Additional information

Lab number: V-63909
Sample name: STP-LJMIX
Sampling location: STP-LJMIX

Sampling date: June 05, 2017
Sampling hour: 08:00

Lab method	Method reference
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-63910

Sampling location: STP-SEP

Sampling date: June 05, 2017

Sample name: STP-SEP

Sampling hour: 08:00

Sampled by: FL/MBA

Date received: June 06, 2017

Matrix: Waste Water

Reported on: June 19, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
This report shall not be reproduced except in full without the written authority of the laboratory.



Analytical Report

Lab number: V-63910

Sample name: STP-SEP

Sampling location: STP-SEP

Sampling date: June 05, 2017

Sampling hour: 08:00

Parameter	Result	Method name	Analysis date
Total Suspended Solids	16 mg/L	M-SOLI-1.0	June 07, 2017
Nitrate (NO3)	0.37 mg N/L	Sous-traitance\Multilab Direct	June 09, 2017
Nitrite (NO2)	2.09 mg N/L	Sous-traitance\Multilab Direct	June 08, 2017
Ammonia nitrogen (NH3-NH4)	59 mg N/L	Sous-traitance\Bio-Services Inc.	June 13, 2017
Kjeldahl nitrogen	6.1 mg N/L	Sous-traitance\Bio-Services Inc.	June 13, 2017
BOD-5	10 mg/L	Sous-traitance\Bio-Services Inc.	June 08, 2017
COD	79 mg/L	Sous-traitance\Bio-Services Inc.	June 13, 2017
Total Phosphorus (P)	9.1 mg P/L	Sous-traitance\Bio-Services Inc.	June 13, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Detection limit

Lab number: V-63910

Sample name: STP-SEP

Sampling location: STP-SEP

Sampling date: June 05, 2017

Sampling hour: 08:00

Parameter	Value	Unit	Method	Accreditation
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Nitrate (NO3)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO2)	0.01	mg N/L	Sous-traitance	Yes
Kjeldahl nitrogen	1	mg N/L	Sous-traitance	
BOD-5	1	mg/L	Sous-traitance	
COD	10	mg/L	Sous-traitance	
Total Phosphorus (P)	0.001	mg P/L	Sous-traitance	

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Quality control Report

Lab number: V-63910
Sample name: STP-SEP
Sampling location: STP-SEP

Sampling date: June 05, 2017
Sampling hour: 08:00

Parameter	
Total Suspended Solids mg/L	Blank <1
	Standard name STD-MES 25mg/L
	Result 24
	Accuracy 96%
	Limit 19 - 31
Nitrate (NO3) mg N/L	Blank <0.01
Nitrite (NO2) mg N/L	Blank <0.01
	Standard name DMR-0219-2017-NO2
	Result 2.62
	Accuracy 96.7%
	Limit 2.30 - 3.12

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Additional information

Lab number: V-63910
Sample name: STP-SEP
Sampling location: STP-SEP

Sampling date: June 05, 2017
Sampling hour: 08:00

Lab method	Method reference
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
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Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: M-118258

Sampling location: STP-IN

Sampling date: June 05, 2017

Sample name: STP-IN

Sampling hour: 08:00

Sampled by: FL/MBA

Date received: June 06, 2017

Matrix: Waste water

Drinking water distribution: **NA**

Reported on: June 14, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
This report shall not be reproduced except in full without the written authority of the laboratory.



Analytical Report

Lab number: M-118258

Sample name: STP-IN

Sampling location: STP-IN

Sampling date: June 05, 2017

Sampling hour: 08:00

Parameter	Result	Method name	Analysis date
Fecal coliforms	5 000 000 CFU/100ml	M-COLI-1,0	June 07, 2017
Total coliforms	*** CFU/100ml	M-COLI-2,0	June 07, 2017
Atypical colonies	> 200 000 000 CFU/100ml	M-COLI-2,0	June 07, 2017
Temperature	12 °C	M-TEMP-1.0	June 06, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Additional information

Lab number: M-118258

Sample name: STP-IN

Sampling location: STP-IN

Sampling date: June 05, 2017

Sampling hour: 08:00

*****The great number of bacteria restrain distinction of total coliforms and atypical colony. Numbers of total coliforms may be misjudged ; it is not mentioned.**

Lab method	Method reference
M-COLI-1,0	MA.700-Ecctmi 1.0
M-COLI-2,0	MA.700-Ecctmi 1.0

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: M-118259

Sampling location: STP-LJMIX

Sampling date: June 05, 2017

Sample name: STP-LJMIX

Sampling hour: 08:00

Sampled by: FL/MBA

Date received: June 06, 2017

Matrix: Waste water

Drinking water distribution: **NA**

Reported on: June 14, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
This report shall not be reproduced except in full without the written authority of the laboratory.



Analytical Report

Lab number: M-118259

Sample name: STP-LJMIX

Sampling location: STP-LJMIX

Sampling date: June 05, 2017

Sampling hour: 08:00

Parameter	Result	Method name	Analysis date
Fecal coliforms	> 600 CFU/100ml	M-COLI-1,0	June 07, 2017
Total coliforms	300 000 CFU/100ml	M-COLI-2,0	June 07, 2017
Atypical colonies	40 000 CFU/100ml	M-COLI-2,0	June 07, 2017
Temperature	10.5 °C	M-TEMP-1.0	June 06, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
This report shall not be reproduced except in full without the written authority of the laboratory.



Additional information

Lab number: M-118259

Sample name: STP-LJMIX

Sampling location: STP-LJMIX

Sampling date: June 05, 2017

Sampling hour: 08:00

State of the sample at reception : Temperature under 12°C.

Lab method	Method reference
M-COLI-1,0	MA.700-Ecctmi 1.0
M-COLI-2,0	MA.700-Ecctmi 1.0

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: M-118260

Sampling location: STP-SEP

Sampling date: June 05, 2017

Sample name: STP-SEP

Sampling hour: 08:00

Sampled by: FL/MBA

Date received: June 06, 2017

Matrix: Waste water

Drinking water distribution: **NA**

Reported on: June 14, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Lab number: M-118260
Sample name: STP-SEP
Sampling location: STP-SEP

Sampling date: June 05, 2017
Sampling hour: 08:00

Parameter	Result	Method name	Analysis date
Fecal coliforms	100 CFU/100ml	M-COLI-1,0	June 07, 2017
Total coliforms	< 1 000 CFU/100ml	M-COLI-2,0	June 07, 2017
Atypical colonies	9 000 CFU/100ml	M-COLI-2,0	June 07, 2017
Temperature	10 °C	M-TEMP-1.0	June 06, 2017

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Additional information

Lab number: M-118260

Sample name: STP-SEP

Sampling location: STP-SEP

Sampling date: June 05, 2017

Sampling hour: 08:00

State of the sample at reception : Temperature under 12°C.

Lab method	Method reference
M-COLI-1,0	MA.700-Ecctmi 1.0
M-COLI-2,0	MA.700-Ecctmi 1.0

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-63905

Sampling location: WEP2

Sampling date: June 05, 2017

Sample name: ST-31

Sampling hour: 08:00

Sampled by: Tom T

Date received: June 06, 2017

Matrix: Waste Water

Reported on: June 23, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Lab number: V-63905

Sample name: ST-31

Sampling location: WEP2

Sampling date: June 05, 2017

Sampling hour: 08:00

Parameter	Result	Method name	Analysis date
Alkalinity	28 mg CaCO ₃ /L	M-TIT-1.0	June 06, 2017
Aluminium (Al)	0.269 mg/L	Sous-traitance\Multilab Direct	June 09, 2017
Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	June 09, 2017
Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	June 09, 2017
Barium (Ba)	<0.0005 mg/L	Sous-traitance\Multilab Direct	June 09, 2017
Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	June 09, 2017
Chloride	1.1 mg/L	Sous-traitance\Multilab Direct	June 12, 2017
Chrome (Cr)	0.0015 mg/L	Sous-traitance\Multilab Direct	June 09, 2017
Copper (Cu)	<0.0005 mg/L	Sous-traitance\Multilab Direct	June 09, 2017
Cyanide W.A.D.	<0.001 mg/L	Sous-traitance\Multilab Direct	June 09, 2017
Total Cyanide (CNT)	<0.001 mg/L	Sous-traitance\Multilab Direct	June 09, 2017
Hardness	29 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	June 09, 2017
Iron (Fe)	0.51 mg/L	Sous-traitance\Multilab Direct	June 09, 2017
Fluoride (F)	0.07 mg/L	Sous-traitance\Multilab Direct	June 14, 2017
Total Suspended Solids	19 mg/L	M-SOLI-1.0	June 07, 2017
Manganese (Mn)	0.0425 mg/L	Sous-traitance\Multilab Direct	June 09, 2017
Mercury (Hg)	0.00001 mg/L	Sous-traitance\Multilab Direct	June 13, 2017
Molybdenum (Mo)	<0.0005 mg/L	Sous-traitance\Multilab Direct	June 09, 2017
Nickel (Ni)	0.0027 mg/L	Sous-traitance\Multilab Direct	June 09, 2017
Nitrate (NO ₃)	0.38 mg N/L	Sous-traitance\Multilab Direct	June 09, 2017
Nitrite (NO ₂)	<0.01 mg N/L	Sous-traitance\Multilab Direct	June 08, 2017
Lead (Pb)	0.0053 mg/L	Sous-traitance\Multilab Direct	June 16, 2017
Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	June 09, 2017
Dissolved Solids	53 mg/L	M-TIT-1.0	June 06, 2017
Sulfate (SO ₄)	11.5 mg SO ₄ /L	Sous-traitance\Multilab Direct	June 15, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	June 09, 2017
Zinc (Zn)	<0.001 mg/L	Sous-traitance\Multilab Direct	June 09, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	0.13 mg N/L	Sous-traitance\Bio-Services Inc.	June 07, 2017
Ammonia NH ₃ (non-ionized)	<0.05 mg N/L	Sous-traitance\Bio-Services Inc.	June 08, 2017

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Detection limit

Lab number: V-63905

Sample name: ST-31

Sampling location: WEP2

Sampling date: June 05, 2017

Sampling hour: 08:00

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO ₃ /L	M-TIT-1.0	
Aluminium (Al)	0.006	mg/L	Sous-traitance	
Silver (Ag)	0.0001	mg/L	Sous-traitance	Yes
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Chloride	0.5	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Cyanide W.A.D.	0.001	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO ₃ /L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes
Fluoride (F)	0.02	mg/L	Sous-traitance	Yes
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Nitrate (NO ₃)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO ₂)	0.01	mg N/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Dissolved Solids	1	mg/L	M-TIT-1.0	
Sulfate (SO ₄)	0.6	mg SO ₄ /L	Sous-traitance	Yes
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes

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Quality control Report

Lab number: V-63905

Sample name: ST-31

Sampling location: WEP2

Sampling date: June 05, 2017

Sampling hour: 08:00

Parameter	
Alkalinity mg CaCO3/L	Standard name STD alcalinité Result 143 Accuracy 98.6% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006 Standard name C00-046-705_X_1000 Result 1.05 Accuracy 95% Limit 0.800 - 1.200
Silver (Ag) mg/L	Blank <0.0001 Standard name DMR-0013-2017-Ag Result 0.0359 Accuracy 84.7% Limit 0.0339 - 0.0509
Arsenic (As) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0986 Accuracy 98.6% Limit 0.0700 - 0.1300
Barium (Ba) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0960 Accuracy 96% Limit 0.0800 - 0.1200
Cadmium (Cd) mg/L	Blank <0.00002 Standard name C00-046-705_X_1000 Result 0.09707 Accuracy 97.1% Limit 0.0800 - 0.1200
Chloride mg/L	Blank <0.5 Standard name DMR-0219-2017-Cl Result 110 Accuracy 98.1% Limit 95 - 121
Chrome (Cr) mg/L	Blank <0.0006 Standard name C00-046-705_X_1000 Result 0.1001 Accuracy 99.9% Limit 0.0800 - 0.1200
Copper (Cu) mg/L	Blank <0.0005

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Quality control Report

Lab number: V-63905

Sample name: ST-31

Sampling location: WEP2

Sampling date: June 05, 2017

Sampling hour: 08:00

Parameter	
	Standard name C00-046-705_X_1000
	Result 0.1066
	Accuracy 93.4%
	Limit 0.0800 - 0.1200
Cyanide W.A.D. mg/L	Blank <0.001
	Standard name DMR-0219-CN
	Result 0.126
	Accuracy 98.4%
	Limit 0.105 - 0.143
Total Cyanide (CNT) mg/L	Blank <0.001
	Standard name DMR-0219-CN
	Result 0.236
	Accuracy 97.9%
	Limit 0.205 - 0.277
Iron (Fe) mg/L	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.14
	Accuracy 86%
	Limit 0.800 - 1.200
Fluoride (F) mg/L	Blank <0.02
	Standard name DMR-0219-2017-Fluor
	Result 2.24
	Accuracy 97%
	Limit 2.14 - 2.48
Total Suspended Solids mg/L	Blank <1
	Standard name STD-MES 25mg/L
	Result 24
	Accuracy 96%
	Limit 19 - 31
Manganese (Mn) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1019
	Accuracy 98.1%
	Limit 0.0800 - 0.1200
Mercury (Hg) mg/L	Blank <0.00001
	Standard name DMR-0219-2017-HgEu
	Result 0.00050
	Accuracy 71.4%
	Limit 0.00042 - 0.00098
Molybdenum (Mo) mg/L	Blank <0.0005

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Quality control Report

Lab number: V-63905

Sample name: ST-31

Sampling location: WEP2

Sampling date: June 05, 2017

Sampling hour: 08:00

Parameter	
	Standard name C00-046-705_X_1000
	Result 0.0927
	Accuracy 92.7%
	Limit 0.0800 - 0.1200
Nickel (Ni) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1026
	Accuracy 97.4%
	Limit 0.0800 - 0.1200
Nitrate (NO3) mg N/L	Blank <0.01
Nitrite (NO2) mg N/L	Blank <0.01
	Standard name DMR-0219-2017-NO2
	Result 2.62
	Accuracy 96.7%
	Limit 2.30 - 3.12
Lead (Pb) mg/L	Blank <0.0003
	Standard name DMR-0219-2017-Eu
	Result 0.8128
	Accuracy 90%
	Limit 0.722 - 1.084
Selenium (Se) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.101
	Accuracy 99%
	Limit 0.0800 - 0.1200
Sulfate (SO4) mg SO4/L	Blank <0.6
	Standard name DMR-0219-2017-SO4
	Result 119
	Accuracy 96.7%
	Limit 114 - 132
Thallium (Tl) mg/L	Blank <0.0008
	Standard name Tl-S140909023-1000ppm
	Result 961
	Accuracy 96.1%
	Limit 800 - 1200
	Sample duplicate <0.0008-<0.0008
Zinc (Zn) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.104
	Accuracy 96%

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Additional information

Lab number: V-63905
Sample name: ST-31
Sampling location: WEP2

Sampling date: June 05, 2017
Sampling hour: 08:00

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-CL-2.0	MA.300-Ions 1.3
M-CN-1.0	MA.300-CN 1.2
M-CI-1.0	MA.300-Anions 1.0
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-SULF-2.0	MA.300-Ions 1.3

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-63906

Sampling location: WEP1

Sampling date: June 05, 2017

Sample name: ST-30

Sampling hour: 08:15

Sampled by: Tom T

Date received: June 06, 2017

Matrix: Waste Water

Reported on: June 23, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Lab number: V-63906

Sample name: ST-30

Sampling location: WEP1

Sampling date: June 05, 2017

Sampling hour: 08:15

Parameter	Result	Method name	Analysis date
Alkalinity	29 mg CaCO ₃ /L	M-TIT-1.0	June 06, 2017
Aluminium (Al)	0.216 mg/L	Sous-traitance\Multilab Direct	June 09, 2017
Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	June 09, 2017
Arsenic (As)	0.0028 mg/L	Sous-traitance\Multilab Direct	June 09, 2017
Barium (Ba)	0.0009 mg/L	Sous-traitance\Multilab Direct	June 09, 2017
Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	June 09, 2017
Chloride	1.3 mg/L	Sous-traitance\Multilab Direct	June 12, 2017
Chrome (Cr)	0.0015 mg/L	Sous-traitance\Multilab Direct	June 09, 2017
Copper (Cu)	0.0052 mg/L	Sous-traitance\Multilab Direct	June 09, 2017
Cyanide W.A.D.	0.002 mg/L	Sous-traitance\Multilab Direct	June 09, 2017
Total Cyanide (CNT)	0.006 mg/L	Sous-traitance\Multilab Direct	June 09, 2017
Hardness	32 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	June 09, 2017
Iron (Fe)	0.6 mg/L	Sous-traitance\Multilab Direct	June 09, 2017
Fluoride (F)	0.07 mg/L	Sous-traitance\Multilab Direct	June 14, 2017
Total Suspended Solids	9 mg/L	M-SOLI-1.0	June 07, 2017
Manganese (Mn)	0.0636 mg/L	Sous-traitance\Multilab Direct	June 09, 2017
Mercury (Hg)	0.00001 mg/L	Sous-traitance\Multilab Direct	June 13, 2017
Molybdenum (Mo)	0.0031 mg/L	Sous-traitance\Multilab Direct	June 09, 2017
Nickel (Ni)	0.0024 mg/L	Sous-traitance\Multilab Direct	June 09, 2017
Nitrate (NO ₃)	1.01 mg N/L	Sous-traitance\Multilab Direct	June 09, 2017
Nitrite (NO ₂)	0.01 mg N/L	Sous-traitance\Multilab Direct	June 08, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	June 16, 2017
Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	June 09, 2017
Dissolved Solids	62 mg/L	M-TIT-1.0	June 06, 2017
Sulfate (SO ₄)	11.9 mg SO ₄ /L	Sous-traitance\Multilab Direct	June 15, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	June 09, 2017
Zinc (Zn)	<0.001 mg/L	Sous-traitance\Multilab Direct	June 09, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	0.37 mg N/L	Sous-traitance\Bio-Services Inc.	June 07, 2017
Ammonia NH ₃ (non-ionized)	<0.05 mg N/L	Sous-traitance\Bio-Services Inc.	June 08, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Detection limit

Lab number: V-63906

Sample name: ST-30

Sampling location: WEP1

Sampling date: June 05, 2017

Sampling hour: 08:15

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO ₃ /L	M-TIT-1.0	
Aluminium (Al)	0.006	mg/L	Sous-traitance	
Silver (Ag)	0.0001	mg/L	Sous-traitance	Yes
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Chloride	0.5	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Cyanide W.A.D.	0.001	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO ₃ /L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes
Fluoride (F)	0.02	mg/L	Sous-traitance	Yes
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Nitrate (NO ₃)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO ₂)	0.01	mg N/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Dissolved Solids	1	mg/L	M-TIT-1.0	
Sulfate (SO ₄)	0.6	mg SO ₄ /L	Sous-traitance	Yes
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Quality control Report

Lab number: V-63906

Sample name: ST-30

Sampling location: WEP1

Sampling date: June 05, 2017

Sampling hour: 08:15

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 143 Accuracy 98.6% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006 Standard name C00-046-705_X_1000 Result 1.05 Accuracy 95% Limit 0.800 - 1.200
Silver (Ag) mg/L	Blank <0.0001 Standard name DMR-0013-2017-Ag Result 0.0359 Accuracy 84.7% Limit 0.0339 - 0.0509
Arsenic (As) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0986 Accuracy 98.6% Limit 0.0700 - 0.1300
Barium (Ba) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0960 Accuracy 96% Limit 0.0800 - 0.1200
Cadmium (Cd) mg/L	Blank <0.00002 Standard name C00-046-705_X_1000 Result 0.09707 Accuracy 97.1% Limit 0.0800 - 0.1200
Chloride mg/L	Blank <0.5 Standard name DMR-0219-2017-Cl Result 110 Accuracy 98.1% Limit 95 - 121 Sample duplicate 1.3-1.4
Chrome (Cr) mg/L	Blank <0.0006 Standard name C00-046-705_X_1000 Result 0.1001 Accuracy 99.9% Limit 0.0800 - 0.1200

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Quality control Report

Lab number: V-63906

Sample name: ST-30

Sampling location: WEP1

Sampling date: June 05, 2017

Sampling hour: 08:15

Parameter	
Copper (Cu) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1066 Accuracy 93.4% Limit 0.0800 - 0.1200
Cyanide W.A.D. mg/L	Blank <0.001 Standard name DMR-0219-CN Result 0.126 Accuracy 98.4% Limit 0.105 - 0.143
Total Cyanide (CNT) mg/L	Blank <0.001 Standard name DMR-0219-CN Result 0.236 Accuracy 97.9% Limit 0.205 - 0.277
Iron (Fe) mg/L	Blank <0.01 Standard name C00-046-705_X_1000 Result 1.14 Accuracy 86% Limit 0.800 - 1.200
Fluoride (F) mg/L	Blank <0.02 Standard name DMR-0219-2017-Fluor Result 2.24 Accuracy 97% Limit 2.14 - 2.48
Total Suspended Solids mg/L	Blank <1 Standard name STD-MES 25mg/L Result 24 Accuracy 96% Limit 19 - 31
Manganese (Mn) mg/L	Sample duplicate 9-8 Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1019 Accuracy 98.1% Limit 0.0800 - 0.1200
Mercury (Hg) mg/L	Blank <0.00001 Standard name DMR-0219-2017-HgEu Result 0.00050 Accuracy 71.4%

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Quality control Report

Lab number: V-63906

Sample name: ST-30

Sampling location: WEP1

Sampling date: June 05, 2017

Sampling hour: 08:15

Parameter	
Molybdenum (Mo) mg/L	Limit 0.00042 - 0.00098
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0927
	Accuracy 92.7%
Nickel (Ni) mg/L	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1026
	Accuracy 97.4%
Nitrate (NO3) mg N/L	Limit 0.0800 - 0.1200
	Blank <0.01
Nitrite (NO2) mg N/L	Sample duplicate 1.01-1.06
	Blank <0.01
Lead (Pb) mg/L	Standard name DMR-0219-2017-NO2
	Result 2.62
	Accuracy 96.7%
	Limit 2.30 - 3.12
	Sample duplicate 0.01-0.01
Selenium (Se) mg/L	Blank <0.0003
	Standard name DMR-0219-2017-Eu
	Result 0.8128
	Accuracy 90%
	Limit 0.722 - 1.084
Sulfate (SO4) mg SO4/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.101
	Accuracy 99%
	Limit 0.0800 - 0.1200
Thallium (Tl) mg/L	Blank <0.6
	Standard name DMR-0219-2017-SO4
	Result 119
	Accuracy 96.7%
	Limit 114 - 132
Zinc (Zn) mg/L	Blank <0.0008
	Standard name Tl-S140909023-1000ppm
	Result 961
	Accuracy 96.1%
	Limit 800 - 1200
Zinc (Zn) mg/L	Blank <0.001

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Quality control Report

Lab number: V-63906

Sample name: ST-30

Sampling date: June 05, 2017

Sampling location: WEP1

Sampling hour: 08:15

Parameter

Standard name C00-046-705_X_1000

Result 0.104

Accuracy 96%

Limit 0.0800 - 0.1200

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Additional information

Lab number: V-63906
Sample name: ST-30
Sampling location: WEP1

Sampling date: June 05, 2017
Sampling hour: 08:15

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-CL-2.0	MA.300-Ions 1.3
M-CN-1.0	MA.300-CN 1.2
M-CI-1.0	MA.300-Anions 1.0
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-SULF-2.0	MA.300-Ions 1.3

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-63908

Sampling location: STP-IN

Sampling date: June 05, 2017

Sample name: STP-IN

Sampling hour: 08:00

Sampled by: FL/MBA

Date received: June 06, 2017

Matrix: Waste Water

Reported on: June 23, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Lab number: V-63908

Sample name: STP-IN

Sampling location: STP-IN

Sampling date: June 05, 2017

Sampling hour: 08:00

Parameter	Result	Method name	Analysis date
Total Suspended Solids	76 mg/L	M-SOLI-1.0	June 07, 2017
Nitrate (NO3)	<0.01 mg N/L	Sous-traitance\Multilab Direct	June 09, 2017
Nitrite (NO2)	<0.01 mg N/L	Sous-traitance\Multilab Direct	June 08, 2017
Ammonia nitrogen (NH3-NH4)	81 mg N/L	Sous-traitance\Bio-Services Inc.	June 13, 2017
Kjeldahl nitrogen	112 mg N/L	Sous-traitance\Bio-Services Inc.	June 13, 2017
COD	517 mg/L	Sous-traitance\Bio-Services Inc.	June 13, 2017
Ammonia NH3 (non-ionized)	0.7 mg N/L	Sous-traitance\Bio-Services Inc.	June 08, 2017
BOD-5	133 mg/L	Sous-traitance\Bio-Services Inc.	June 08, 2017
Total Phosphorus (P)	9.1 mg P/L	Sous-traitance\Bio-Services Inc.	June 13, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Detection limit

Lab number: V-63908

Sample name: STP-IN

Sampling location: STP-IN

Sampling date: June 05, 2017

Sampling hour: 08:00

Parameter	Value	Unit	Method	Accreditation
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Nitrate (NO3)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO2)	0.01	mg N/L	Sous-traitance	Yes
Kjeldahl nitrogen	0.7	mg N/L	Sous-traitance	
COD	10	mg/L	Sous-traitance	
BOD-5	1	mg/L	Sous-traitance	
Total Phosphorus (P)	0.04	mg P/L	Sous-traitance	

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Additional information

Lab number: V-63908
Sample name: STP-IN
Sampling location: STP-IN

Sampling date: June 05, 2017
Sampling hour: 08:00

Lab method	Method reference
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-64305

Sampling location: Vault pit

Sampling date: June 11, 2017

Sample name: ST-23

Sampling hour: 15:00

Sampled by: JK

Date received: June 13, 2017

Matrix: Waste Water

Reported on: July 04, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Lab number: V-64305

Sample name: ST-23

Sampling location: Vault pit

Sampling date: June 11, 2017

Sampling hour: 15:00

Parameter	Result	Method name	Analysis date
Alkalinity	96 mg CaCO ₃ /L	M-TIT-1.0	June 14, 2017
Aluminium (Al)	0.605 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Dissolved Aluminium (Al)	0.041 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Antimony (Sb)	0.0049 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Dissolved Antimony (Sb)	0.0045 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Arsenic (As)	0.0066 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Dissolved Arsenic (As)	0.0053 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	3.49 mg N/L	Sous-traitance\Bio-Services Inc.	June 20, 2017
Kjeldahl nitrogen	3.7 mg N/L	Sous-traitance\Bio-Services Inc.	June 22, 2017
Barium (Ba)	0.0268 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Dissolved Barium (Ba)	0.0208 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Dissolved Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
bicarbonate (HCO ₃)	96 mg CaCO ₃ /L	M-TIT-1.0	June 14, 2017
Boron (B)	0.01 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Dissolved Boron (B)	0.02 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Cadmium (Cd)	0.00010 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Dissolved Cadmium (Cd)	0.00002 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Calcium (Ca)	69.2 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Carbonate (CO ₃)	<2 mg CaCO ₃ /L	M-TIT-1.0	June 14, 2017
Dissolved Organic Carbon (D.O.C.)	5.0 mg/L	M-COT-1.0	June 14, 2017
Total Organic Carbon (T.O.C.)	8.8 mg/L	M-COT-1.0	June 14, 2017
Chloride	31.5 mg/L	Sous-traitance\Multilab Direct	June 19, 2017
Chrome (Cr)	0.0028 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Dissolved Chromium (Cr)	0.0018 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Copper (Cu)	<0.0005 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Dissolved Copper (Cu)	<0.0005 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Total Cyanide (CNT)	0.062 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Hardness	248 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	June 20, 2017
Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
dissolved Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Iron (Fe)	1.24 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Iron (Fe)	1.24 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Dissolved Iron (Fe)	0.01 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Fluoride (F)	0.18 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Dissolved Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Total Suspended Solids	22 mg/L	M-SOLI-1.0	June 15, 2017
Magnesium (Mg)	18.4 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Manganese (Mn)	0.2472 mg/L	Sous-traitance\Multilab Direct	June 20, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Analytical Report

Lab number: V-64305

Sample name: ST-23

Sampling location: Vault pit

Sampling date: June 11, 2017

Sampling hour: 15:00

Parameter	Result	Method name	Analysis date
Dissolved Manganese (Mn)	0.1584 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Mercury (Hg)	0.00003 mg/L	Sous-traitance\Multilab Direct	June 16, 2017
Dissolved Mercury (Hg)	0.00004 mg/L	Sous-traitance\Multilab Direct	June 16, 2017
Molybdenum (Mo)	0.0419 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Dissolved Molybdenum (Mo)	0.034 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Ammonia NH3 (non-ionized)	0.07 mg N/L	Sous-traitance\Multilab Direct	June 20, 2017
Nickel (Ni)	0.0098 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Dissolved Nickel (Ni)	0.0061 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Nitrate (NO3)	4.31 mg N/L	Sous-traitance\Multilab Direct	June 16, 2017
Nitrite (NO2)	0.11 mg N/L	Sous-traitance\Multilab Direct	June 16, 2017
Ortho-Phosphate (O-PO4)	0.01 mg P/L	Sous-traitance\Multilab Direct	June 16, 2017
Total Phosphorus (P)	<0.04 mg P/L	Sous-traitance\Bio-Services Inc.	June 19, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	June 27, 2017
Dissolved Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Potassium (K)	5.79 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Selenium (Se)	0.002 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Dissolved Selenium (Se)	0.001 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Silica (Si)	4.93 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Sodium (Na)	20.2 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Dissolved Solids	358 mg/L	M-TIT-1.0	June 14, 2017
Strontium (Sr)	0.560 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
dissolved Strontium (Sr)	0.417 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Sulfate (SO4)	94.3 mg SO4/L	Sous-traitance\Multilab Direct	June 20, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Dissolved thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Titanium (Ti)	0.04 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Dissolved titanium (Ti)	0.04 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Uranium (U)	0.007 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Dissolved Uranium (U)	0.006 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Vanadium (V)	<0.0005 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Dissolved Vanadium	<0.0005 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Zinc (Zn)	0.004 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Dissolved Zinc	0.001 mg/L	Sous-traitance\Multilab Direct	June 20, 2017

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Detection limit

Lab number: V-64305

Sample name: ST-23

Sampling date: June 11, 2017

Sampling location: Vault pit

Sampling hour: 15:00

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO ₃ /L	M-TIT-1.0	
Aluminium (Al)	0.006	mg/L	Sous-traitance	
Dissolved Aluminium (Al)	0.006	mg/L	Sous-traitance	
Antimony (Sb)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Antimony (Sb)	0.0001	mg/L	Sous-traitance	
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Arsenic (As)	0.0005	mg/L	Sous-traitance	
Kjeldahl nitrogen	0.7	mg N/L	Sous-traitance	
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Barium (Ba)	0.0005	mg/L	Sous-traitance	
Beryllium (Be)	0.0005	mg/L	Sous-traitance	
Dissolved Beryllium (Be)	0.0005	mg/L	Sous-traitance	
bicarbonate (HCO ₃)	2	mg CaCO ₃ /L	M-TIT-1.0	
Boron (B)	0.01	mg/L	Sous-traitance	Yes
Dissolved Boron (B)	0.01	mg/L	Sous-traitance	
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Dissolved Cadmium (Cd)	0.00002	mg/L	Sous-traitance	
Calcium (Ca)	0.03	mg/L	Sous-traitance	Yes
Carbonate (CO ₃)	2	mg CaCO ₃ /L	M-TIT-1.0	
Dissolved Organic Carbon (D.O.C.)	0.2	mg/L	M-COT-1.0	--
Total Organic Carbon (T.O.C.)	0.2	mg/L	M-COT-1.0	Yes
Chloride	0.5	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Dissolved Chromium (Cr)	0.0006	mg/L	Sous-traitance	
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Copper (Cu)	0.0005	mg/L	Sous-traitance	
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO ₃ /L	Sous-traitance	
Tin (Sn)	0.001	mg/L	Sous-traitance	Yes
dissolved Tin (Sn)	0.001	mg/L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes
Dissolved Iron (Fe)	0.01	mg/L	Sous-traitance	
Fluoride (F)	0.02	mg/L	Sous-traitance	Yes
Lithium (Li)	0.005	mg/L	Sous-traitance	
Dissolved Lithium (Li)	0.005	mg/L	Sous-traitance	
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Magnesium (Mg)	0.02	mg/L	Sous-traitance	Yes
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Manganese (Mn)	0.0005	mg/L	Sous-traitance	

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Detection limit

Lab number: V-64305

Sample name: ST-23

Sampling date: June 11, 2017

Sampling location: Vault pit

Sampling hour: 15:00

Parameter	Value	Unit	Method	Accreditation
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Dissolved Mercury (Hg)	0.00001	mg/L	Sous-traitance	
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	
Ammonia NH3 (non-ionized)	0.01	mg N/L	Sous-traitance	-
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Nickel (Ni)	0.0005	mg/L	Sous-traitance	
Nitrate (NO3)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO2)	0.01	mg N/L	Sous-traitance	Yes
Ortho-Phosphate (O-PO4)	0.01	mg P/L	Sous-traitance	Yes
Total Phosphorus (P)	0.04	mg P/L	Sous-traitance	
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Dissolved Lead (Pb)	0.0003	mg/L	Sous-traitance	
Potassium (K)	0.05	mg/L	Sous-traitance	
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Dissolved Selenium (Se)	0.001	mg/L	Sous-traitance	
Silica (Si)	0.01	mg/L	Sous-traitance	
Sodium (Na)	0.05	mg/L	Sous-traitance	Yes
Dissolved Solids	1	mg/L	M-TIT-1.0	
Strontium (Sr)	0.005	mg/L	Sous-traitance	
dissolved Strontium (Sr)	0.005	mg/L	Sous-traitance	
Sulfate (SO4)	0.6	mg SO4/L	Sous-traitance	Yes
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Dissolved thallium (Tl)	0.0008	mg/L	Sous-traitance	
Titanium (Ti)	0.01	mg/L	Sous-traitance	
Dissolved titanium (Ti)	0.01	mg/L	Sous-traitance	
Uranium (U)	0.001	mg/L	Sous-traitance	
Dissolved Uranium (U)	0.001	mg/L	Sous-traitance	
Vanadium (V)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Vanadium	0.0005	mg/L	Sous-traitance	
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes
Dissolved Zinc	0.001	mg/L	Sous-traitance	

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Quality control Report

Lab number: V-64305

Sample name: ST-23

Sampling location: Vault pit

Sampling date: June 11, 2017

Sampling hour: 15:00

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 146 Accuracy 99.3% Limit 123 - 167 Sample duplicate 96-96
Aluminium (Al) mg/L	Blank <0.006 Standard name C00-046-705_X_1000 Result 1.14 Accuracy 86% Limit 0.800 - 1.200
Dissolved Aluminium (Al) mg/L	Blank <0.006 Standard name C00-046-705_X_1000 Result 1.09 Accuracy 91% Limit 0.800 - 1.200
Antimony (Sb) mg/L	Blank <0.0001 Standard name C00-046-705_X_1000 Result 0.0096 Accuracy 96% Limit 0.0080 - 0.0120
Dissolved Antimony (Sb) mg/L	Blank <0.0001 Standard name C00-046-705_X_1000 Result 0.0099 Accuracy 99% Limit 0.0080 - 0.0120
Arsenic (As) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0947 Accuracy 94.7% Limit 0.0700 - 0.1300
Dissolved Arsenic (As) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1030 Accuracy 97% Limit 0.0800 - 0.1200
Barium (Ba) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0972 Accuracy 97.2% Limit 0.0800 - 0.1200

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Quality control Report

Lab number: V-64305

Sample name: ST-23

Sampling location: Vault pit

Sampling date: June 11, 2017

Sampling hour: 15:00

Parameter

Dissolved Barium (Ba) mg/L Blank <0.0005
Standard name C00-046-705_X_1000
Result 0.0981
Accuracy 98.1%
Limit 0.0800 - 0.1200

Beryllium (Be) mg/L Blank <0.0005
Standard name C00-046-705_X_1000
Result 0.1041
Accuracy 95.9%
Limit 0.0800 - 0.1200

Dissolved Beryllium (Be) mg/L Blank <0.0005
Standard name C00-046-705_X_1000
Result 0.1050
Accuracy 95%
Limit 0.0800 - 0.1200

bicarbonate (HCO₃) mg CaCO₃/L Sample duplicate 96-96
Boron (B) mg/L Blank <0.01
Standard name C00-046-705_X_1000
Result 0.95
Accuracy 95%
Limit 0.800 - 1.200

Dissolved Boron (B) mg/L Blank <0.01
Standard name C00-046-705_X_1000
Result 1.07
Accuracy 93%
Limit 0.800 - 1.200

Cadmium (Cd) mg/L Blank <0.00002
Standard name C00-046-705_X_1000
Result 0.10032
Accuracy 99.7%
Limit 0.0800 - 0.1200

Dissolved Cadmium (Cd) mg/L Blank <0.00002
Standard name C00-046-705_X_1000
Result 0.10033
Accuracy 99.7%
Limit 0.0800 - 0.1200

Calcium (Ca) mg/L Blank <0.03
Standard name C00-046-705_X_1000
Result 1.04
Accuracy 96%

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Quality control Report

Lab number: V-64305

Sample name: ST-23

Sampling location: Vault pit

Sampling date: June 11, 2017

Sampling hour: 15:00

Parameter	
	Limit 0.800 - 1.200
Carbonate (CO ₃) mg CaCO ₃ /L	Sample duplicate <2-<2
Dissolved Organic Carbon (D.O.C.)	Blank <0.2
	Standard name COD 10mg/L
	Result 10
	Accuracy 100%
	Limit 8 - 12
Total Organic Carbon (T.O.C.) mg/L	Blank <0.2
	Standard name COT 10mg/L
	Result 10
	Accuracy 100%
	Limit 8 - 12
Chloride mg/L	Blank <0.5
	Standard name DMR-0266-2017-Cl
	Result 103
	Accuracy 95.4%
	Limit 95 - 121
Chrome (Cr) mg/L	Blank <0.0006
	Standard name C00-046-705_X_1000
	Result 0.1135
	Accuracy 86.5%
	Limit 0.0800 - 0.1200
Dissolved Chromium (Cr) mg/L	Blank <0.0006
	Standard name C00-046-705_X_1000
	Result 0.0917
	Accuracy 91.7%
	Limit 0.0800 - 0.1200
Copper (Cu) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1088
	Accuracy 91.2%
	Limit 0.0800 - 0.1200
Dissolved Copper (Cu) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1012
	Accuracy 98.8%
	Limit 0.0800 - 0.1200
Total Cyanide (CNT) mg/L	Blank <0.001
	Standard name DMR-0266-CNT
	Result 0.232

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Quality control Report

Lab number: V-64305

Sample name: ST-23

Sampling location: Vault pit

Sampling date: June 11, 2017

Sampling hour: 15:00

Parameter	
	Accuracy 96.3%
	Limit 0.205 - 0.277
	Sample duplicate 0.062-0.064
Tin (Sn) mg/L	Blank <0.001
	Standard name DMR-0123-2016-Sn
	Result 0.689
	Accuracy 85.9%
	Limit 0.642 - 0.962
dissolved Tin (Sn) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.096
	Accuracy 96%
	Limit 0.0700 - 0.1300
Iron (Fe) mg/L	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.14
	Accuracy 86%
	Limit 0.800 - 1.200
Dissolved Iron (Fe) mg/L	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.08
	Accuracy 92%
	Limit 0.800 - 1.200
Fluoride (F) mg/L	Blank 0.02
Lithium (Li) mg/L	Blank <0.005
	Standard name DMR-0219-2017-Eu
	Result 0.759
	Accuracy 89.7%
	Limit 0.677 - 1.015
Dissolved Lithium (Li) mg/L	Blank <0.005
	Standard name DMR-0219-2017-Eu
	Result 0.786
	Accuracy 92.9%
	Limit 0.677 - 1.015
Total Suspended Solids mg/L	Blank <1
	Standard name STD-MES 25mg/L
	Result 24
	Accuracy 96%
	Limit 19 - 31
Magnesium (Mg) mg/L	Blank <0.02

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Quality control Report

Lab number: V-64305

Sample name: ST-23

Sampling location: Vault pit

Sampling date: June 11, 2017

Sampling hour: 15:00

Parameter	
	Standard name C00-046-705_X_1000
	Result 1.05
	Accuracy 95%
	Limit 0.800 - 1.200
Manganese (Mn) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1178
	Accuracy 82.2%
	Limit 0.0800 - 0.1200
Dissolved Manganese (Mn) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0934
	Accuracy 93.4%
	Limit 0.0800 - 0.1200
Mercury (Hg) mg/L	Blank <0.00001
	Standard name DMR-0219-2017-HgEu
	Result 0.00048
	Accuracy 68.6%
	Limit 0.00042 - 0.00098
Dissolved Mercury (Hg) mg/L	Blank <0.00001
	Standard name DMR-0219-2017-HgEu
	Result 0.00050
	Accuracy 71.4%
	Limit 0.00042 - 0.00098
Molybdenum (Mo) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0998
	Accuracy 99.8%
	Limit 0.0800 - 0.1200
Dissolved Molybdenum (Mo) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0949
	Accuracy 94.9%
	Limit 0.0800 - 0.1200
Ammonia NH3 (non-ionized) mg N/L	Blank <0.01
Nickel (Ni) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1073
	Accuracy 92.7%
	Limit 0.0800 - 0.1200

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Quality control Report

Lab number: V-64305

Sample name: ST-23

Sampling location: Vault pit

Sampling date: June 11, 2017

Sampling hour: 15:00

Parameter

Dissolved Nickel (Ni) mg/L Blank <0.0005
Standard name C00-046-705_X_1000
Result 0.0954
Accuracy 95.4%
Limit 0.0800 - 0.1200

Nitrate (NO₃) mg N/L Blank <0.01
Sample duplicate 4.31-4.32

Nitrite (NO₂) mg N/L Blank <0.01
Standard name DMR-0219-2017-NO2
Result 2.71
Accuracy 100%
Limit 2.30 - 3.12
Sample duplicate 0.11-0.11

Ortho-Phosphate (O-PO₄) mg P/ Blank <0.01
Standard name DMR-0266-2017-OPO4
Result 0.53
Accuracy 89.8%
Limit 0.52 - 0.66

Lead (Pb) mg/L Blank <0.0003
Standard name DMR-0219-2017-Eu
Result 0.9659
Accuracy 93%
Limit 0.722 - 1.084

Dissolved Lead (Pb) mg/L Blank <0.0003
Standard name C00-046-705_X_1000
Result 0.0943
Accuracy 94.3%
Limit 0.0800 - 0.1200

Potassium (K) mg/L Blank <0.05
Standard name C00-046-705_X_1000
Result 1.14
Accuracy 86%
Limit 0.800 - 1.200

Selenium (Se) mg/L Blank <0.001
Standard name C00-046-705_X_1000
Result 0.096
Accuracy 96%
Limit 0.0800 - 0.1200

Dissolved Selenium (Se) mg/L Blank <0.001
Standard name C00-046-705_X_1000

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Quality control Report

Lab number: V-64305

Sample name: ST-23

Sampling location: Vault pit

Sampling date: June 11, 2017

Sampling hour: 15:00

Parameter	
	Result 0.104
	Accuracy 96%
	Limit 0.0800 - 0.1200
Silica (Si) mg/L	Blank <0.01
Sodium (Na) mg/L	Blank <0.05
	Standard name C00-046-705_X_1000
	Result 1.20
	Accuracy 80%
	Limit 0.800 - 1.200
Dissolved Solids mg/L	Sample duplicate 358-356
Strontium (Sr) mg/L	Blank <0.005
	Standard name DMR-0219-2017-Eu
	Result 1.33
	Accuracy 91.9%
	Limit 0.98 - 1.48
dissolved Strontium (Sr) mg/L	Blank <0.005
	Standard name DMR-0219-2017-Eu
	Result 1.34
	Accuracy 91.1%
	Limit 0.98 - 1.48
Sulfate (SO4) mg SO4/L	Blank <0.6
	Standard name DMR-0266-2017-SO4
	Result 114
	Accuracy 92.7%
	Limit 114 - 132
Thallium (Tl) mg/L	Blank <0.0008
	Standard name Tl-S140909023-1000ppm
	Result 1031
	Accuracy 96.9%
	Limit 800 - 1200
Dissolved thallium (Tl) mg/L	Blank <0.0008
	Standard name Tl-S140909023-1000ppm
	Result 1034
	Accuracy 96.6%
	Limit 800 - 1200
Titanium (Ti) mg/L	Blank <0.01
Dissolved titanium (Ti) mg/L	Blank <0.01
Uranium (U) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.106

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Quality control Report

Lab number: V-64305

Sample name: ST-23

Sampling location: Vault pit

Sampling date: June 11, 2017

Sampling hour: 15:00

Parameter

Dissolved Uranium (U) mg/L
Accuracy 94%
Limit 0.0800 - 0.1200
Blank <0.001
Standard name C00-046-705_X_1000
Result 0.105

Vanadium (V) mg/L
Accuracy 95%
Limit 0.0800 - 0.1200
Blank <0.0005
Standard name C00-046-705_X_1000
Result 0.1184

Dissolved Vanadium mg/L
Accuracy 81.6%
Limit 0.0800 - 0.1200
Blank <0.0005
Standard name C00-046-705_X_1000
Result 0.0954

Zinc (Zn) mg/L
Accuracy 95.4%
Limit 0.0800 - 0.1200
Blank <0.001
Standard name C00-046-705_X_1000
Result 0.107

Dissolved Zinc mg/L
Accuracy 93%
Limit 0.0800 - 0.1200
Blank <0.001
Standard name C00-046-705_X_1000
Result 0.102

Accuracy 98%
Limit 0.0800 - 0.1200

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Additional information

Lab number: V-64305
Sample name: ST-23
Sampling location: Vault pit

Sampling date: June 11, 2017
Sampling hour: 15:00

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-CL-2.0	MA.300-Ions 1.3
M-CN-1.0	MA.300-CN 1.2
M-CI-1.0	MA.300-Anions 1.0
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-P-2.0	MA.303-P 1.1
M-SULF-2.0	MA.300-Ions 1.3

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-64306

Sampling location: Vault pit

Sampling date: June 11, 2017

Sample name: ST-23 DUP

Sampling hour: 15:00

Sampled by: Tom T

Date received: June 13, 2017

Matrix: Waste Water

Reported on: July 04, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

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Analytical Report

Lab number: V-64306

Sample name: ST-23 DUP

Sampling location: Vault pit

Sampling date: June 11, 2017

Sampling hour: 15:00

Parameter	Result	Method name	Analysis date
Alkalinity	96 mg CaCO ₃ /L	M-TIT-1.0	June 14, 2017
Aluminium (Al)	0.532 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Dissolved Aluminium (Al)	0.037 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Antimony (Sb)	0.004 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Dissolved Antimony (Sb)	0.0041 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Arsenic (As)	0.0044 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Dissolved Arsenic (As)	0.0055 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	3.5 mg N/L	Sous-traitance\Bio-Services Inc.	June 20, 2017
Kjeldahl nitrogen	3.6 mg N/L	Sous-traitance\Bio-Services Inc.	June 22, 2017
Barium (Ba)	0.0218 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Dissolved Barium (Ba)	0.0186 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Dissolved Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
bicarbonate (HCO ₃)	96 mg CaCO ₃ /L	M-TIT-1.0	June 14, 2017
Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Dissolved Boron (B)	0.01 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Cadmium (Cd)	0.00005 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Dissolved Cadmium (Cd)	0.00005 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Calcium (Ca)	57 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Carbonate (CO ₃)	<2 mg CaCO ₃ /L	M-TIT-1.0	June 14, 2017
Dissolved Organic Carbon (D.O.C.)	5.4 mg/L	M-COT-1.0	June 14, 2017
Total Organic Carbon (T.O.C.)	5.4 mg/L	M-COT-1.0	June 14, 2017
Chloride	31.7 mg/L	Sous-traitance\Multilab Direct	June 19, 2017
Chrome (Cr)	0.0029 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Dissolved Chromium (Cr)	0.0018 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Copper (Cu)	<0.0005 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Dissolved Copper (Cu)	<0.0005 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Total Cyanide (CNT)	0.068 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Hardness	204 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	June 20, 2017
Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
dissolved Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Iron (Fe)	1.11 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Iron (Fe)	1.11 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Dissolved Iron (Fe)	0.01 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Fluoride (F)	0.19 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Dissolved Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Total Suspended Solids	23 mg/L	M-SOLI-1.0	June 15, 2017
Magnesium (Mg)	15.1 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Manganese (Mn)	0.2068 mg/L	Sous-traitance\Multilab Direct	June 20, 2017

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Analytical Report

Lab number: V-64306

Sample name: ST-23 DUP

Sampling location: Vault pit

Sampling date: June 11, 2017

Sampling hour: 15:00

Parameter	Result	Method name	Analysis date
Dissolved Manganese (Mn)	0.1459 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Mercury (Hg)	0.00004 mg/L	Sous-traitance\Multilab Direct	June 16, 2017
Dissolved Mercury (Hg)	0.00003 mg/L	Sous-traitance\Multilab Direct	June 16, 2017
Molybdenum (Mo)	0.0345 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Dissolved Molybdenum (Mo)	0.0309 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Ammonia NH3 (non-ionized)	0.08 mg N/L	Sous-traitance\Multilab Direct	June 20, 2017
Nickel (Ni)	0.0085 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Dissolved Nickel (Ni)	0.0055 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Nitrate (NO3)	4.37 mg N/L	Sous-traitance\Multilab Direct	June 16, 2017
Nitrite (NO2)	0.11 mg N/L	Sous-traitance\Multilab Direct	June 16, 2017
Ortho-Phosphate (O-PO4)	0.01 mg P/L	Sous-traitance\Multilab Direct	June 16, 2017
Total Phosphorus (P)	<0.04 mg P/L	Sous-traitance\Bio-Services Inc.	June 19, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	June 27, 2017
Dissolved Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Potassium (K)	4.76 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Selenium (Se)	0.001 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Dissolved Selenium (Se)	0.001 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Silica (Si)	4.31 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Sodium (Na)	16.1 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Dissolved Solids	356 mg/L	M-TIT-1.0	June 14, 2017
Strontium (Sr)	0.553 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
dissolved Strontium (Sr)	0.482 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Sulfate (SO4)	92.2 mg SO4/L	Sous-traitance\Multilab Direct	June 20, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Dissolved thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Titanium (Ti)	0.03 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Dissolved titanium (Ti)	0.04 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Uranium (U)	0.006 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Dissolved Uranium (U)	0.005 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Vanadium (V)	0.0024 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Dissolved Vanadium	<0.0005 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Zinc (Zn)	0.003 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Dissolved Zinc	<0.001 mg/L	Sous-traitance\Multilab Direct	June 20, 2017

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Detection limit

Lab number: V-64306

Sample name: ST-23 DUP

Sampling date: June 11, 2017

Sampling location: Vault pit

Sampling hour: 15:00

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO ₃ /L	M-TIT-1.0	
Aluminium (Al)	0.006	mg/L	Sous-traitance	
Dissolved Aluminium (Al)	0.006	mg/L	Sous-traitance	
Antimony (Sb)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Antimony (Sb)	0.0001	mg/L	Sous-traitance	
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Arsenic (As)	0.0005	mg/L	Sous-traitance	
Kjeldahl nitrogen	0.7	mg N/L	Sous-traitance	
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Barium (Ba)	0.0005	mg/L	Sous-traitance	
Beryllium (Be)	0.0005	mg/L	Sous-traitance	
Dissolved Beryllium (Be)	0.0005	mg/L	Sous-traitance	
bicarbonate (HCO ₃)	2	mg CaCO ₃ /L	M-TIT-1.0	
Boron (B)	0.01	mg/L	Sous-traitance	Yes
Dissolved Boron (B)	0.01	mg/L	Sous-traitance	
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Dissolved Cadmium (Cd)	0.00002	mg/L	Sous-traitance	
Calcium (Ca)	0.03	mg/L	Sous-traitance	Yes
Carbonate (CO ₃)	2	mg CaCO ₃ /L	M-TIT-1.0	
Dissolved Organic Carbon (D.O.C.)	0.2	mg/L	M-COT-1.0	--
Total Organic Carbon (T.O.C.)	0.2	mg/L	M-COT-1.0	Yes
Chloride	0.5	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Dissolved Chromium (Cr)	0.0006	mg/L	Sous-traitance	
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Copper (Cu)	0.0005	mg/L	Sous-traitance	
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO ₃ /L	Sous-traitance	
Tin (Sn)	0.001	mg/L	Sous-traitance	Yes
dissolved Tin (Sn)	0.001	mg/L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes
Dissolved Iron (Fe)	0.01	mg/L	Sous-traitance	
Fluoride (F)	0.02	mg/L	Sous-traitance	Yes
Lithium (Li)	0.005	mg/L	Sous-traitance	
Dissolved Lithium (Li)	0.005	mg/L	Sous-traitance	
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Magnesium (Mg)	0.02	mg/L	Sous-traitance	Yes
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Manganese (Mn)	0.0005	mg/L	Sous-traitance	

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Detection limit

Lab number: V-64306

Sample name: ST-23 DUP

Sampling date: June 11, 2017

Sampling location: Vault pit

Sampling hour: 15:00

Parameter	Value	Unit	Method	Accreditation
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Dissolved Mercury (Hg)	0.00001	mg/L	Sous-traitance	
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	
Ammonia NH3 (non-ionized)	0.01	mg N/L	Sous-traitance	-
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Nickel (Ni)	0.0005	mg/L	Sous-traitance	
Nitrate (NO3)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO2)	0.01	mg N/L	Sous-traitance	Yes
Ortho-Phosphate (O-PO4)	0.01	mg P/L	Sous-traitance	Yes
Total Phosphorus (P)	0.04	mg P/L	Sous-traitance	
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Dissolved Lead (Pb)	0.0003	mg/L	Sous-traitance	
Potassium (K)	0.05	mg/L	Sous-traitance	
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Dissolved Selenium (Se)	0.001	mg/L	Sous-traitance	
Silica (Si)	0.01	mg/L	Sous-traitance	
Sodium (Na)	0.05	mg/L	Sous-traitance	Yes
Dissolved Solids	1	mg/L	M-TIT-1.0	
Strontium (Sr)	0.005	mg/L	Sous-traitance	
dissolved Strontium (Sr)	0.005	mg/L	Sous-traitance	
Sulfate (SO4)	0.6	mg SO4/L	Sous-traitance	Yes
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Dissolved thallium (Tl)	0.0008	mg/L	Sous-traitance	
Titanium (Ti)	0.01	mg/L	Sous-traitance	
Dissolved titanium (Ti)	0.01	mg/L	Sous-traitance	
Uranium (U)	0.001	mg/L	Sous-traitance	
Dissolved Uranium (U)	0.001	mg/L	Sous-traitance	
Vanadium (V)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Vanadium	0.0005	mg/L	Sous-traitance	
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes
Dissolved Zinc	0.001	mg/L	Sous-traitance	

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Quality control Report

Lab number: V-64306

Sample name: ST-23 DUP

Sampling location: Vault pit

Sampling date: June 11, 2017

Sampling hour: 15:00

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 146 Accuracy 99.3% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006
	Standard name C00-046-705_X_1000 Result 1.14 Accuracy 86% Limit 0.800 - 1.200
Dissolved Aluminium (Al) mg/L	Blank <0.006
	Standard name C00-046-705_X_1000 Result 1.09 Accuracy 91% Limit 0.800 - 1.200
Antimony (Sb) mg/L	Blank <0.0001
	Standard name C00-046-705_X_1000 Result 0.0096 Accuracy 96% Limit 0.0080 - 0.0120
Dissolved Antimony (Sb) mg/L	Blank <0.0001
	Standard name C00-046-705_X_1000 Result 0.0099 Accuracy 99% Limit 0.0080 - 0.0120
Arsenic (As) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000 Result 0.0947 Accuracy 94.7% Limit 0.0700 - 0.1300
Dissolved Arsenic (As) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000 Result 0.1030 Accuracy 97% Limit 0.0800 - 0.1200
Barium (Ba) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000 Result 0.0972 Accuracy 97.2% Limit 0.0800 - 0.1200
Dissolved Barium (Ba) mg/L	Blank <0.0005

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Quality control Report

Lab number: V-64306

Sample name: ST-23 DUP

Sampling location: Vault pit

Sampling date: June 11, 2017

Sampling hour: 15:00

Parameter	
	Standard name C00-046-705_X_1000
	Result 0.0981
	Accuracy 98.1%
	Limit 0.0800 - 0.1200
Beryllium (Be) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1041
	Accuracy 95.9%
	Limit 0.0800 - 0.1200
Dissolved Beryllium (Be) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1050
	Accuracy 95%
	Limit 0.0800 - 0.1200
Boron (B) mg/L	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 0.95
	Accuracy 95%
	Limit 0.800 - 1.200
Dissolved Boron (B) mg/L	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.07
	Accuracy 93%
	Limit 0.800 - 1.200
Cadmium (Cd) mg/L	Blank <0.00002
	Standard name C00-046-705_X_1000
	Result 0.10032
	Accuracy 99.7%
	Limit 0.0800 - 0.1200
Dissolved Cadmium (Cd) mg/L	Blank <0.00002
	Standard name C00-046-705_X_1000
	Result 0.10033
	Accuracy 99.7%
	Limit 0.0800 - 0.1200
Calcium (Ca) mg/L	Blank <0.03
	Standard name C00-046-705_X_1000
	Result 1.04
	Accuracy 96%
	Limit 0.800 - 1.200
Dissolved Organic Carbon (D.O.C.) mg/L	Blank <0.2

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Quality control Report

Lab number: V-64306

Sample name: ST-23 DUP

Sampling date: June 11, 2017

Sampling location: Vault pit

Sampling hour: 15:00

Parameter	
	Standard name COD 10mg/L
	Result 10
	Accuracy 100%
	Limit 8 - 12
Total Organic Carbon (T.O.C.) mg/L	Blank <0.2
	Standard name COT 10mg/L
	Result 10
	Accuracy 100%
	Limit 8 - 12
Chloride mg/L	Blank <0.5
	Standard name DMR-0266-2017-CI
	Result 103
	Accuracy 95.4%
	Limit 95 - 121
Chrome (Cr) mg/L	Blank <0.0006
	Standard name C00-046-705_X_1000
	Result 0.1135
	Accuracy 86.5%
	Limit 0.0800 - 0.1200
Dissolved Chromium (Cr) mg/L	Blank <0.0006
	Standard name C00-046-705_X_1000
	Result 0.0917
	Accuracy 91.7%
	Limit 0.0800 - 0.1200
Copper (Cu) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1088
	Accuracy 91.2%
	Limit 0.0800 - 0.1200
Dissolved Copper (Cu) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1012
	Accuracy 98.8%
	Limit 0.0800 - 0.1200
Total Cyanide (CNT) mg/L	Blank <0.001
	Standard name DMR-0266-CNT
	Result 0.232
	Accuracy 96.3%
	Limit 0.205 - 0.277
Tin (Sn) mg/L	Blank <0.001

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Quality control Report

Lab number: V-64306

Sample name: ST-23 DUP

Sampling location: Vault pit

Sampling date: June 11, 2017

Sampling hour: 15:00

Parameter	
	Standard name C00-046-705_X_1000
	Result 0.099
	Accuracy 99%
	Limit 0.0800 - 0.1200
dissolved Tin (Sn) mg/L	Blank <0.001
	Standard name DMR-0123-2016-Sn
	Result 0.678
	Accuracy 84.5%
	Limit 0.561 - 1.043
Iron (Fe) mg/L	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.14
	Accuracy 86%
	Limit 0.800 - 1.200
Dissolved Iron (Fe) mg/L	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.08
	Accuracy 92%
	Limit 0.800 - 1.200
Fluoride (F) mg/L	Blank 0.02
Lithium (Li) mg/L	Blank <0.005
	Standard name DMR-0219-2017-Eu
	Result 0.759
	Accuracy 89.7%
	Limit 0.677 - 1.015
Dissolved Lithium (Li) mg/L	Blank <0.005
	Standard name DMR-0219-2017-Eu
	Result 0.786
	Accuracy 92.9%
	Limit 0.677 - 1.015
Total Suspended Solids mg/L	Blank <1
	Standard name STD-MES 25mg/L
	Result 24
	Accuracy 96%
	Limit 19 - 31
Magnesium (Mg) mg/L	Blank <0.02
	Standard name C00-046-705_X_1000
	Result 1.05
	Accuracy 95%
	Limit 0.800 - 1.200

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Quality control Report

Lab number: V-64306

Sample name: ST-23 DUP

Sampling location: Vault pit

Sampling date: June 11, 2017

Sampling hour: 15:00

Parameter	
Manganese (Mn) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1178 Accuracy 82.2% Limit 0.0800 - 0.1200
Dissolved Manganese (Mn) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0934 Accuracy 93.4% Limit 0.0800 - 0.1200
Mercury (Hg) mg/L	Blank <0.00001 Standard name DMR-0219-2017-HgEu Result 0.00048 Accuracy 68.6% Limit 0.00042 - 0.00098
Dissolved Mercury (Hg) mg/L	Blank <0.00001 Standard name DMR-0219-2017-HgEu Result 0.00050 Accuracy 71.4% Limit 0.00042 - 0.00098
Molybdenum (Mo) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0998 Accuracy 99.8% Limit 0.0800 - 0.1200
Dissolved Molybdenum (Mo) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0949 Accuracy 94.9% Limit 0.0800 - 0.1200
Ammonia NH3 (non-ionized) mg N/L	Blank <0.01
Nickel (Ni) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1073 Accuracy 92.7% Limit 0.0800 - 0.1200
Dissolved Nickel (Ni) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0954 Accuracy 95.4%

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Quality control Report

Lab number: V-64306

Sample name: ST-23 DUP

Sampling location: Vault pit

Sampling date: June 11, 2017

Sampling hour: 15:00

Parameter	
	Limit 0.0800 - 0.1200
Nitrate (NO3) mg N/L	Blank <0.01
Nitrite (NO2) mg N/L	Blank <0.01
	Standard name DMR-0219-2017-NO2
	Result 2.71
	Accuracy 100%
	Limit 2.30 - 3.12
Ortho-Phosphate (O-PO4) mg P/	Blank <0.01
	Standard name DMR-0266-2017-OPO4
	Result 0.53
	Accuracy 89.8%
	Limit 0.52 - 0.66
Lead (Pb) mg/L	Blank <0.0003
	Standard name DMR-0219-2017-Eu
	Result 0.9659
	Accuracy 93%
	Limit 0.722 - 1.084
Dissolved Lead (Pb) mg/L	Blank <0.0003
	Standard name C00-046-705_X_1000
	Result 0.0943
	Accuracy 94.3%
	Limit 0.0800 - 0.1200
Potassium (K) mg/L	Blank <0.05
	Standard name C00-046-705_X_1000
	Result 1.14
	Accuracy 86%
	Limit 0.800 - 1.200
Selenium (Se) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.096
	Accuracy 96%
	Limit 0.0800 - 0.1200
Dissolved Selenium (Se) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.104
	Accuracy 96%
	Limit 0.0800 - 0.1200
Silica (Si) mg/L	Blank <0.01
Sodium (Na) mg/L	Blank <0.05
	Standard name C00-046-705_X_1000

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Quality control Report

Lab number: V-64306

Sample name: ST-23 DUP

Sampling location: Vault pit

Sampling date: June 11, 2017

Sampling hour: 15:00

Parameter		
Strontium (Sr) mg/L	Result 1.20	
	Accuracy 80%	
	Limit 0.800 - 1.200	
	Blank <0.005	
	Standard name DMR-0219-2017-Eu	
dissolved Strontium (Sr) mg/L	Result 1.33	
	Accuracy 91.9%	
	Limit 0.98 - 1.48	
	Blank <0.005	
	Standard name DMR-0219-2017-Eu	
Sulfate (SO4) mg SO4/L	Result 1.34	
	Accuracy 91.1%	
	Limit 0.98 - 1.48	
	Blank <0.6	
	Standard name DMR-0266-2017-SO4	
Thallium (Tl) mg/L	Result 114	
	Accuracy 92.7%	
	Limit 114 - 132	
	Blank <0.0008	
	Standard name TI-S140909023-1000ppm	
Dissolved thallium (Tl) mg/L	Result 1031	
	Accuracy 96.9%	
	Limit 800 - 1200	
	Blank <0.0008	
	Standard name TI-S140909023-1000ppm	
Titanium (Ti) mg/L	Result 1034	
	Accuracy 96.6%	
	Limit 800 - 1200	
	Blank <0.01	
	Dissolved titanium (Ti) mg/L	Blank <0.01
Uranium (U) mg/L		Blank <0.001
		Standard name C00-046-705_X_1000
		Result 0.106
		Accuracy 94%
	Limit 0.0800 - 0.1200	
Dissolved Uranium (U) mg/L	Blank <0.001	
	Standard name C00-046-705_X_1000	
	Result 0.105	
	Accuracy 95%	
	Limit 0.0800 - 0.1200	

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Quality control Report

Lab number: V-64306

Sample name: ST-23 DUP

Sampling location: Vault pit

Sampling date: June 11, 2017

Sampling hour: 15:00

Parameter	
Vanadium (V) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1184 Accuracy 81.6% Limit 0.0800 - 0.1200
Dissolved Vanadium mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0954 Accuracy 95.4% Limit 0.0800 - 0.1200
Zinc (Zn) mg/L	Blank <0.001 Standard name C00-046-705_X_1000 Result 0.107 Accuracy 93% Limit 0.0800 - 0.1200
Dissolved Zinc mg/L	Blank <0.001 Standard name C00-046-705_X_1000 Result 0.102 Accuracy 98% Limit 0.0800 - 0.1200

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Additional information

Lab number: V-64306
Sample name: ST-23 DUP
Sampling location: Vault pit

Sampling date: June 11, 2017
Sampling hour: 15:00

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-CL-2.0	MA.300-Ions 1.3
M-CN-1.0	MA.300-CN 1.2
M-CI-1.0	MA.300-Anions 1.0
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-P-2.0	MA.303-P 1.1
M-SULF-2.0	MA.300-Ions 1.3

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-64307

Sampling location: ST-24

Sampling date: June 11, 2017

Sample name: ST-24

Sampling hour: 15:30

Sampled by: JK

Date received: June 13, 2017

Matrix: Water

Drinking water distribution:

Reported on: June 28, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Lab number: V-64307

Sample name: ST-24

Sampling location: ST-24

Sampling date: June 11, 2017

Sampling hour: 15:30

Parameter	Result	Method name	Analysis date
Alkalinity	32 mg CaCO3/L	M-TIT-1.0	June 14, 2017
Aluminium (Al)	2.01 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Ammonia nitrogen (NH3-NH4)	0.29 mg N/L	Sous-traitance\Bio-Services Inc.	June 16, 2017
Barium (Ba)	0.0253 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Cadmium (Cd)	0.00008 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Chloride	1.5 mg/L	Sous-traitance\Multilab Direct	June 19, 2017
Chrome (Cr)	0.0062 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Copper (Cu)	0.0072 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Total Cyanide (CNT)	<0.001 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Hardness	86 mg CaCO3/L	Sous-traitance\Multilab Direct	June 20, 2017
Iron (Fe)	2.92 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Fluoride (F)	0.08 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Total Suspended Solids	38 mg/L	M-SOLI-1.0	June 15, 2017
Manganese (Mn)	0.1912 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	June 16, 2017
Molybdenum (Mo)	0.0072 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Ammonia NH3 (non-ionized)	<0.01 mg N/L	Sous-traitance\Bio-Services Inc.	June 21, 2017
Nickel (Ni)	0.0125 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Nitrate (NO3)	2.41 mg N/L	Sous-traitance\Multilab Direct	June 16, 2017
Nitrite (NO2)	0.02 mg N/L	Sous-traitance\Multilab Direct	June 16, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	June 27, 2017
Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Dissolved Solids	118 mg/L	M-TIT-1.0	June 14, 2017
Sulfate (SO4)	43.6 mg SO4/L	Sous-traitance\Multilab Direct	June 20, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Zinc (Zn)	0.013 mg/L	Sous-traitance\Multilab Direct	June 20, 2017

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Detection limit

Lab number: V-64307

Sample name: ST-24

Sampling location: ST-24

Sampling date: June 11, 2017

Sampling hour: 15:30

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO ₃ /L	M-TIT-1.0	
Aluminium (Al)	0.006	mg/L	Sous-traitance	
Silver (Ag)	0.0001	mg/L	Sous-traitance	Yes
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Chloride	0.5	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO ₃ /L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes
Fluoride (F)	0.02	mg/L	Sous-traitance	Yes
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Nitrate (NO ₃)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO ₂)	0.01	mg N/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Dissolved Solids	1	mg/L	M-TIT-1.0	
Sulfate (SO ₄)	0.6	mg SO ₄ /L	Sous-traitance	Yes
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes

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Quality control Report

Lab number: V-64307

Sample name: ST-24

Sampling location: ST-24

Sampling date: June 11, 2017

Sampling hour: 15:30

Parameter	
Alkalinity mg CaCO3/L	Standard name STD alcalinité Result 146 Accuracy 99.3% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006 Standard name C00-046-705_X_1000 Result 1.14 Accuracy 86% Limit 0.800 - 1.200
Silver (Ag) mg/L	Blank <0.0001 Standard name DMR-0013-2017-Ag Result 0.0392 Accuracy 92.5% Limit 0.0339 - 0.0509
Arsenic (As) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0947 Accuracy 94.7% Limit 0.0700 - 0.1300
Barium (Ba) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0972 Accuracy 97.2% Limit 0.0800 - 0.1200
Cadmium (Cd) mg/L	Blank <0.00002 Standard name C00-046-705_X_1000 Result 0.10032 Accuracy 99.7% Limit 0.0800 - 0.1200
Chloride mg/L	Blank <0.5 Standard name DMR-0266-2017-Cl Result 103 Accuracy 95.4% Limit 95 - 121
Chrome (Cr) mg/L	Blank <0.0006 Standard name C00-046-705_X_1000 Result 0.1135 Accuracy 86.5% Limit 0.0800 - 0.1200
Copper (Cu) mg/L	Blank <0.0005

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Quality control Report

Lab number: V-64307

Sample name: ST-24

Sampling location: ST-24

Sampling date: June 11, 2017

Sampling hour: 15:30

Parameter	
	Standard name C00-046-705_X_1000
	Result 0.1088
	Accuracy 91.2%
	Limit 0.0800 - 0.1200
Total Cyanide (CNT) mg/L	Blank <0.001
	Standard name DMR-0266-CNT
	Result 0.232
	Accuracy 96.3%
	Limit 0.205 - 0.277
Iron (Fe) mg/L	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.14
	Accuracy 86%
	Limit 0.800 - 1.200
Fluoride (F) mg/L	Blank 0.02
Total Suspended Solids mg/L	Blank <1
	Standard name STD-MES 25mg/L
	Result 24
	Accuracy 96%
	Limit 19 - 31
Manganese (Mn) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1178
	Accuracy 82.2%
	Limit 0.0800 - 0.1200
Mercury (Hg) mg/L	Blank <0.00001
	Standard name DMR-0219-2017-HgEu
	Result 0.00048
	Accuracy 68.6%
	Limit 0.00042 - 0.00098
Molybdenum (Mo) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0998
	Accuracy 99.8%
	Limit 0.0800 - 0.1200
Nickel (Ni) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1073
	Accuracy 92.7%
	Limit 0.0800 - 0.1200

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Quality control Report

Lab number: V-64307

Sample name: ST-24

Sampling location: ST-24

Sampling date: June 11, 2017

Sampling hour: 15:30

Parameter	
Nitrate (NO3) mg N/L	Blank <0.01
Nitrite (NO2) mg N/L	Blank <0.01
	Standard name DMR-0219-2017-NO2
	Result 2.71
	Accuracy 100%
	Limit 2.30 - 3.12
Lead (Pb) mg/L	Blank <0.0003
	Standard name DMR-0219-2017-Eu
	Result 0.9659
	Accuracy 93%
	Limit 0.722 - 1.084
Selenium (Se) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.096
	Accuracy 96%
	Limit 0.0800 - 0.1200
Sulfate (SO4) mg SO4/L	Blank <0.6
	Standard name DMR-0266-2017-SO4
	Result 114
	Accuracy 92.7%
	Limit 114 - 132
Thallium (Tl) mg/L	Blank <0.0008
	Standard name Tl-S140909023-1000ppm
	Result 1031
	Accuracy 96.9%
	Limit 800 - 1200
Zinc (Zn) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.107
	Accuracy 93%
	Limit 0.0800 - 0.1200

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Additional information

Lab number: V-64307
Sample name: ST-24
Sampling location: ST-24

Sampling date: June 11, 2017
Sampling hour: 15:30

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-CL-2.0	MA.300-Ions 1.3
M-CN-1.0	MA.300-CN 1.2
M-CI-1.0	MA.300-Anions 1.0
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-SULF-2.0	MA.300-Ions 1.3

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-64308

Sampling location: ST-24

Sampling date: June 11, 2017

Sample name: ST-24 DUP

Sampling hour: 15:30

Sampled by: JK

Date received: June 13, 2017

Matrix: Water

Reported on: June 29, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Lab number: V-64308

Sample name: ST-24 DUP

Sampling location: ST-24

Sampling date: June 11, 2017

Sampling hour: 15:30

Parameter	Result	Method name	Analysis date
Alkalinity	32 mg CaCO ₃ /L	M-TIT-1.0	June 14, 2017
Aluminium (Al)	1.95 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	0.31 mg N/L	Sous-traitance\Bio-Services Inc.	June 16, 2017
Barium (Ba)	0.0231 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Cadmium (Cd)	0.00007 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Chloride	2 mg/L	Sous-traitance\Multilab Direct	June 19, 2017
Chrome (Cr)	0.0048 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Copper (Cu)	0.0064 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Total Cyanide (CNT)	<0.001 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Hardness	76 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	June 20, 2017
Iron (Fe)	2.92 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Fluoride (F)	0.09 mg/L	Sous-traitance\Multilab Direct	June 23, 2017
Total Suspended Solids	42 mg/L	M-SOLI-1.0	June 15, 2017
Manganese (Mn)	0.1686 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	June 16, 2017
Molybdenum (Mo)	0.0062 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Ammonia NH ₃ (non-ionized)	<0.01 mg N/L	Sous-traitance\Bio-Services Inc.	June 21, 2017
Nickel (Ni)	0.0116 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Nitrate (NO ₃)	2.56 mg N/L	Sous-traitance\Multilab Direct	June 16, 2017
Nitrite (NO ₂)	0.02 mg N/L	Sous-traitance\Multilab Direct	June 16, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	June 27, 2017
Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Dissolved Solids	119 mg/L	M-TIT-1.0	June 14, 2017
Sulfate (SO ₄)	42.6 mg SO ₄ /L	Sous-traitance\Multilab Direct	June 20, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Zinc (Zn)	0.014 mg/L	Sous-traitance\Multilab Direct	June 20, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Detection limit

Lab number: V-64308

Sample name: ST-24 DUP

Sampling date: June 11, 2017

Sampling location: ST-24

Sampling hour: 15:30

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO ₃ /L	M-TIT-1.0	
Aluminium (Al)	0.006	mg/L	Sous-traitance	
Silver (Ag)	0.0001	mg/L	Sous-traitance	Yes
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Chloride	0.5	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO ₃ /L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes
Fluoride (F)	0.02	mg/L	Sous-traitance	Yes
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Nitrate (NO ₃)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO ₂)	0.01	mg N/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Dissolved Solids	1	mg/L	M-TIT-1.0	
Sulfate (SO ₄)	0.6	mg SO ₄ /L	Sous-traitance	Yes
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Quality control Report

Lab number: V-64308

Sample name: ST-24 DUP

Sampling location: ST-24

Sampling date: June 11, 2017

Sampling hour: 15:30

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 146 Accuracy 99.3% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006 Standard name C00-046-705_X_1000 Result 1.14 Accuracy 86% Limit 0.800 - 1.200
Silver (Ag) mg/L	Blank <0.0001 Standard name DMR-0013-2017-Ag Result 0.0392 Accuracy 92.5% Limit 0.0339 - 0.0509
Arsenic (As) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0947 Accuracy 94.7% Limit 0.0700 - 0.1300
Barium (Ba) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0972 Accuracy 97.2% Limit 0.0800 - 0.1200
Cadmium (Cd) mg/L	Blank <0.00002 Standard name C00-046-705_X_1000 Result 0.10032 Accuracy 99.7% Limit 0.0800 - 0.1200
Chloride mg/L	Blank <0.5 Standard name DMR-0266-2017-Cl Result 103 Accuracy 95.4% Limit 95 - 121
Chrome (Cr) mg/L	Blank <0.0006 Standard name C00-046-705_X_1000 Result 0.1135 Accuracy 86.5% Limit 0.0800 - 0.1200
Copper (Cu) mg/L	Blank <0.0005

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Quality control Report

Lab number: V-64308

Sample name: ST-24 DUP

Sampling location: ST-24

Sampling date: June 11, 2017

Sampling hour: 15:30

Parameter	
	Standard name C00-046-705_X_1000
	Result 0.1088
	Accuracy 91.2%
	Limit 0.0800 - 0.1200
Total Cyanide (CNT) mg/L	Blank <0.001
	Standard name DMR-0266-CNT
	Result 0.232
	Accuracy 96.3%
	Limit 0.205 - 0.277
Iron (Fe) mg/L	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.14
	Accuracy 86%
	Limit 0.800 - 1.200
Fluoride (F) mg/L	Blank <0.02
	Standard name DMR-0266-2017-F
	Result 2.44
	Accuracy 93.9%
	Limit 2.13 - 2.47
Total Suspended Solids mg/L	Blank <1
	Standard name STD-MES 25mg/L
	Result 24
	Accuracy 96%
	Limit 19 - 31
Manganese (Mn) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1178
	Accuracy 82.2%
	Limit 0.0800 - 0.1200
Mercury (Hg) mg/L	Blank <0.00001
	Standard name DMR-0219-2017-HgEu
	Result 0.00048
	Accuracy 68.6%
	Limit 0.00042 - 0.00098
Molybdenum (Mo) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0998
	Accuracy 99.8%
	Limit 0.0800 - 0.1200
Nickel (Ni) mg/L	Blank <0.0005

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Quality control Report

Lab number: V-64308

Sample name: ST-24 DUP

Sampling location: ST-24

Sampling date: June 11, 2017

Sampling hour: 15:30

Parameter	
	Standard name C00-046-705_X_1000
	Result 0.1073
	Accuracy 92.7%
	Limit 0.0800 - 0.1200
Nitrate (NO3) mg N/L	Blank <0.01
Nitrite (NO2) mg N/L	Blank <0.01
	Standard name DMR-0219-2017-NO2
	Result 2.71
	Accuracy 100%
	Limit 2.30 - 3.12
Lead (Pb) mg/L	Blank <0.0003
	Standard name DMR-0219-2017-Eu
	Result 0.9659
	Accuracy 93%
	Limit 0.722 - 1.084
Selenium (Se) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.096
	Accuracy 96%
	Limit 0.0800 - 0.1200
Sulfate (SO4) mg SO4/L	Blank <0.6
	Standard name DMR-0266-2017-SO4
	Result 114
	Accuracy 92.7%
	Limit 114 - 132
Thallium (Tl) mg/L	Blank <0.0008
	Standard name Tl-S140909023-1000ppm
	Result 1031
	Accuracy 96.9%
	Limit 800 - 1200
Zinc (Zn) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.107
	Accuracy 93%
	Limit 0.0800 - 0.1200

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Additional information

Lab number: V-64308
Sample name: ST-24 DUP
Sampling location: ST-24

Sampling date: June 11, 2017
Sampling hour: 15:30

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-CL-2.0	MA.300-Ions 1.3
M-CN-1.0	MA.300-CN 1.2
M-CI-1.0	MA.300-Anions 1.0
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-SULF-2.0	MA.300-Ions 1.3

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-64309

Sampling location: ST-24

Sampling date: June 11, 2017

Sample name: ST-24 FB

Sampling hour: 15:30

Sampled by: JK

Date received: June 13, 2017

Matrix: Water

Reported on: June 29, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Lab number: V-64309

Sample name: ST-24 FB

Sampling location: ST-24

Sampling date: June 11, 2017

Sampling hour: 15:30

Parameter	Result	Method name	Analysis date
Alkalinity	6 mg CaCO ₃ /L	M-TIT-1.0	June 14, 2017
Aluminium (Al)	0.018 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	0.1 mg N/L	Sous-traitance\Bio-Services Inc.	June 16, 2017
Barium (Ba)	<0.0005 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Chloride	<0.5 mg/L	Sous-traitance\Multilab Direct	June 19, 2017
Chrome (Cr)	0.0017 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Copper (Cu)	0.0083 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Total Cyanide (CNT)	<0.001 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Hardness	<1 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	June 20, 2017
Iron (Fe)	<0.01 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Fluoride (F)	<0.02 mg/L	Sous-traitance\Multilab Direct	June 23, 2017
Total Suspended Solids	<1 mg/L	M-SOLI-1.0	June 15, 2017
Manganese (Mn)	<0.0005 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Mercury (Hg)	0.00010 mg/L	Sous-traitance\Multilab Direct	June 16, 2017
Molybdenum (Mo)	<0.0005 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Ammonia NH ₃ (non-ionized)	<0.01 mg N/L	Sous-traitance\Bio-Services Inc.	June 21, 2017
Nickel (Ni)	<0.0005 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Nitrate (NO ₃)	0.01 mg N/L	Sous-traitance\Multilab Direct	June 16, 2017
Nitrite (NO ₂)	<0.01 mg N/L	Sous-traitance\Multilab Direct	June 16, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	June 27, 2017
Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Dissolved Solids	1 mg/L	M-TIT-1.0	June 14, 2017
Sulfate (SO ₄)	1.4 mg SO ₄ /L	Sous-traitance\Multilab Direct	June 20, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Zinc (Zn)	0.005 mg/L	Sous-traitance\Multilab Direct	June 20, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Detection limit

Lab number: V-64309

Sample name: ST-24 FB

Sampling location: ST-24

Sampling date: June 11, 2017

Sampling hour: 15:30

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO ₃ /L	M-TIT-1.0	
Aluminium (Al)	0.006	mg/L	Sous-traitance	
Silver (Ag)	0.0001	mg/L	Sous-traitance	Yes
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Chloride	0.5	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO ₃ /L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes
Fluoride (F)	0.02	mg/L	Sous-traitance	Yes
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Nitrate (NO ₃)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO ₂)	0.01	mg N/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Dissolved Solids	1	mg/L	M-TIT-1.0	
Sulfate (SO ₄)	0.6	mg SO ₄ /L	Sous-traitance	Yes
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes

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Quality control Report

Lab number: V-64309

Sample name: ST-24 FB

Sampling location: ST-24

Sampling date: June 11, 2017

Sampling hour: 15:30

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 146 Accuracy 99.3% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006 Standard name C00-046-705_X_1000 Result 1.14 Accuracy 86% Limit 0.800 - 1.200
Silver (Ag) mg/L	Blank <0.0001 Standard name DMR-0013-2017-Ag Result 0.0392 Accuracy 92.5% Limit 0.0339 - 0.0509
Arsenic (As) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0947 Accuracy 94.7% Limit 0.0700 - 0.1300
Barium (Ba) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0972 Accuracy 97.2% Limit 0.0800 - 0.1200
Cadmium (Cd) mg/L	Blank <0.00002 Standard name C00-046-705_X_1000 Result 0.10032 Accuracy 99.7% Limit 0.0800 - 0.1200
Chloride mg/L	Blank <0.5 Standard name DMR-0266-2017-Cl Result 103 Accuracy 95.4% Limit 95 - 121
Chrome (Cr) mg/L	Blank <0.0006 Standard name C00-046-705_X_1000 Result 0.1135 Accuracy 86.5% Limit 0.0800 - 0.1200
Copper (Cu) mg/L	Blank <0.0005

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Quality control Report

Lab number: V-64309

Sample name: ST-24 FB

Sampling location: ST-24

Sampling date: June 11, 2017

Sampling hour: 15:30

Parameter	
Total Cyanide (CNT) mg/L	Standard name C00-046-705_X_1000
	Result 0.1088
	Accuracy 91.2%
	Limit 0.0800 - 0.1200
	Blank <0.001
Iron (Fe) mg/L	Standard name DMR-0266-CNT
	Result 0.232
	Accuracy 96.3%
	Limit 0.205 - 0.277
	Blank <0.01
Fluoride (F) mg/L	Standard name C00-046-705_X_1000
	Result 1.14
	Accuracy 86%
	Limit 0.800 - 1.200
	Blank <0.02
Total Suspended Solids mg/L	Standard name DMR-0266-2017-F
	Result 2.44
	Accuracy 93.9%
	Limit 2.13 - 2.47
	Sample duplicate <0.02-<0.02
Manganese (Mn) mg/L	Blank <1
	Standard name STD-MES 25mg/L
	Result 24
	Accuracy 96%
	Limit 19 - 31
Mercury (Hg) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1178
	Accuracy 82.2%
	Limit 0.0800 - 0.1200
Molybdenum (Mo) mg/L	Blank <0.00001
	Standard name DMR-0219-2017-HgEu
	Result 0.00048
	Accuracy 68.6%
	Limit 0.00042 - 0.00098
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0998
	Accuracy 99.8%
	Limit 0.0800 - 0.1200

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Quality control Report

Lab number: V-64309

Sample name: ST-24 FB

Sampling location: ST-24

Sampling date: June 11, 2017

Sampling hour: 15:30

Parameter

Nickel (Ni) mg/L
Blank <0.0005
Standard name C00-046-705_X_1000
Result 0.1073
Accuracy 92.7%
Limit 0.0800 - 0.1200

Nitrate (NO3) mg N/L
Blank <0.01
Nitrite (NO2) mg N/L
Blank <0.01
Standard name DMR-0219-2017-NO2
Result 2.71
Accuracy 100%

Lead (Pb) mg/L
Limit 2.30 - 3.12
Blank <0.0003
Standard name DMR-0219-2017-Eu
Result 0.9659
Accuracy 93%

Selenium (Se) mg/L
Limit 0.722 - 1.084
Blank <0.001
Standard name C00-046-705_X_1000
Result 0.096
Accuracy 96%

Sulfate (SO4) mg SO4/L
Limit 0.0800 - 0.1200
Blank <0.6
Standard name DMR-0266-2017-SO4
Result 114
Accuracy 92.7%

Thallium (Tl) mg/L
Limit 114 - 132
Blank <0.0008
Standard name Tl-S140909023-1000ppm
Result 1031
Accuracy 96.9%

Zinc (Zn) mg/L
Limit 800 - 1200
Blank <0.001
Standard name C00-046-705_X_1000
Result 0.107
Accuracy 93%

Limit 0.0800 - 0.1200

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Additional information

Lab number: V-64309
Sample name: ST-24 FB
Sampling location: ST-24

Sampling date: June 11, 2017
Sampling hour: 15:30

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-CL-2.0	MA.300-Ions 1.3
M-CN-1.0	MA.300-CN 1.2
M-CI-1.0	MA.300-Anions 1.0
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-SULF-2.0	MA.300-Ions 1.3

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-64310

Sampling location: ST-25

Sampling date: June 11, 2017

Sample name: ST-25

Sampling hour: 16:00

Sampled by: JK

Date received: June 13, 2017

Matrix: Water

Reported on: June 29, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Lab number: V-64310

Sample name: ST-25

Sampling location: ST-25

Sampling date: June 11, 2017

Sampling hour: 16:00

Parameter	Result	Method name	Analysis date
Alkalinity	53 mg CaCO ₃ /L	M-TIT-1.0	June 14, 2017
Aluminium (Al)	0.916 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Arsenic (As)	0.0006 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	1.9 mg N/L	Sous-traitance\Bio-Services Inc.	June 16, 2017
Barium (Ba)	0.0145 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Cadmium (Cd)	0.00003 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Chloride	10 mg/L	Sous-traitance\Multilab Direct	June 19, 2017
Chrome (Cr)	0.0021 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Copper (Cu)	0.0032 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Total Cyanide (CNT)	0.005 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Hardness	86 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	June 20, 2017
Iron (Fe)	1.69 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Fluoride (F)	0.12 mg/L	Sous-traitance\Multilab Direct	June 23, 2017
Total Suspended Solids	28 mg/L	M-SOLI-1.0	June 15, 2017
Manganese (Mn)	0.0919 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	June 16, 2017
Molybdenum (Mo)	0.0190 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Ammonia NH ₃ (non-ionized)	<0.01 mg N/L	Sous-traitance\Bio-Services Inc.	June 21, 2017
Nickel (Ni)	0.0080 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Nitrate (NO ₃)	2.70 mg N/L	Sous-traitance\Multilab Direct	June 16, 2017
Nitrite (NO ₂)	0.07 mg N/L	Sous-traitance\Multilab Direct	June 16, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	June 27, 2017
Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Dissolved Solids	142 mg/L	M-TIT-1.0	June 14, 2017
Sulfate (SO ₄)	26.4 mg SO ₄ /L	Sous-traitance\Multilab Direct	June 20, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Zinc (Zn)	0.002 mg/L	Sous-traitance\Multilab Direct	June 20, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Detection limit

Lab number: V-64310

Sample name: ST-25

Sampling location: ST-25

Sampling date: June 11, 2017

Sampling hour: 16:00

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO ₃ /L	M-TIT-1.0	
Aluminium (Al)	0.006	mg/L	Sous-traitance	
Silver (Ag)	0.0001	mg/L	Sous-traitance	Yes
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Chloride	0.5	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO ₃ /L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes
Fluoride (F)	0.02	mg/L	Sous-traitance	Yes
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Nitrate (NO ₃)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO ₂)	0.01	mg N/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Dissolved Solids	1	mg/L	M-TIT-1.0	
Sulfate (SO ₄)	0.6	mg SO ₄ /L	Sous-traitance	Yes
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes

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Quality control Report

Lab number: V-64310

Sample name: ST-25

Sampling location: ST-25

Sampling date: June 11, 2017

Sampling hour: 16:00

Parameter	
Alkalinity mg CaCO3/L	Standard name STD alcalinité Result 146 Accuracy 99.3% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006 Standard name C00-046-705_X_1000 Result 1.14 Accuracy 86% Limit 0.800 - 1.200
Silver (Ag) mg/L	Blank <0.0001 Standard name DMR-0013-2017-Ag Result 0.0392 Accuracy 92.5% Limit 0.0339 - 0.0509
Arsenic (As) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0947 Accuracy 94.7% Limit 0.0700 - 0.1300
Barium (Ba) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0972 Accuracy 97.2% Limit 0.0800 - 0.1200
Cadmium (Cd) mg/L	Blank <0.00002 Standard name C00-046-705_X_1000 Result 0.10032 Accuracy 99.7% Limit 0.0800 - 0.1200
Chloride mg/L	Blank <0.5 Standard name DMR-0266-2017-Cl Result 103 Accuracy 95.4% Limit 95 - 121
Chrome (Cr) mg/L	Blank <0.0006 Standard name C00-046-705_X_1000 Result 0.1135 Accuracy 86.5% Limit 0.0800 - 0.1200
Copper (Cu) mg/L	Blank <0.0005

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Quality control Report

Lab number: V-64310

Sample name: ST-25

Sampling location: ST-25

Sampling date: June 11, 2017

Sampling hour: 16:00

Parameter	
	Standard name C00-046-705_X_1000
	Result 0.1088
	Accuracy 91.2%
	Limit 0.0800 - 0.1200
Total Cyanide (CNT) mg/L	Blank <0.001
	Standard name DMR-0266-CNT
	Result 0.232
	Accuracy 96.3%
	Limit 0.205 - 0.277
Iron (Fe) mg/L	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.14
	Accuracy 86%
	Limit 0.800 - 1.200
Fluoride (F) mg/L	Blank <0.02
	Standard name DMR-0266-2017-F
	Result 2.44
	Accuracy 93.9%
	Limit 2.13 - 2.47
Total Suspended Solids mg/L	Blank <1
	Standard name STD-MES 25mg/L
	Result 24
	Accuracy 96%
	Limit 19 - 31
Manganese (Mn) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1178
	Accuracy 82.2%
	Limit 0.0800 - 0.1200
Mercury (Hg) mg/L	Blank <0.00001
	Standard name DMR-0219-2017-HgEu
	Result 0.00048
	Accuracy 68.6%
	Limit 0.00042 - 0.00098
Molybdenum (Mo) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0998
	Accuracy 99.8%
	Limit 0.0800 - 0.1200
Nickel (Ni) mg/L	Blank <0.0005

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Quality control Report

Lab number: V-64310

Sample name: ST-25

Sampling location: ST-25

Sampling date: June 11, 2017

Sampling hour: 16:00

Parameter	
	Standard name C00-046-705_X_1000
	Result 0.1073
	Accuracy 92.7%
	Limit 0.0800 - 0.1200
Nitrate (NO3) mg N/L	Blank <0.01
Nitrite (NO2) mg N/L	Blank <0.01
	Standard name DMR-0219-2017-NO2
	Result 2.71
	Accuracy 100%
	Limit 2.30 - 3.12
Lead (Pb) mg/L	Blank <0.0003
	Standard name DMR-0219-2017-Eu
	Result 0.9659
	Accuracy 93%
	Limit 0.722 - 1.084
Selenium (Se) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.096
	Accuracy 96%
	Limit 0.0800 - 0.1200
Sulfate (SO4) mg SO4/L	Blank <0.6
	Standard name DMR-0266-2017-SO4
	Result 114
	Accuracy 92.7%
	Limit 114 - 132
Thallium (Tl) mg/L	Blank <0.0008
	Standard name Tl-S140909023-1000ppm
	Result 1031
	Accuracy 96.9%
	Limit 800 - 1200
Zinc (Zn) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.107
	Accuracy 93%
	Limit 0.0800 - 0.1200

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Additional information

Lab number: V-64310
Sample name: ST-25
Sampling location: ST-25

Sampling date: June 11, 2017
Sampling hour: 16:00

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-CL-2.0	MA.300-Ions 1.3
M-CN-1.0	MA.300-CN 1.2
M-CI-1.0	MA.300-Anions 1.0
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-SULF-2.0	MA.300-Ions 1.3

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-64290

Sampling location: ST-17 Pit B

Sampling date: June 12, 2017

Sample name: ST-17

Sampling hour: 07:30

Sampled by: JK/MBA

Date received: June 13, 2017

Matrix: Water

Reported on: June 30, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Lab number: V-64290

Sample name: ST-17

Sampling location: ST-17 Pit B

Sampling date: June 12, 2017

Sampling hour: 07:30

Parameter	Result	Method name	Analysis date
Alkalinity	83 mg CaCO ₃ /L	M-TIT-1.0	June 14, 2017
Aluminium (Al)	0.134 mg/L	Sous-traitance\Multilab Direct	June 16, 2017
Dissolved Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	June 16, 2017
Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	June 16, 2017
Dissolved Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	June 16, 2017
Arsenic (As)	0.0239 mg/L	Sous-traitance\Multilab Direct	June 16, 2017
Dissolved Arsenic (As)	0.0146 mg/L	Sous-traitance\Multilab Direct	June 16, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	4.3 mg N/L	Sous-traitance\Bio-Services Inc.	June 21, 2017
Barium (Ba)	0.0064 mg/L	Sous-traitance\Multilab Direct	June 16, 2017
Dissolved Barium (Ba)	0.0036 mg/L	Sous-traitance\Multilab Direct	June 16, 2017
Cadmium (Cd)	0.00019 mg/L	Sous-traitance\Multilab Direct	June 16, 2017
Dissolved Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	June 16, 2017
Chloride	12.7 mg/L	Sous-traitance\Multilab Direct	June 19, 2017
Chrome (Cr)	0.0009 mg/L	Sous-traitance\Multilab Direct	June 16, 2017
Dissolved Chromium (Cr)	0.0013 mg/L	Sous-traitance\Multilab Direct	June 16, 2017
Copper (Cu)	0.0006 mg/L	Sous-traitance\Multilab Direct	June 16, 2017
Dissolved Copper (Cu)	<0.0005 mg/L	Sous-traitance\Multilab Direct	June 16, 2017
Cyanide W.A.D.	0.031 mg/L	Sous-traitance\Multilab Direct	June 19, 2017
Total Cyanide (CNT)	0.062 mg/L	Sous-traitance\Multilab Direct	June 19, 2017
Hardness	193 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	June 16, 2017
Iron (Fe)	0.42 mg/L	Sous-traitance\Multilab Direct	June 16, 2017
Dissolved Iron (Fe)	0.01 mg/L	Sous-traitance\Multilab Direct	June 16, 2017
Fluoride (F)	0.36 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Total Suspended Solids	16 mg/L	M-SOLI-1.0	June 15, 2017
Manganese (Mn)	0.0909 mg/L	Sous-traitance\Multilab Direct	June 16, 2017
Dissolved Manganese (Mn)	0.0713 mg/L	Sous-traitance\Multilab Direct	June 21, 2017
Mercury (Hg)	0.00001 mg/L	Sous-traitance\Multilab Direct	June 16, 2017
Dissolved Mercury (Hg)	0.00003 mg/L	Sous-traitance\Multilab Direct	June 16, 2017
Molybdenum (Mo)	0.0594 mg/L	Sous-traitance\Multilab Direct	June 16, 2017
Dissolved Molybdenum (Mo)	0.0497 mg/L	Sous-traitance\Multilab Direct	June 16, 2017
Ammonia NH ₃ (non-ionized)	0.41 mg N/L	Sous-traitance\Bio-Services Inc.	June 21, 2017
Nickel (Ni)	0.0290 mg/L	Sous-traitance\Multilab Direct	June 16, 2017
Dissolved Nickel (Ni)	0.0229 mg/L	Sous-traitance\Multilab Direct	June 16, 2017
Nitrate (NO ₃)	4.48 mg N/L	Sous-traitance\Multilab Direct	June 16, 2017
Nitrite (NO ₂)	0.11 mg N/L	Sous-traitance\Multilab Direct	June 16, 2017
Lead (Pb)	0.0165 mg/L	Sous-traitance\Multilab Direct	June 16, 2017
Dissolved Lead (Pb)	0.006 mg/L	Sous-traitance\Multilab Direct	June 16, 2017
Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	June 16, 2017
Dissolved Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	June 16, 2017
Dissolved Solids	387 mg/L	M-TIT-1.0	June 14, 2017

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Analytical Report

Lab number: V-64290

Sample name: ST-17

Sampling date: June 12, 2017

Sampling location: ST-17 Pit B

Sampling hour: 07:30

Parameter	Result	Method name	Analysis date
Sulfate (SO4)	148 mg SO4/L	Sous-traitance\Multilab Direct	June 20, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Dissolved thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Zinc (Zn)	<0.001 mg/L	Sous-traitance\Multilab Direct	June 16, 2017
Dissolved Zinc	<0.001 mg/L	Sous-traitance\Multilab Direct	June 16, 2017

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Detection limit

Lab number: V-64290

Sample name: ST-17

Sampling date: June 12, 2017

Sampling location: ST-17 Pit B

Sampling hour: 07:30

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO ₃ /L	M-TIT-1.0	
Aluminium (Al)	0.006	mg/L	Sous-traitance	
Dissolved Aluminium (Al)	0.006	mg/L	Sous-traitance	
Silver (Ag)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Silver (Ag)	0.0001	mg/L	Sous-traitance	
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Arsenic (As)	0.0005	mg/L	Sous-traitance	
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Barium (Ba)	0.0005	mg/L	Sous-traitance	
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Dissolved Cadmium (Cd)	0.00002	mg/L	Sous-traitance	
Chloride	0.5	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Dissolved Chromium (Cr)	0.0006	mg/L	Sous-traitance	
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Copper (Cu)	0.0005	mg/L	Sous-traitance	
Cyanide W.A.D.	0.001	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO ₃ /L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes
Dissolved Iron (Fe)	0.01	mg/L	Sous-traitance	
Fluoride (F)	0.02	mg/L	Sous-traitance	Yes
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Manganese (Mn)	0.0005	mg/L	Sous-traitance	
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Dissolved Mercury (Hg)	0.00001	mg/L	Sous-traitance	
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Nickel (Ni)	0.0005	mg/L	Sous-traitance	
Nitrate (NO ₃)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO ₂)	0.01	mg N/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Dissolved Lead (Pb)	0.0003	mg/L	Sous-traitance	
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Dissolved Selenium (Se)	0.001	mg/L	Sous-traitance	
Dissolved Solids	1	mg/L	M-TIT-1.0	
Sulfate (SO ₄)	0.6	mg SO ₄ /L	Sous-traitance	Yes
Thallium (Tl)	0.0008	mg/L	Sous-traitance	

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Detection limit

Lab number: V-64290

Sample name: ST-17

Sampling date: June 12, 2017

Sampling location: ST-17 Pit B

Sampling hour: 07:30

Parameter	Value	Unit	Method	Accreditation
Dissolved thallium (Tl)	0.0008	mg/L	Sous-traitance	
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes
Dissolved Zinc	0.001	mg/L	Sous-traitance	

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Quality control Report

Lab number: V-64290

Sample name: ST-17

Sampling location: ST-17 Pit B

Sampling date: June 12, 2017

Sampling hour: 07:30

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 146 Accuracy 99.3% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006
	Standard name C00-046-705_X_1000 Result 0.817 Accuracy 81.7% Limit 0.800 - 1.200
Dissolved Aluminium (Al) mg/L	Blank <0.006
	Standard name DMR-0219-2017-Eu Result 5.41 Accuracy 86.3% Limit 5.02 - 7.52
Silver (Ag) mg/L	Blank <0.0001
	Standard name DMR-0013-2017-Ag Result 0.0376 Accuracy 88.7% Limit 0.0339 - 0.0509
Dissolved Silver (Ag) mg/L	Blank <0.0001
	Standard name DMR-0013-2017-Ag Result 0.0383 Accuracy 90.3% Limit 0.0339 - 0.0509
Arsenic (As) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000 Result 0.0974 Accuracy 97.4% Limit 0.0700 - 0.1300
Dissolved Arsenic (As) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu Result 0.3238 Accuracy 86% Limit 0.199 - 0.369
Barium (Ba) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000 Result 0.0944 Accuracy 94.4% Limit 0.0800 - 0.1200
Dissolved Barium (Ba) mg/L	Blank <0.0005

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Quality control Report

Lab number: V-64290

Sample name: ST-17

Sampling location: ST-17 Pit B

Sampling date: June 12, 2017

Sampling hour: 07:30

Parameter	
	Standard name DMR-0219-2017-Eu
	Result 2.603
	Accuracy 92.9%
	Limit 1.94 - 2.92
Cadmium (Cd) mg/L	Blank <0.00002
	Standard name C00-046-705_X_1000
	Result 0.09419
	Accuracy 94.2%
	Limit 0.0800 - 0.1200
Dissolved Cadmium (Cd) mg/L	Blank <0.00002
	Standard name DMR-0219-2017-Eu
	Result 0.90969
	Accuracy 99%
	Limit 0.721 - 1.081
Chloride mg/L	Blank <0.5
	Standard name DMR-0266-2017-Cl
	Result 105
	Accuracy 97.2%
	Limit 95 - 121
Chrome (Cr) mg/L	Blank <0.0006
	Standard name C00-046-705_X_1000
	Result 0.0947
	Accuracy 94.7%
	Limit 0.0800 - 0.1200
Dissolved Chromium (Cr) mg/L	Blank <0.0006
	Standard name DMR-0219-2017-Eu
	Result 4.193
	Accuracy 96.5%
	Limit 3.24 - 4.86
Copper (Cu) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1010
	Accuracy 99%
	Limit 0.0800 - 0.1200
Dissolved Copper (Cu) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.534
	Accuracy 80.2%
	Limit 1.02 - 1.54
Cyanide W.A.D. mg/L	Blank <0.001

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Quality control Report

Lab number: V-64290

Sample name: ST-17

Sampling location: ST-17 Pit B

Sampling date: June 12, 2017

Sampling hour: 07:30

Parameter	
	Standard name DMR-0266-CNT
	Result 0.115
	Accuracy 92.7%
	Limit 0.105 - 0.143
	Sample duplicate 0.031-0.033
Total Cyanide (CNT) mg/L	Blank <0.001
	Standard name DMR-0266-CNT
	Result 0.232
	Accuracy 96.3%
	Limit 0.205 - 0.277
	Sample duplicate 0.062-0.062
Iron (Fe) mg/L	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 0.94
	Accuracy 94%
	Limit 0.800 - 1.200
Dissolved Iron (Fe) mg/L	Blank <0.01
	Standard name DMR-0219-2017-Eu
	Result 12.0
	Accuracy 94.7%
	Limit 9.1 - 13.7
Fluoride (F) mg/L	Blank 0.02
Total Suspended Solids mg/L	Blank <1
	Standard name STD-MES 25mg/L
	Result 24
	Accuracy 96%
	Limit 19 - 31
Manganese (Mn) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0968
	Accuracy 96.8%
	Limit 0.0800 - 0.1200
Dissolved Manganese (Mn) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 4.172
	Accuracy 93%
	Limit 3.12 - 4.68
Mercury (Hg) mg/L	Blank <0.00001
	Standard name DMR-0219-2017-HgEu
	Result 0.00050

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Quality control Report

Lab number: V-64290

Sample name: ST-17

Sampling location: ST-17 Pit B

Sampling date: June 12, 2017

Sampling hour: 07:30

Parameter	
Dissolved Mercury (Hg) mg/L	Accuracy 71.4%
	Limit 0.00042 - 0.00098
	Sample duplicate 0.00001-0.00002
	Blank <0.00001
	Standard name DMR-0219-2017-HgEu
	Result 0.00050
Molybdenum (Mo) mg/L	Accuracy 71.4%
	Limit 0.00042 - 0.00098
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0917
Dissolved Molybdenum (Mo) mg/L	Accuracy 91.7%
	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 0.6143
Nickel (Ni) mg/L	Accuracy 86.8%
	Limit 0.566 - 0.850
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0969
Dissolved Nickel (Ni) mg/L	Accuracy 96.9%
	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.225
Nitrate (NO3) mg N/L	Accuracy 92.5%
	Limit 0.91 - 1.37
	Blank <0.01
	Sample duplicate 4.48-4.45
	Result 2.71
Nitrite (NO2) mg N/L	Accuracy 100%
	Limit 2.30 - 3.12
	Blank <0.01
	Standard name DMR-0219-2017-NO2
	Result 0.0861
Lead (Pb) mg/L	Sample duplicate 0.11-0.11
	Blank <0.0003
	Standard name C00-046-705_X_1000
	Result 0.0861
	Accuracy 86.1%

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Quality control Report

Lab number: V-64290

Sample name: ST-17

Sampling location: ST-17 Pit B

Sampling date: June 12, 2017

Sampling hour: 07:30

Parameter	
Dissolved Lead (Pb) mg/L	Limit 0.0800 - 0.1200
	Blank <0.0003
	Standard name DMR-0219-2017-Eu
	Result 0.8281
	Accuracy 91.7%
Selenium (Se) mg/L	Limit 0.722 - 1.084
	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.105
	Accuracy 95%
Dissolved Selenium (Se) mg/L	Limit 0.0800 - 0.1200
	Blank <0.001
	Standard name DMR-0219-2017-Eu
	Result 1.53
	Accuracy 86.7%
Sulfate (SO4) mg SO4/L	Limit 1.08 - 1.62
	Blank <0.6
	Standard name DMR-0266-2017-SO4
	Result 114
	Accuracy 92.7%
Thallium (Tl) mg/L	Limit 114 - 132
	Blank <0.0008
	Standard name Tl-S140909023-1000ppm
	Result 1060
	Accuracy 94%
Dissolved thallium (Tl) mg/L	Limit 800 - 1200
	Blank <0.0008
	Standard name Tl-S140909023-1000ppm
	Result 1034
	Accuracy 96.6%
Zinc (Zn) mg/L	Limit 800 - 1200
	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.099
	Accuracy 99%
Dissolved Zinc mg/L	Limit 0.0800 - 0.1200
	Blank <0.001
	Standard name DMR-0219-2017-Eu
	Result 4.94
	Accuracy 91.7%

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Additional information

Lab number: V-64290
Sample name: ST-17
Sampling location: ST-17 Pit B

Sampling date: June 12, 2017
Sampling hour: 07:30

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-CL-2.0	MA.300-Ions 1.3
M-CN-1.0	MA.300-CN 1.2
M-CI-1.0	MA.300-Anions 1.0
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-SULF-2.0	MA.300-Ions 1.3

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-64291

Sampling location: ST-17 Pit B

Sampling date: June 12, 2017

Sample name: ST-17 DUP

Sampling hour: 07:30

Sampled by: JK/MBA

Date received: June 13, 2017

Matrix: Water

Reported on: June 30, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Lab number: V-64291

Sample name: ST-17 DUP

Sampling location: ST-17 Pit B

Sampling date: June 12, 2017

Sampling hour: 07:30

Parameter	Result	Method name	Analysis date
Alkalinity	84 mg CaCO ₃ /L	M-TIT-1.0	June 14, 2017
Aluminium (Al)	0.131 mg/L	Sous-traitance\Multilab Direct	June 16, 2017
Dissolved Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	June 16, 2017
Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	June 16, 2017
Dissolved Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	June 16, 2017
Arsenic (As)	0.0234 mg/L	Sous-traitance\Multilab Direct	June 16, 2017
Dissolved Arsenic (As)	0.0195 mg/L	Sous-traitance\Multilab Direct	June 16, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	4.4 mg N/L	Sous-traitance\Bio-Services Inc.	June 21, 2017
Barium (Ba)	0.006 mg/L	Sous-traitance\Multilab Direct	June 16, 2017
Dissolved Barium (Ba)	0.0052 mg/L	Sous-traitance\Multilab Direct	June 16, 2017
Cadmium (Cd)	0.00018 mg/L	Sous-traitance\Multilab Direct	June 16, 2017
Dissolved Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	June 16, 2017
Chloride	12.4 mg/L	Sous-traitance\Multilab Direct	June 19, 2017
Chrome (Cr)	0.0008 mg/L	Sous-traitance\Multilab Direct	June 16, 2017
Dissolved Chromium (Cr)	0.0017 mg/L	Sous-traitance\Multilab Direct	June 16, 2017
Copper (Cu)	<0.0005 mg/L	Sous-traitance\Multilab Direct	June 16, 2017
Dissolved Copper (Cu)	0.0005 mg/L	Sous-traitance\Multilab Direct	June 16, 2017
Cyanide W.A.D.	0.033 mg/L	Sous-traitance\Multilab Direct	June 19, 2017
Total Cyanide (CNT)	0.063 mg/L	Sous-traitance\Multilab Direct	June 19, 2017
Hardness	187 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	June 16, 2017
Iron (Fe)	0.41 mg/L	Sous-traitance\Multilab Direct	June 16, 2017
Dissolved Iron (Fe)	0.02 mg/L	Sous-traitance\Multilab Direct	June 16, 2017
Fluoride (F)	0.37 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Total Suspended Solids	19 mg/L	M-SOLI-1.0	June 15, 2017
Manganese (Mn)	0.0881 mg/L	Sous-traitance\Multilab Direct	June 16, 2017
Dissolved Manganese (Mn)	0.0796 mg/L	Sous-traitance\Multilab Direct	June 21, 2017
Mercury (Hg)	0.00003 mg/L	Sous-traitance\Multilab Direct	June 16, 2017
Dissolved Mercury (Hg)	0.00004 mg/L	Sous-traitance\Multilab Direct	June 16, 2017
Molybdenum (Mo)	0.0600 mg/L	Sous-traitance\Multilab Direct	June 16, 2017
Dissolved Molybdenum (Mo)	0.0538 mg/L	Sous-traitance\Multilab Direct	June 16, 2017
Ammonia NH ₃ (non-ionized)	0.05 mg N/L	Sous-traitance\Bio-Services Inc.	June 21, 2017
Nickel (Ni)	0.0282 mg/L	Sous-traitance\Multilab Direct	June 16, 2017
Dissolved Nickel (Ni)	0.0252 mg/L	Sous-traitance\Multilab Direct	June 16, 2017
Nitrate (NO ₃)	9.36 mg N/L	Sous-traitance\Multilab Direct	June 16, 2017
Nitrite (NO ₂)	0.11 mg N/L	Sous-traitance\Multilab Direct	June 16, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	June 21, 2017
Dissolved Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	June 21, 2017
Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	June 16, 2017
Dissolved Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	June 16, 2017
Dissolved Solids	388 mg/L	M-TIT-1.0	June 14, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Analytical Report

Lab number: V-64291

Sample name: ST-17 DUP

Sampling date: June 12, 2017

Sampling location: ST-17 Pit B

Sampling hour: 07:30

Parameter	Result	Method name	Analysis date
Sulfate (SO4)	146 mg SO4/L	Sous-traitance\Multilab Direct	June 20, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Dissolved thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Zinc (Zn)	<0.001 mg/L	Sous-traitance\Multilab Direct	June 16, 2017
Dissolved Zinc	<0.001 mg/L	Sous-traitance\Multilab Direct	June 16, 2017

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Detection limit

Lab number: V-64291

Sample name: ST-17 DUP

Sampling date: June 12, 2017

Sampling location: ST-17 Pit B

Sampling hour: 07:30

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO ₃ /L	M-TIT-1.0	
Aluminium (Al)	0.006	mg/L	Sous-traitance	
Dissolved Aluminium (Al)	0.006	mg/L	Sous-traitance	
Silver (Ag)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Silver (Ag)	0.0001	mg/L	Sous-traitance	
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Arsenic (As)	0.0005	mg/L	Sous-traitance	
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Barium (Ba)	0.0005	mg/L	Sous-traitance	
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Dissolved Cadmium (Cd)	0.00002	mg/L	Sous-traitance	
Chloride	0.5	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Dissolved Chromium (Cr)	0.0006	mg/L	Sous-traitance	
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Copper (Cu)	0.0005	mg/L	Sous-traitance	
Cyanide W.A.D.	0.001	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO ₃ /L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes
Dissolved Iron (Fe)	0.01	mg/L	Sous-traitance	
Fluoride (F)	0.02	mg/L	Sous-traitance	Yes
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Manganese (Mn)	0.0005	mg/L	Sous-traitance	
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Dissolved Mercury (Hg)	0.00001	mg/L	Sous-traitance	
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Nickel (Ni)	0.0005	mg/L	Sous-traitance	
Nitrate (NO ₃)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO ₂)	0.01	mg N/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Dissolved Lead (Pb)	0.0003	mg/L	Sous-traitance	
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Dissolved Selenium (Se)	0.001	mg/L	Sous-traitance	
Dissolved Solids	1	mg/L	M-TIT-1.0	
Sulfate (SO ₄)	0.6	mg SO ₄ /L	Sous-traitance	Yes
Thallium (Tl)	0.0008	mg/L	Sous-traitance	

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Detection limit

Lab number: V-64291

Sample name: ST-17 DUP

Sampling date: June 12, 2017

Sampling location: ST-17 Pit B

Sampling hour: 07:30

Parameter	Value	Unit	Method	Accreditation
Dissolved thallium (Tl)	0.0008	mg/L	Sous-traitance	
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes
Dissolved Zinc	0.001	mg/L	Sous-traitance	

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Quality control Report

Lab number: V-64291

Sample name: ST-17 DUP

Sampling location: ST-17 Pit B

Sampling date: June 12, 2017

Sampling hour: 07:30

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 146 Accuracy 99.3% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006
	Standard name C00-046-705_X_1000 Result 0.817 Accuracy 81.7% Limit 0.800 - 1.200
Dissolved Aluminium (Al) mg/L	Blank <0.006
	Standard name DMR-0219-2017-Eu Result 5.41 Accuracy 86.3% Limit 5.02 - 7.52
Silver (Ag) mg/L	Blank <0.0001
	Standard name DMR-0013-2017-Ag Result 0.0376 Accuracy 88.7% Limit 0.0339 - 0.0509
Dissolved Silver (Ag) mg/L	Blank <0.0001
	Standard name DMR-0013-2017-Ag Result 0.0383 Accuracy 90.3% Limit 0.0339 - 0.0509
Arsenic (As) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000 Result 0.0974 Accuracy 97.4% Limit 0.0700 - 0.1300
Dissolved Arsenic (As) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu Result 0.3238 Accuracy 86% Limit 0.199 - 0.369
Barium (Ba) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000 Result 0.0944 Accuracy 94.4% Limit 0.0800 - 0.1200
Dissolved Barium (Ba) mg/L	Blank <0.0005

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Quality control Report

Lab number: V-64291

Sample name: ST-17 DUP

Sampling location: ST-17 Pit B

Sampling date: June 12, 2017

Sampling hour: 07:30

Parameter	
	Standard name DMR-0219-2017-Eu
	Result 2.603
	Accuracy 92.9%
	Limit 1.94 - 2.92
Cadmium (Cd) mg/L	Blank <0.00002
	Standard name C00-046-705_X_1000
	Result 0.09419
	Accuracy 94.2%
	Limit 0.0800 - 0.1200
Dissolved Cadmium (Cd) mg/L	Blank <0.00002
	Standard name DMR-0219-2017-Eu
	Result 0.90969
	Accuracy 99%
	Limit 0.721 - 1.081
Chloride mg/L	Blank <0.5
	Standard name DMR-0266-2017-CI
	Result 105
	Accuracy 97.2%
	Limit 95 - 121
Chrome (Cr) mg/L	Blank <0.0006
	Standard name C00-046-705_X_1000
	Result 0.0947
	Accuracy 94.7%
	Limit 0.0800 - 0.1200
Dissolved Chromium (Cr) mg/L	Blank <0.0006
	Standard name DMR-0219-2017-Eu
	Result 4.193
	Accuracy 96.5%
	Limit 3.24 - 4.86
Copper (Cu) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1010
	Accuracy 99%
	Limit 0.0800 - 0.1200
Dissolved Copper (Cu) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.534
	Accuracy 80.2%
	Limit 1.02 - 1.54
Cyanide W.A.D. mg/L	Blank <0.001

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Quality control Report

Lab number: V-64291

Sample name: ST-17 DUP

Sampling location: ST-17 Pit B

Sampling date: June 12, 2017

Sampling hour: 07:30

Parameter	
Total Cyanide (CNT) mg/L	Standard name DMR-0266-CNT
	Result 0.115
	Accuracy 92.7%
	Limit 0.105 - 0.143
	Blank <0.001
Iron (Fe) mg/L	Standard name DMR-0266-CNT
	Result 0.232
	Accuracy 96.3%
	Limit 0.205 - 0.277
	Blank <0.01
Dissolved Iron (Fe) mg/L	Standard name C00-046-705_X_1000
	Result 0.94
	Accuracy 94%
	Limit 0.800 - 1.200
	Blank <0.01
Fluoride (F) mg/L	Standard name DMR-0219-2017-Eu
	Result 12.0
	Accuracy 94.7%
	Limit 9.1 - 13.7
	Blank 0.02
Total Suspended Solids mg/L	Sample duplicate 0.37-0.38
	Blank <1
	Standard name STD-MES 25mg/L
	Result 24
	Accuracy 96%
Manganese (Mn) mg/L	Limit 19 - 31
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0968
	Accuracy 96.8%
Dissolved Manganese (Mn) mg/L	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 4.172
	Accuracy 93%
Mercury (Hg) mg/L	Limit 3.12 - 4.68
	Blank <0.00001
	Standard name DMR-0219-2017-HgEu
	Result 0.00050
	Accuracy 71.4%

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Quality control Report

Lab number: V-64291

Sample name: ST-17 DUP

Sampling location: ST-17 Pit B

Sampling date: June 12, 2017

Sampling hour: 07:30

Parameter	
Dissolved Mercury (Hg) mg/L	Limit 0.00042 - 0.00098
	Blank <0.00001
	Standard name DMR-0219-2017-HgEu
	Result 0.00050
	Accuracy 71.4%
Molybdenum (Mo) mg/L	Limit 0.00042 - 0.00098
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0917
	Accuracy 91.7%
Dissolved Molybdenum (Mo) mg/L	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 0.6143
	Accuracy 86.8%
Nickel (Ni) mg/L	Limit 0.566 - 0.850
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0969
	Accuracy 96.9%
Dissolved Nickel (Ni) mg/L	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.225
	Accuracy 92.5%
Nitrate (NO3) mg N/L Nitrite (NO2) mg N/L	Limit 0.91 - 1.37
	Blank <0.01
	Blank <0.01
	Standard name DMR-0219-2017-NO2
	Result 2.71
Lead (Pb) mg/L	Accuracy 100%
	Limit 2.30 - 3.12
	Blank <0.0003
	Standard name C00-046-705_X_1000
	Result 0.0842
Dissolved Lead (Pb) mg/L	Accuracy 84.2%
	Limit 0.0800 - 0.1200
	Blank <0.0003
	Standard name DMR-0219-2017-Eu
	Result 0.7984

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Quality control Report

Lab number: V-64291

Sample name: ST-17 DUP

Sampling location: ST-17 Pit B

Sampling date: June 12, 2017

Sampling hour: 07:30

Parameter	
Selenium (Se) mg/L	Accuracy 88.4%
	Limit 0.722 - 1.084
	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.105
Dissolved Selenium (Se) mg/L	Accuracy 95%
	Limit 0.0800 - 0.1200
	Blank <0.001
	Standard name DMR-0219-2017-Eu
	Result 1.53
Sulfate (SO4) mg SO4/L	Accuracy 86.7%
	Limit 1.08 - 1.62
	Blank <0.6
	Standard name DMR-0266-2017-SO4
	Result 114
Thallium (Tl) mg/L	Accuracy 92.7%
	Limit 114 - 132
	Blank <0.0008
	Standard name Tl-S140909023-1000ppm
	Result 1060
Dissolved thallium (Tl) mg/L	Accuracy 94%
	Limit 800 - 1200
	Sample duplicate <0.0008-<0.0008
	Blank <0.0008
	Standard name Tl-S140909023-1000ppm
Zinc (Zn) mg/L	Result 1034
	Accuracy 96.6%
	Limit 800 - 1200
	Blank <0.001
	Standard name C00-046-705_X_1000
Dissolved Zinc mg/L	Result 0.099
	Accuracy 99%
	Limit 0.0800 - 0.1200
	Blank <0.001
	Standard name DMR-0219-2017-Eu
	Result 4.94
	Accuracy 91.7%
	Limit 3.65 - 5.47

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Additional information

Lab number: V-64291
Sample name: ST-17 DUP
Sampling location: ST-17 Pit B

Sampling date: June 12, 2017
Sampling hour: 07:30

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-CL-2.0	MA.300-Ions 1.3
M-CN-1.0	MA.300-CN 1.2
M-CI-1.0	MA.300-Anions 1.0
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-SULF-2.0	MA.300-Ions 1.3

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-64292

Sampling location: ST-S-2

Sampling date: June 12, 2017

Sample name: ST-S-2

Sampling hour: 08:30

Sampled by: JK/MBA

Date received: June 13, 2017

Matrix: Water

Reported on: June 30, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Lab number: V-64292

Sample name: ST-S-2

Sampling location: ST-S-2

Sampling date: June 12, 2017

Sampling hour: 08:30

Parameter	Result	Method name	Analysis date
Alkalinity	21 mg CaCO ₃ /L	M-TIT-1.0	June 14, 2017
Aluminium (Al)	0.626 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Arsenic (As)	0.001 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	0.21 mg N/L	Sous-traitance\Bio-Services Inc.	June 21, 2017
Barium (Ba)	0.0044 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Chloride	1.1 mg/L	Sous-traitance\Multilab Direct	June 19, 2017
Chrome (Cr)	0.0092 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Copper (Cu)	0.003 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Cyanide W.A.D.	<0.001 mg/L	Sous-traitance\Multilab Direct	June 19, 2017
Total Cyanide (CNT)	0.006 mg/L	Sous-traitance\Multilab Direct	June 19, 2017
Hardness	23 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	June 20, 2017
Iron (Fe)	1.01 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Fluoride (F)	0.05 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Total Suspended Solids	9 mg/L	M-SOLI-1.0	June 15, 2017
Manganese (Mn)	0.0538 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Mercury (Hg)	0.00091 mg/L	Sous-traitance\Multilab Direct	June 16, 2017
Molybdenum (Mo)	0.0015 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Ammonia NH ₃ (non-ionized)	<0.01 mg N/L	Sous-traitance\Bio-Services Inc.	June 21, 2017
Nickel (Ni)	0.0079 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Nitrate (NO ₃)	0.58 mg N/L	Sous-traitance\Multilab Direct	June 16, 2017
Nitrite (NO ₂)	0.01 mg N/L	Sous-traitance\Multilab Direct	June 16, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	June 27, 2017
Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Dissolved Solids	46 mg/L	M-TIT-1.0	June 14, 2017
Sulfate (SO ₄)	13.9 mg SO ₄ /L	Sous-traitance\Multilab Direct	June 20, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Zinc (Zn)	0.002 mg/L	Sous-traitance\Multilab Direct	June 20, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Detection limit

Lab number: V-64292

Sample name: ST-S-2

Sampling location: ST-S-2

Sampling date: June 12, 2017

Sampling hour: 08:30

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO ₃ /L	M-TIT-1.0	
Aluminium (Al)	0.006	mg/L	Sous-traitance	
Silver (Ag)	0.0001	mg/L	Sous-traitance	Yes
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Chloride	0.5	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Cyanide W.A.D.	0.001	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO ₃ /L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes
Fluoride (F)	0.02	mg/L	Sous-traitance	Yes
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Nitrate (NO ₃)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO ₂)	0.01	mg N/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Dissolved Solids	1	mg/L	M-TIT-1.0	
Sulfate (SO ₄)	0.6	mg SO ₄ /L	Sous-traitance	Yes
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Quality control Report

Lab number: V-64292

Sample name: ST-S-2

Sampling location: ST-S-2

Sampling date: June 12, 2017

Sampling hour: 08:30

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 146 Accuracy 99.3% Limit 123 - 167 Sample duplicate 21-21
Aluminium (Al) mg/L	Blank <0.006 Standard name C00-046-705_X_1000 Result 1.14 Accuracy 86% Limit 0.800 - 1.200
Silver (Ag) mg/L	Blank <0.0001 Standard name DMR-0013-2017-Ag Result 0.0392 Accuracy 92.5% Limit 0.0339 - 0.0509
Arsenic (As) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0947 Accuracy 94.7% Limit 0.0700 - 0.1300
Barium (Ba) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0972 Accuracy 97.2% Limit 0.0800 - 0.1200
Cadmium (Cd) mg/L	Blank <0.00002 Standard name C00-046-705_X_1000 Result 0.10032 Accuracy 99.7% Limit 0.0800 - 0.1200
Chloride mg/L	Blank <0.5 Standard name DMR-0266-2017-Cl Result 105 Accuracy 97.2% Limit 95 - 121
Chrome (Cr) mg/L	Blank <0.0006 Standard name C00-046-705_X_1000 Result 0.1135 Accuracy 86.5% Limit 0.0800 - 0.1200

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Quality control Report

Lab number: V-64292

Sample name: ST-S-2

Sampling location: ST-S-2

Sampling date: June 12, 2017

Sampling hour: 08:30

Parameter

Copper (Cu) mg/L
Blank <0.0005
Standard name C00-046-705_X_1000
Result 0.1088
Accuracy 91.2%
Limit 0.0800 - 0.1200

Cyanide W.A.D. mg/L
Blank <0.001
Standard name DMR-0266-CNT
Result 0.115
Accuracy 92.7%
Limit 0.105 - 0.143

Total Cyanide (CNT) mg/L
Blank <0.001
Standard name DMR-0266-CNT
Result 0.232
Accuracy 96.3%
Limit 0.205 - 0.277

Iron (Fe) mg/L
Blank <0.01
Standard name C00-046-705_X_1000
Result 1.14
Accuracy 86%
Limit 0.800 - 1.200

Fluoride (F) mg/L
Blank 0.02
Total Suspended Solids mg/L
Blank <1
Standard name STD-MES 25mg/L
Result 24
Accuracy 96%
Limit 19 - 31

Manganese (Mn) mg/L
Sample duplicate 9-9
Blank <0.0005
Standard name C00-046-705_X_1000
Result 0.1178
Accuracy 82.2%
Limit 0.0800 - 0.1200

Mercury (Hg) mg/L
Blank <0.00001
Standard name DMR-0219-2017-HgEu
Result 0.00050
Accuracy 71.4%
Limit 0.00042 - 0.00098

Molybdenum (Mo) mg/L
Blank <0.0005
Standard name C00-046-705_X_1000
Result 0.0998

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Quality control Report

Lab number: V-64292

Sample name: ST-S-2

Sampling location: ST-S-2

Sampling date: June 12, 2017

Sampling hour: 08:30

Parameter	
Nickel (Ni) mg/L	Accuracy 99.8%
	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1073
Nitrate (NO3) mg N/L Nitrite (NO2) mg N/L	Accuracy 92.7%
	Limit 0.0800 - 0.1200
	Blank <0.01
	Blank <0.01
	Standard name DMR-0219-2017-NO2
Lead (Pb) mg/L	Result 2.71
	Accuracy 100%
	Limit 2.30 - 3.12
	Blank <0.0003
	Standard name DMR-0219-2017-Eu
Selenium (Se) mg/L	Result 0.9659
	Accuracy 93%
	Limit 0.722 - 1.084
	Blank <0.001
	Standard name C00-046-705_X_1000
Dissolved Solids mg/L Sulfate (SO4) mg SO4/L	Result 0.096
	Accuracy 96%
	Limit 0.0800 - 0.1200
	Sample duplicate 46-46
	Blank <0.6
Thallium (Tl) mg/L	Standard name DMR-0266-2017-SO4
	Result 114
	Accuracy 92.7%
	Limit 114 - 132
	Blank <0.0008
Zinc (Zn) mg/L	Standard name TI-S140909023-1000ppm
	Result 1060
	Accuracy 94%
	Limit 800 - 1200
	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.107
	Accuracy 93%
	Limit 0.0800 - 0.1200

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Additional information

Lab number: V-64292
Sample name: ST-S-2
Sampling location: ST-S-2

Sampling date: June 12, 2017
Sampling hour: 08:30

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-CL-2.0	MA.300-Ions 1.3
M-CN-1.0	MA.300-CN 1.2
M-CI-1.0	MA.300-Anions 1.0
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-SULF-2.0	MA.300-Ions 1.3

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-64293

Sampling location: ST-S-2

Sampling date: June 12, 2017

Sample name: ST-S-2 DUP

Sampling hour: 08:30

Sampled by: JK/MBA

Date received: June 13, 2017

Matrix: Water

Reported on: June 30, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
This report shall not be reproduced except in full without the written authority of the laboratory.



Analytical Report

Lab number: V-64293

Sample name: ST-S-2 DUP

Sampling location: ST-S-2

Sampling date: June 12, 2017

Sampling hour: 08:30

Parameter	Result	Method name	Analysis date
Alkalinity	24 mg CaCO ₃ /L	M-TIT-1.0	June 14, 2017
Aluminium (Al)	0.675 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Arsenic (As)	0.0029 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	0.16 mg N/L	Sous-traitance\Bio-Services Inc.	June 21, 2017
Barium (Ba)	0.0037 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Chloride	1.1 mg/L	Sous-traitance\Multilab Direct	June 19, 2017
Chrome (Cr)	0.0092 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Copper (Cu)	0.0041 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Cyanide W.A.D.	<0.001 mg/L	Sous-traitance\Multilab Direct	June 19, 2017
Total Cyanide (CNT)	0.005 mg/L	Sous-traitance\Multilab Direct	June 19, 2017
Hardness	29 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	June 20, 2017
Iron (Fe)	1.03 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Fluoride (F)	0.05 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Total Suspended Solids	4 mg/L	M-SOLI-1.0	June 15, 2017
Manganese (Mn)	0.0632 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Mercury (Hg)	0.00002 mg/L	Sous-traitance\Multilab Direct	June 16, 2017
Molybdenum (Mo)	0.0017 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Ammonia NH ₃ (non-ionized)	<0.01 mg N/L	Sous-traitance\Bio-Services Inc.	June 21, 2017
Nickel (Ni)	0.0096 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Nitrate (NO ₃)	0.57 mg N/L	Sous-traitance\Multilab Direct	June 16, 2017
Nitrite (NO ₂)	0.01 mg N/L	Sous-traitance\Multilab Direct	June 16, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	June 27, 2017
Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Dissolved Solids	45 mg/L	M-TIT-1.0	June 14, 2017
Sulfate (SO ₄)	14.0 mg SO ₄ /L	Sous-traitance\Multilab Direct	June 20, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Zinc (Zn)	0.005 mg/L	Sous-traitance\Multilab Direct	June 20, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Detection limit

Lab number: V-64293

Sample name: ST-S-2 DUP

Sampling date: June 12, 2017

Sampling location: ST-S-2

Sampling hour: 08:30

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO ₃ /L	M-TIT-1.0	
Aluminium (Al)	0.006	mg/L	Sous-traitance	
Silver (Ag)	0.0001	mg/L	Sous-traitance	Yes
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Chloride	0.5	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Cyanide W.A.D.	0.001	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO ₃ /L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes
Fluoride (F)	0.02	mg/L	Sous-traitance	Yes
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Nitrate (NO ₃)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO ₂)	0.01	mg N/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Dissolved Solids	1	mg/L	M-TIT-1.0	
Sulfate (SO ₄)	0.6	mg SO ₄ /L	Sous-traitance	Yes
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes

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Quality control Report

Lab number: V-64293

Sample name: ST-S-2 DUP

Sampling location: ST-S-2

Sampling date: June 12, 2017

Sampling hour: 08:30

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 146 Accuracy 99.3% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006
	Standard name C00-046-705_X_1000 Result 1.14 Accuracy 86% Limit 0.800 - 1.200
Silver (Ag) mg/L	Blank <0.0001
	Standard name DMR-0013-2017-Ag Result 0.0392 Accuracy 92.5% Limit 0.0339 - 0.0509
Arsenic (As) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000 Result 0.0947 Accuracy 94.7% Limit 0.0700 - 0.1300
Barium (Ba) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000 Result 0.0972 Accuracy 97.2% Limit 0.0800 - 0.1200
Cadmium (Cd) mg/L	Blank <0.00002
	Standard name C00-046-705_X_1000 Result 0.10032 Accuracy 99.7% Limit 0.0800 - 0.1200
Chloride mg/L	Blank <0.5
	Standard name DMR-0266-2017-CI Result 105 Accuracy 97.2% Limit 95 - 121
Chrome (Cr) mg/L	Blank <0.0006
	Standard name C00-046-705_X_1000 Result 0.1135 Accuracy 86.5% Limit 0.0800 - 0.1200
Copper (Cu) mg/L	Blank <0.0005

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Quality control Report

Lab number: V-64293

Sample name: ST-S-2 DUP

Sampling location: ST-S-2

Sampling date: June 12, 2017

Sampling hour: 08:30

Parameter	
	Standard name C00-046-705_X_1000
	Result 0.1088
	Accuracy 91.2%
	Limit 0.0800 - 0.1200
Cyanide W.A.D. mg/L	Blank <0.001
	Standard name DMR-0266-CNT
	Result 0.115
	Accuracy 92.7%
	Limit 0.105 - 0.143
Total Cyanide (CNT) mg/L	Blank <0.001
	Standard name DMR-0266-CNT
	Result 0.232
	Accuracy 96.3%
	Limit 0.205 - 0.277
Iron (Fe) mg/L	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.14
	Accuracy 86%
	Limit 0.800 - 1.200
Fluoride (F) mg/L	Blank 0.02
Total Suspended Solids mg/L	Blank <1
	Standard name STD-MES 25mg/L
	Result 24
	Accuracy 96%
	Limit 19 - 31
Manganese (Mn) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1178
	Accuracy 82.2%
	Limit 0.0800 - 0.1200
Mercury (Hg) mg/L	Blank <0.00001
	Standard name DMR-0219-2017-HgEu
	Result 0.00050
	Accuracy 71.4%
	Limit 0.00042 - 0.00098
Molybdenum (Mo) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0998
	Accuracy 99.8%
	Limit 0.0800 - 0.1200

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Quality control Report

Lab number: V-64293

Sample name: ST-S-2 DUP

Sampling location: ST-S-2

Sampling date: June 12, 2017

Sampling hour: 08:30

Parameter

Nickel (Ni) mg/L
Blank <0.0005
Standard name C00-046-705_X_1000
Result 0.1073
Accuracy 92.7%
Limit 0.0800 - 0.1200

Nitrate (NO3) mg N/L
Blank <0.01
Nitrite (NO2) mg N/L
Blank <0.01
Standard name DMR-0219-2017-NO2
Result 2.71
Accuracy 100%

Lead (Pb) mg/L
Limit 2.30 - 3.12
Blank <0.0003
Standard name DMR-0219-2017-Eu
Result 0.9659
Accuracy 93%

Selenium (Se) mg/L
Limit 0.722 - 1.084
Blank <0.001
Standard name C00-046-705_X_1000
Result 0.096
Accuracy 96%

Sulfate (SO4) mg SO4/L
Limit 0.0800 - 0.1200
Blank <0.6
Standard name DMR-0266-2017-SO4
Result 114
Accuracy 92.7%

Thallium (Tl) mg/L
Limit 114 - 132
Blank <0.0008
Standard name Tl-S140909023-1000ppm
Result 1060
Accuracy 94%

Zinc (Zn) mg/L
Limit 800 - 1200
Blank <0.001
Standard name C00-046-705_X_1000
Result 0.107
Accuracy 93%

Limit 0.0800 - 0.1200

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Additional information

Lab number: V-64293
Sample name: ST-S-2 DUP
Sampling location: ST-S-2

Sampling date: June 12, 2017
Sampling hour: 08:30

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-CL-2.0	MA.300-Ions 1.3
M-CN-1.0	MA.300-CN 1.2
M-CI-1.0	MA.300-Anions 1.0
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-SULF-2.0	MA.300-Ions 1.3

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-64295

Sampling location: ST-21 South

Sampling date: June 12, 2017

Sample name: ST-21 South

Sampling hour: 07:45

Sampled by: JK/MBa

Date received: June 13, 2017

Matrix: Waste Water

Drinking water distribution:

Reported on: July 06, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Lab number: V-64295

Sample name: ST-21 South

Sampling date: June 12, 2017

Sampling location: ST-21 South

Sampling hour: 07:45

Parameter	Result	Method name	Analysis date
Alkalinity	104 mg CaCO ₃ /L	M-TIT-1.0	June 14, 2017
Aluminium (Al)	0.034 mg/L	Sous-traitance\Multilab Direct	June 16, 2017
Dissolved Aluminium (Al)	0.008 mg/L	Sous-traitance\Multilab Direct	June 16, 2017
Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	June 16, 2017
Dissolved Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	June 16, 2017
Arsenic (As)	0.0043 mg/L	Sous-traitance\Multilab Direct	June 16, 2017
Dissolved Arsenic (As)	0.0057 mg/L	Sous-traitance\Multilab Direct	June 16, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	39 mg N/L	Sous-traitance\Bio-Services Inc.	June 21, 2017
Barium (Ba)	0.053 mg/L	Sous-traitance\Multilab Direct	June 16, 2017
Dissolved Barium (Ba)	0.0443 mg/L	Sous-traitance\Multilab Direct	June 16, 2017
Cadmium (Cd)	0.00162 mg/L	Sous-traitance\Multilab Direct	June 16, 2017
Dissolved Cadmium (Cd)	0.00085 mg/L	Sous-traitance\Multilab Direct	June 16, 2017
Chloride	333 mg/L	Sous-traitance\Multilab Direct	June 19, 2017
Chrome (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	June 16, 2017
Dissolved Chromium (Cr)	0.0007 mg/L	Sous-traitance\Multilab Direct	June 16, 2017
Copper (Cu)	0.1097 mg/L	Sous-traitance\Multilab Direct	June 16, 2017
Dissolved Copper (Cu)	0.0838 mg/L	Sous-traitance\Multilab Direct	June 16, 2017
Cyanates (CNO)	<0.01 mg CNO/L	Sous-traitance\Multilab Direct	June 21, 2017
Cyanide W.A.D.	0.110 mg/L	Sous-traitance\Multilab Direct	June 19, 2017
Total Cyanide (CNT)	0.143 mg/L	Sous-traitance\Multilab Direct	June 19, 2017
Hardness	980 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	June 16, 2017
Iron (Fe)	0.19 mg/L	Sous-traitance\Multilab Direct	June 16, 2017
Dissolved Iron (Fe)	0.05 mg/L	Sous-traitance\Multilab Direct	June 16, 2017
Fluoride (F)	0.36 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Total Suspended Solids	2 mg/L	M-SOLI-1.0	June 15, 2017
Manganese (Mn)	0.4497 mg/L	Sous-traitance\Multilab Direct	June 16, 2017
Dissolved Manganese (Mn)	0.4074 mg/L	Sous-traitance\Multilab Direct	June 21, 2017
Mercury (Hg)	0.00032 mg/L	Sous-traitance\Multilab Direct	June 21, 2017
Dissolved Mercury (Hg)	0.00043 mg/L	Sous-traitance\Multilab Direct	June 21, 2017
Molybdenum (Mo)	0.3588 mg/L	Sous-traitance\Multilab Direct	June 16, 2017
Dissolved Molybdenum (Mo)	0.2808 mg/L	Sous-traitance\Multilab Direct	June 16, 2017
Ammonia NH ₃ (non-ionized)	0.78 mg N/L	Sous-traitance\Bio-Services Inc.	June 21, 2017
Nickel (Ni)	0.0752 mg/L	Sous-traitance\Multilab Direct	June 16, 2017
Dissolved Nickel (Ni)	0.0641 mg/L	Sous-traitance\Multilab Direct	June 16, 2017
Nitrate (NO ₃)	3.86 mg N/L	Sous-traitance\Multilab Direct	June 16, 2017
Nitrite (NO ₂)	0.24 mg N/L	Sous-traitance\Multilab Direct	June 16, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	June 21, 2017
Dissolved Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	June 21, 2017
Selenium (Se)	0.038 mg/L	Sous-traitance\Multilab Direct	June 16, 2017
Selenium IV	0.004 mg/L	Sous-traitance\CEAEQ	June 22, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Analytical Report

Lab number: V-64295

Sample name: ST-21 South

Sampling date: June 12, 2017

Sampling location: ST-21 South

Sampling hour: 07:45

Parameter	Result	Method name	Analysis date
Selenium VI	0.017 mg/L	Sous-traitance\CEAEQ	June 22, 2017
Dissolved Selenium (Se)	0.032 mg/L	Sous-traitance\Multilab Direct	June 16, 2017
Dissolved Solids	2750 mg/L	M-TIT-1.0	June 14, 2017
Sulfate (SO4)	1585 mg SO4/L	Sous-traitance\Multilab Direct	June 20, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Dissolved thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Thiocyanate (SCN)	92.7 mg SCN/L	Sous-traitance\Multilab Direct	July 05, 2017
Zinc (Zn)	<0.001 mg/L	Sous-traitance\Multilab Direct	June 16, 2017
Dissolved Zinc	<0.001 mg/L	Sous-traitance\Multilab Direct	June 16, 2017

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Detection limit

Lab number: V-64295

Sample name: ST-21 South

Sampling date: June 12, 2017

Sampling location: ST-21 South

Sampling hour: 07:45

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO ₃ /L	M-TIT-1.0	
Aluminium (Al)	0.006	mg/L	Sous-traitance	
Dissolved Aluminium (Al)	0.006	mg/L	Sous-traitance	
Silver (Ag)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Silver (Ag)	0.0001	mg/L	Sous-traitance	
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Arsenic (As)	0.0005	mg/L	Sous-traitance	
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Barium (Ba)	0.0005	mg/L	Sous-traitance	
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Dissolved Cadmium (Cd)	0.00002	mg/L	Sous-traitance	
Chloride	0.5	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Dissolved Chromium (Cr)	0.0006	mg/L	Sous-traitance	
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Copper (Cu)	0.0005	mg/L	Sous-traitance	
Cyanates (CNO)	0.01	mg CNO/L	Sous-traitance	
Cyanide W.A.D.	0.001	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO ₃ /L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes
Dissolved Iron (Fe)	0.01	mg/L	Sous-traitance	
Fluoride (F)	0.02	mg/L	Sous-traitance	Yes
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Manganese (Mn)	0.0005	mg/L	Sous-traitance	
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Dissolved Mercury (Hg)	0.00001	mg/L	Sous-traitance	
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Nickel (Ni)	0.0005	mg/L	Sous-traitance	
Nitrate (NO ₃)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO ₂)	0.01	mg N/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Dissolved Lead (Pb)	0.0003	mg/L	Sous-traitance	
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Selenium IV	0.001	mg/L	Sous-traitance	
Selenium VI	0.001	mg/L	Sous-traitance	
Dissolved Selenium (Se)	0.001	mg/L	Sous-traitance	

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Detection limit

Lab number: V-64295

Sample name: ST-21 South

Sampling date: June 12, 2017

Sampling location: ST-21 South

Sampling hour: 07:45

Parameter	Value	Unit	Method	Accreditation
Dissolved Solids	1	mg/L	M-TIT-1.0	
Sulfate (SO4)	0.6	mg SO4/L	Sous-traitance	Yes
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Dissolved thallium (Tl)	0.0008	mg/L	Sous-traitance	
Thiocyanate (SCN)	0.05	mg SCN/L	Sous-traitance	Yes
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes
Dissolved Zinc	0.001	mg/L	Sous-traitance	

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Quality control Report

Lab number: V-64295

Sample name: ST-21 South

Sampling location: ST-21 South

Sampling date: June 12, 2017

Sampling hour: 07:45

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 146 Accuracy 99.3% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006
	Standard name C00-046-705_X_1000 Result 0.817 Accuracy 81.7% Limit 0.800 - 1.200
Dissolved Aluminium (Al) mg/L	Blank <0.006
	Standard name DMR-0219-2017-Eu Result 5.41 Accuracy 86.3% Limit 5.02 - 7.52
Silver (Ag) mg/L	Blank <0.0001
	Standard name DMR-0013-2017-Ag Result 0.0376 Accuracy 88.7% Limit 0.0339 - 0.0509
Dissolved Silver (Ag) mg/L	Blank <0.0001
	Standard name DMR-0013-2017-Ag Result 0.0383 Accuracy 90.3% Limit 0.0339 - 0.0509
Arsenic (As) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000 Result 0.0974 Accuracy 97.4% Limit 0.0700 - 0.1300
Dissolved Arsenic (As) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu Result 0.3238 Accuracy 86% Limit 0.199 - 0.369
Barium (Ba) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000 Result 0.0944 Accuracy 94.4% Limit 0.0800 - 0.1200
Dissolved Barium (Ba) mg/L	Blank <0.0005

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Quality control Report

Lab number: V-64295

Sample name: ST-21 South

Sampling location: ST-21 South

Sampling date: June 12, 2017

Sampling hour: 07:45

Parameter	
	Standard name DMR-0219-2017-Eu
	Result 2.603
	Accuracy 92.9%
	Limit 1.94 - 2.92
Cadmium (Cd) mg/L	Blank <0.00002
	Standard name C00-046-705_X_1000
	Result 0.09419
	Accuracy 94.2%
	Limit 0.0800 - 0.1200
Dissolved Cadmium (Cd) mg/L	Blank <0.00002
	Standard name DMR-0219-2017-Eu
	Result 0.90969
	Accuracy 99%
	Limit 0.721 - 1.081
Chloride mg/L	Blank <0.5
	Standard name DMR-0266-2017-Cl
	Result 105
	Accuracy 97.2%
	Limit 95 - 121
Chrome (Cr) mg/L	Blank <0.0006
	Standard name C00-046-705_X_1000
	Result 0.0947
	Accuracy 94.7%
	Limit 0.0800 - 0.1200
Dissolved Chromium (Cr) mg/L	Blank <0.0006
	Standard name DMR-0219-2017-Eu
	Result 4.193
	Accuracy 96.5%
	Limit 3.24 - 4.86
Copper (Cu) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1010
	Accuracy 99%
	Limit 0.0800 - 0.1200
Dissolved Copper (Cu) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.534
	Accuracy 80.2%
	Limit 1.02 - 1.54
Cyanates (CNO) mg CNO/L	Blank <0.01

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Quality control Report

Lab number: V-64295

Sample name: ST-21 South

Sampling location: ST-21 South

Sampling date: June 12, 2017

Sampling hour: 07:45

Parameter	
	Standard name Controle Maison CNO 250 ppm
	Result 244
	Accuracy 97.6%
	Limit 175 - 325
Cyanide W.A.D. mg/L	Blank <0.001
	Standard name DMR-0266-CNT
	Result 0.115
	Accuracy 92.7%
	Limit 0.105 - 0.143
Total Cyanide (CNT) mg/L	Blank <0.001
	Standard name DMR-0266-CNT
	Result 0.232
	Accuracy 96.3%
	Limit 0.205 - 0.277
Iron (Fe) mg/L	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 0.94
	Accuracy 94%
	Limit 0.800 - 1.200
Dissolved Iron (Fe) mg/L	Blank <0.01
	Standard name DMR-0219-2017-Eu
	Result 12.0
	Accuracy 94.7%
	Limit 9.1 - 13.7
Fluoride (F) mg/L	Blank 0.02
Total Suspended Solids mg/L	Blank <1
	Standard name STD-MES 25mg/L
	Result 24
	Accuracy 96%
	Limit 19 - 31
Manganese (Mn) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0968
	Accuracy 96.8%
	Limit 0.0800 - 0.1200
Dissolved Manganese (Mn) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1020
	Accuracy 98%
	Limit 0.0800 - 0.1200

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Quality control Report

Lab number: V-64295

Sample name: ST-21 South

Sampling location: ST-21 South

Sampling date: June 12, 2017

Sampling hour: 07:45

Parameter	
Mercury (Hg) mg/L	Blank <0.00001 Standard name DMR-0219-2017-HgEu Result 0.00052 Accuracy 74.3% Limit 0.00042 - 0.00098
Dissolved Mercury (Hg) mg/L	Blank <0.00001 Standard name DMR-0219-2017-HgEu Result 0.00056 Accuracy 80% Limit 0.00042 - 0.00098
Molybdenum (Mo) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0917 Accuracy 91.7% Limit 0.0800 - 0.1200
Dissolved Molybdenum (Mo) mg/l	Blank <0.0005 Standard name DMR-0219-2017-Eu Result 0.6143 Accuracy 86.8% Limit 0.566 - 0.850
Nickel (Ni) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0969 Accuracy 96.9% Limit 0.0800 - 0.1200
Dissolved Nickel (Ni) mg/L	Blank <0.0005 Standard name DMR-0219-2017-Eu Result 1.225 Accuracy 92.5% Limit 0.91 - 1.37
Nitrate (NO3) mg N/L	Blank <0.01
Nitrite (NO2) mg N/L	Blank <0.01 Standard name DMR-0219-2017-NO2 Result 2.71 Accuracy 100% Limit 2.30 - 3.12
Lead (Pb) mg/L	Blank <0.0003 Standard name DMR-0219-2017-Eu Result 0.7985 Accuracy 88.4%

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Quality control Report

Lab number: V-64295

Sample name: ST-21 South

Sampling location: ST-21 South

Sampling date: June 12, 2017

Sampling hour: 07:45

Parameter	
Dissolved Lead (Pb) mg/L	Limit 0.722 - 1.084
	Blank <0.0003
	Standard name C00-046-705_X_1000
	Result 0.0839
	Accuracy 83.9%
Selenium (Se) mg/L	Limit 0.0800 - 0.1200
	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.105
	Accuracy 95%
Dissolved Selenium (Se) mg/L	Limit 0.0800 - 0.1200
	Blank <0.001
	Standard name DMR-0219-2017-Eu
	Result 1.53
	Accuracy 86.7%
Sulfate (SO4) mg SO4/L	Limit 1.08 - 1.62
	Blank <0.6
	Standard name DMR-0266-2017-SO4
	Result 114
	Accuracy 92.7%
Thallium (Tl) mg/L	Limit 114 - 132
	Sample duplicate 1585-1613
	Blank <0.0008
	Standard name TI-S140909023-1000ppm
	Result 1060
Dissolved thallium (Tl) mg/L	Accuracy 94%
	Limit 800 - 1200
	Blank <0.0008
	Standard name TI-S140909023-1000ppm
	Result 1034
Thiocyanate (SCN) mg SCN/L	Accuracy 96.6%
	Limit 800 - 1200
	Blank <0.05
	Standard name STD SCN 568ppm
	Result 636
Zinc (Zn) mg/L	Accuracy 88%
	Limit 398 - 738
	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.099

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Quality control Report

Lab number: V-64295

Sample name: ST-21 South

Sampling location: ST-21 South

Sampling date: June 12, 2017

Sampling hour: 07:45

Parameter

Dissolved Zinc mg/L

Accuracy 99%
Limit 0.0800 - 0.1200
Blank <0.001
Standard name DMR-0219-2017-Eu
Result 4.94

Accuracy 91.7%
Limit 3.65 - 5.47

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Additional information

Lab number: V-64295

Sample name: ST-21 South

Sampling location: ST-21 South

Sampling date: June 12, 2017

Sampling hour: 07:45

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-CL-2.0	MA.300-Ions 1.3
M-CI-1.0	MA.300-Anions 1.0
M-CN-1.0	MA.300-CN 1.2
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-SULF-2.0	MA.300-Ions 1.3

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-64299

Sampling location: ST-S-5

Sampling date: June 12, 2017

Sample name: ST-S-5

Sampling hour: 08:15

Sampled by: JK/MBA

Date received: June 13, 2017

Matrix: Water

Reported on: June 29, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Lab number: V-64299

Sample name: ST-S-5

Sampling location: ST-S-5

Sampling date: June 12, 2017

Sampling hour: 08:15

Parameter	Result	Method name	Analysis date
Alkalinity	117 mg CaCO ₃ /L	M-TIT-1.0	June 14, 2017
Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	June 16, 2017
Dissolved Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	June 16, 2017
Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	June 16, 2017
Dissolved Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	June 16, 2017
Arsenic (As)	0.0325 mg/L	Sous-traitance\Multilab Direct	June 16, 2017
Dissolved Arsenic (As)	0.0167 mg/L	Sous-traitance\Multilab Direct	June 16, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	34 mg N/L	Sous-traitance\Bio-Services Inc.	June 21, 2017
Barium (Ba)	0.0147 mg/L	Sous-traitance\Multilab Direct	June 16, 2017
Dissolved Barium (Ba)	0.0153 mg/L	Sous-traitance\Multilab Direct	June 16, 2017
Cadmium (Cd)	0.00109 mg/L	Sous-traitance\Multilab Direct	June 16, 2017
Dissolved Cadmium (Cd)	0.00065 mg/L	Sous-traitance\Multilab Direct	June 16, 2017
Chloride	98.9 mg/L	Sous-traitance\Multilab Direct	June 19, 2017
Chrome (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	June 16, 2017
Dissolved Chromium (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	June 16, 2017
Copper (Cu)	0.0041 mg/L	Sous-traitance\Multilab Direct	June 16, 2017
Dissolved Copper (Cu)	0.0041 mg/L	Sous-traitance\Multilab Direct	June 16, 2017
Cyanide W.A.D.	0.183 mg/L	Sous-traitance\Multilab Direct	June 21, 2017
Total Cyanide (CNT)	0.325 mg/L	Sous-traitance\Multilab Direct	June 21, 2017
Hardness	925 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	June 16, 2017
Iron (Fe)	1.74 mg/L	Sous-traitance\Multilab Direct	June 16, 2017
Dissolved Iron (Fe)	0.06 mg/L	Sous-traitance\Multilab Direct	June 16, 2017
Fluoride (F)	0.47 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Total Suspended Solids	4 mg/L	M-SOLI-1.0	June 15, 2017
Manganese (Mn)	2.155 mg/L	Sous-traitance\Multilab Direct	June 27, 2017
Dissolved Manganese (Mn)	2.022 mg/L	Sous-traitance\Multilab Direct	June 27, 2017
Mercury (Hg)	<0.0001 mg/L	Sous-traitance\Multilab Direct	June 16, 2017
Dissolved Mercury (Hg)	0.00010 mg/L	Sous-traitance\Multilab Direct	June 16, 2017
Molybdenum (Mo)	0.2527 mg/L	Sous-traitance\Multilab Direct	June 16, 2017
Dissolved Molybdenum (Mo)	0.2357 mg/L	Sous-traitance\Multilab Direct	June 16, 2017
Ammonia NH ₃ (non-ionized)	0.18 mg N/L	Sous-traitance\Bio-Services Inc.	June 21, 2017
Nickel (Ni)	0.0216 mg/L	Sous-traitance\Multilab Direct	June 16, 2017
Dissolved Nickel (Ni)	0.0217 mg/L	Sous-traitance\Multilab Direct	June 16, 2017
Nitrate (NO ₃)	0.19 mg N/L	Sous-traitance\Multilab Direct	June 16, 2017
Nitrite (NO ₂)	0.02 mg N/L	Sous-traitance\Multilab Direct	June 16, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	June 21, 2017
Dissolved Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	June 21, 2017
Selenium (Se)	0.015 mg/L	Sous-traitance\Multilab Direct	June 16, 2017
Dissolved Selenium (Se)	0.018 mg/L	Sous-traitance\Multilab Direct	June 16, 2017
Dissolved Solids	2838 mg/L	M-TIT-1.0	June 14, 2017

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Analytical Report

Lab number: V-64299

Sample name: ST-S-5

Sampling location: ST-S-5

Sampling date: June 12, 2017

Sampling hour: 08:15

Parameter	Result	Method name	Analysis date
Sulfate (SO4)	1596 mg SO4/L	Sous-traitance\Multilab Direct	June 20, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Dissolved thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	June 20, 2017
Zinc (Zn)	<0.001 mg/L	Sous-traitance\Multilab Direct	June 16, 2017
Dissolved Zinc	<0.001 mg/L	Sous-traitance\Multilab Direct	June 16, 2017

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Detection limit

Lab number: V-64299

Sample name: ST-S-5

Sampling location: ST-S-5

Sampling date: June 12, 2017

Sampling hour: 08:15

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO ₃ /L	M-TIT-1.0	
Aluminium (Al)	0.006	mg/L	Sous-traitance	
Dissolved Aluminium (Al)	0.006	mg/L	Sous-traitance	
Silver (Ag)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Silver (Ag)	0.0001	mg/L	Sous-traitance	
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Arsenic (As)	0.0005	mg/L	Sous-traitance	
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Barium (Ba)	0.0005	mg/L	Sous-traitance	
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Dissolved Cadmium (Cd)	0.00002	mg/L	Sous-traitance	
Chloride	0.5	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Dissolved Chromium (Cr)	0.0006	mg/L	Sous-traitance	
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Copper (Cu)	0.0005	mg/L	Sous-traitance	
Cyanide W.A.D.	0.001	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO ₃ /L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes
Dissolved Iron (Fe)	0.01	mg/L	Sous-traitance	
Fluoride (F)	0.02	mg/L	Sous-traitance	Yes
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Manganese (Mn)	0.0005	mg/L	Sous-traitance	
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Dissolved Mercury (Hg)	0.00001	mg/L	Sous-traitance	
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Nickel (Ni)	0.0005	mg/L	Sous-traitance	
Nitrate (NO ₃)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO ₂)	0.01	mg N/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Dissolved Lead (Pb)	0.0003	mg/L	Sous-traitance	
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Dissolved Selenium (Se)	0.001	mg/L	Sous-traitance	
Dissolved Solids	1	mg/L	M-TIT-1.0	
Sulfate (SO ₄)	0.6	mg SO ₄ /L	Sous-traitance	Yes
Thallium (Tl)	0.0008	mg/L	Sous-traitance	

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

This report shall not be reproduced except in full without the written authority of the laboratory.



Detection limit

Lab number: V-64299

Sample name: ST-S-5

Sampling location: ST-S-5

Sampling date: June 12, 2017

Sampling hour: 08:15

Parameter	Value	Unit	Method	Accreditation
Dissolved thallium (Tl)	0.0008	mg/L	Sous-traitance	
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes
Dissolved Zinc	0.001	mg/L	Sous-traitance	

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Quality control Report

Lab number: V-64299

Sample name: ST-S-5

Sampling location: ST-S-5

Sampling date: June 12, 2017

Sampling hour: 08:15

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 146 Accuracy 99.3% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006
	Standard name C00-046-705_X_1000 Result 0.817 Accuracy 81.7% Limit 0.800 - 1.200
Dissolved Aluminium (Al) mg/L	Blank <0.006
	Standard name DMR-0219-2017-Eu Result 5.41 Accuracy 86.3% Limit 5.02 - 7.52
Silver (Ag) mg/L	Blank <0.0001
	Standard name DMR-0013-2017-Ag Result 0.0376 Accuracy 88.7% Limit 0.0339 - 0.0509
Dissolved Silver (Ag) mg/L	Blank <0.0001
	Standard name DMR-0013-2017-Ag Result 0.0383 Accuracy 90.3% Limit 0.0339 - 0.0509
Arsenic (As) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000 Result 0.0974 Accuracy 97.4% Limit 0.0700 - 0.1300
Dissolved Arsenic (As) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu Result 0.3238 Accuracy 86% Limit 0.199 - 0.369
Barium (Ba) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000 Result 0.0944 Accuracy 94.4% Limit 0.0800 - 0.1200
Dissolved Barium (Ba) mg/L	Blank <0.0005

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Quality control Report

Lab number: V-64299

Sample name: ST-S-5

Sampling location: ST-S-5

Sampling date: June 12, 2017

Sampling hour: 08:15

Parameter	
	Standard name DMR-0219-2017-Eu
	Result 2.603
	Accuracy 92.9%
	Limit 1.94 - 2.92
Cadmium (Cd) mg/L	Blank <0.00002
	Standard name C00-046-705_X_1000
	Result 0.09419
	Accuracy 94.2%
	Limit 0.0800 - 0.1200
Dissolved Cadmium (Cd) mg/L	Blank <0.00002
	Standard name DMR-0219-2017-Eu
	Result 0.90969
	Accuracy 99%
	Limit 0.721 - 1.081
Chloride mg/L	Blank <0.5
	Standard name DMR-0266-2017-Cl
	Result 103
	Accuracy 95.4%
	Limit 95 - 121
	Sample duplicate 98.9-98.8
Chrome (Cr) mg/L	Blank <0.0006
	Standard name C00-046-705_X_1000
	Result 0.0947
	Accuracy 94.7%
	Limit 0.0800 - 0.1200
Dissolved Chromium (Cr) mg/L	Blank <0.0006
	Standard name DMR-0219-2017-Eu
	Result 4.193
	Accuracy 96.5%
	Limit 3.24 - 4.86
Copper (Cu) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1010
	Accuracy 99%
	Limit 0.0800 - 0.1200
Dissolved Copper (Cu) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.534
	Accuracy 80.2%
	Limit 1.02 - 1.54

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Quality control Report

Lab number: V-64299

Sample name: ST-S-5

Sampling location: ST-S-5

Sampling date: June 12, 2017

Sampling hour: 08:15

Parameter	
Cyanide W.A.D. mg/L	Blank <0.001 Standard name DMR-0266-CNT Result 0.124 Accuracy 100% Limit 0.105 - 0.143
Total Cyanide (CNT) mg/L	Blank <0.001 Standard name DMR-0266-CNT Result 0.244 Accuracy 98.8% Limit 0.205 - 0.277
Iron (Fe) mg/L	Blank <0.01 Standard name C00-046-705_X_1000 Result 0.94 Accuracy 94% Limit 0.800 - 1.200
Dissolved Iron (Fe) mg/L	Blank <0.01 Standard name DMR-0219-2017-Eu Result 12.0 Accuracy 94.7% Limit 9.1 - 13.7
Fluoride (F) mg/L	Blank 0.02 Sample duplicate 0.47-0.47
Total Suspended Solids mg/L	Blank <1 Standard name STD-MES 25mg/L Result 24 Accuracy 96% Limit 19 - 31
Manganese (Mn) mg/L	Blank <0.0005 Standard name DMR-0219-2017-Eu Result 3.981 Accuracy 97.9% Limit 3.12 - 4.68
Dissolved Manganese (Mn) mg/L	Blank <0.0005 Standard name DMR-0219-2017-Eu Result 3.981 Accuracy 97.9% Limit 3.12 - 4.68
Mercury (Hg) mg/L	Blank <0.00001 Standard name DMR-0219-2017-HgEu Result 0.00050

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Quality control Report

Lab number: V-64299

Sample name: ST-S-5

Sampling location: ST-S-5

Sampling date: June 12, 2017

Sampling hour: 08:15

Parameter	
Dissolved Mercury (Hg) mg/L	Accuracy 71.4%
	Limit 0.00042 - 0.00098
	Blank <0.00001
	Standard name DMR-0219-2017-HgEu
	Result 0.00050
Molybdenum (Mo) mg/L	Accuracy 71.4%
	Limit 0.00042 - 0.00098
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0917
Dissolved Molybdenum (Mo) mg/	Accuracy 91.7%
	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 0.6143
Nickel (Ni) mg/L	Accuracy 86.8%
	Limit 0.566 - 0.850
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0969
Dissolved Nickel (Ni) mg/L	Accuracy 96.9%
	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.225
Nitrate (NO3) mg N/L Nitrite (NO2) mg N/L	Accuracy 92.5%
	Limit 0.91 - 1.37
	Blank <0.01
	Blank <0.01
	Standard name DMR-0219-2017-NO2
Result 2.71	
Lead (Pb) mg/L	Accuracy 100%
	Limit 2.30 - 3.12
	Blank <0.0003
	Standard name DMR-0219-2017-Eu
	Result 0.7985
Dissolved Lead (Pb) mg/L	Accuracy 88.4%
	Limit 0.722 - 1.084
	Blank <0.0003
	Standard name C00-046-705_X_1000

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Quality control Report

Lab number: V-64299

Sample name: ST-S-5

Sampling location: ST-S-5

Sampling date: June 12, 2017

Sampling hour: 08:15

Parameter	
Selenium (Se) mg/L	Result 0.0839
	Accuracy 83.9%
	Limit 0.0800 - 0.1200
	Blank <0.001
	Standard name C00-046-705_X_1000
Dissolved Selenium (Se) mg/L	Result 0.105
	Accuracy 95%
	Limit 0.0800 - 0.1200
	Blank <0.001
	Standard name DMR-0219-2017-Eu
Sulfate (SO4) mg SO4/L	Result 1.53
	Accuracy 86.7%
	Limit 1.08 - 1.62
	Blank <0.6
	Standard name DMR-0266-2017-SO4
Thallium (Tl) mg/L	Result 114
	Accuracy 92.7%
	Limit 114 - 132
	Blank <0.0008
	Standard name TI-S140909023-1000ppm
Dissolved thallium (Tl) mg/L	Result 1031
	Accuracy 96.9%
	Limit 800 - 1200
	Blank <0.0008
	Standard name TI-S140909023-1000ppm
Zinc (Zn) mg/L	Result 1034
	Accuracy 96.6%
	Limit 800 - 1200
	Blank <0.001
	Standard name C00-046-705_X_1000
Dissolved Zinc mg/L	Result 0.099
	Accuracy 99%
	Limit 0.0800 - 0.1200
	Blank <0.001
	Standard name DMR-0219-2017-Eu
	Result 4.94
	Accuracy 91.7%
	Limit 3.65 - 5.47

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Additional information

Lab number: V-64299
Sample name: ST-S-5
Sampling location: ST-S-5

Sampling date: June 12, 2017
Sampling hour: 08:15

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-CL-2.0	MA.300-Ions 1.3
M-CN-1.0	MA.300-CN 1.2
M-CI-1.0	MA.300-Anions 1.0
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-SULF-2.0	MA.300-Ions 1.3

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-64629

Sampling location: ST-EEM-2a N 65 04.11,74 W 95 58.51.01

Sampling date: June 19, 2017

Sample name: ST-EEM-2

Sampling hour: 09:30

Sampled by: Martin Theriault

Date received: June 20, 2017

Matrix: Waste Water

Drinking water distribution: **Vault**

Corrected certificate, replacing the certificate V-64629 done on July 24 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Lab number: V-64629

Sample name: ST-EEM-2

Sampling date: June 19, 2017

Sampling location: ST-EEM-2a N 65 04.11,74 W 95 58.51.01

Sampling hour: 09:30

Parameter	Result	Method name	Analysis date
Alkalinity	30 mg CaCO3/L	M-TIT-1.0	June 20, 2017
Aluminium (Al)	0.230 mg/L	Sous-traitance\Multilab Direct	June 22, 2017
Cadmium (Cd)	0.00003 mg/L	Sous-traitance\Multilab Direct	June 22, 2017
Hardness	38 mg CaCO3/L	Sous-traitance\Multilab Direct	June 22, 2017
Iron (Fe)	0.39 mg/L	Sous-traitance\Multilab Direct	June 22, 2017
Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	June 27, 2017
Molybdenum (Mo)	0.0037 mg/L	Sous-traitance\Multilab Direct	June 22, 2017
Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	June 22, 2017
Ammonia nitrogen (NH3-NH4)	0.54 mg N/L	Sous-traitance\H2Lab inc. (SAM)	June 21, 2017
Ammonia NH3 (non-ionized)	<0.01 mg N/L	Sous-traitance\H2Lab inc. (SAM)	June 22, 2017
Nitrate (NO3)	0.68 mg N/L	Sous-traitance\Multilab Direct	June 26, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Detection limit

Lab number: V-64629

Sample name: ST-EEM-2

Sampling date: June 19, 2017

Sampling location: ST-EEM-2a N 65 04.11,74 W 95 58.51.01

Sampling hour: 09:30

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO3/L	M-TIT-1.0	
Aluminium (Al)	0.006	mg/L	Sous-traitance	
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO3/L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Nitrate (NO3)	0.01	mg N/L	Sous-traitance	Yes

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Quality control Report

Lab number: V-64629

Sample name: ST-EEM-2

Sampling date: June 19, 2017

Sampling location: ST-EEM-2a N 65 04.11,74 W 95 58.51.01

Sampling hour: 09:30

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 145 Accuracy 100% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006 Standard name DMR-0219-2017-Eu Result 6.95 Accuracy 89.2% Limit 5.02 - 7.52
Cadmium (Cd) mg/L	Blank <0.00002 Standard name DMR-0219-2017-Eu Result 0.91274 Accuracy 98.7% Limit 0.721 - 1.081
Iron (Fe) mg/L	Blank <0.01 Standard name C00-046-705_X_1000 Result 1.09 Accuracy 91% Limit 0.800 - 1.200
Mercury (Hg) mg/L	Blank <0.00001 Standard name DMR-0219-2017-HgEu Result 0.00050 Accuracy 71.4% Limit 0.00042 - 0.00098
Molybdenum (Mo) mg/L	Blank <0.0005 Standard name DMR-0219-2017-Eu Result 0.6429 Accuracy 90.8% Limit 0.566 - 0.850
Selenium (Se) mg/L	Blank <0.001 Standard name DMR-0219-2017-Eu Result 1.41 Accuracy 95.6% Limit 1.08 - 1.62

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Additional information

Lab number: V-64629

Sample name: ST-EEM-2

Sampling date: June 19, 2017

Sampling location: ST-EEM-2a N 65 04.11,74 W 95 58.51.01

Sampling hour: 09:30

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-NITR-2.0	MA.300-NO3 2.0

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-64630

Sampling location: ST-10/N65 04.11.9 W95 59.52.7

Sampling date: June 19, 2017

Sample name: ST-10/ST-MMER-2

Sampling hour: 09:30

Sampled by: Martin Theriault

Date received: June 20, 2017

Matrix: Water

Drinking water distribution: **Vault**

Reported on: July 10, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Lab number: V-64630

Sample name: ST-10/ST-MMER-2

Sampling date: June 19, 2017

Sampling location: ST-10/N65 04.11.9 W95 59.52.7

Sampling hour: 09:30

Parameter	Result	Method name	Analysis date
Alkalinity	30 mg CaCO ₃ /L	M-TIT-1.0	June 20, 2017
Aluminium (Al)	0.218 mg/L	Sous-traitance\Multilab Direct	June 22, 2017
Dissolved Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	June 22, 2017
Antimony (Sb)	0.0002 mg/L	Sous-traitance\Multilab Direct	June 22, 2017
Dissolved Antimony (Sb)	0.0001 mg/L	Sous-traitance\Multilab Direct	June 22, 2017
Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	June 22, 2017
Dissolved Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	June 22, 2017
Barium (Ba)	0.0062 mg/L	Sous-traitance\Multilab Direct	June 22, 2017
Dissolved Barium (Ba)	0.0041 mg/L	Sous-traitance\Multilab Direct	June 22, 2017
Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	June 22, 2017
Dissolved Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	June 22, 2017
bicarbonate (HCO ₃)	30 mg CaCO ₃ /L	M-TIT-1.0	June 20, 2017
Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	June 22, 2017
Dissolved Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	June 22, 2017
Cadmium (Cd)	0.00003 mg/L	Sous-traitance\Multilab Direct	June 22, 2017
Dissolved Cadmium (Cd)	0.00002 mg/L	Sous-traitance\Multilab Direct	June 22, 2017
Calcium (Ca)	11.1 mg/L	Sous-traitance\Multilab Direct	June 22, 2017
Carbonate (CO ₃)	<2 mg CaCO ₃ /L	M-TIT-1.0	June 20, 2017
Dissolved Organic Carbon (D.O.C.)	3.7 mg/L	M-COT-1.0	June 20, 2017
Total Organic Carbon (T.O.C.)	4.6 mg/L	M-COT-1.0	June 20, 2017
Chloride	4.3 mg/L	Sous-traitance\Multilab Direct	June 22, 2017
Chrome (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	June 22, 2017
Dissolved Chromium (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	June 22, 2017
Copper (Cu)	0.0025 mg/L	Sous-traitance\Multilab Direct	June 22, 2017
Dissolved Copper (Cu)	0.0016 mg/L	Sous-traitance\Multilab Direct	June 22, 2017
Total Cyanide (CNT)	0.001 mg/L	Sous-traitance\Multilab Direct	June 23, 2017
Daphnia Magna		Sous-traitance\Maxxam	
- Toxic unit	See sub file	Sous-traitance\Maxxam	June 22, 2017
- CL50 à 48 heures	See sub file % v/v	Sous-traitance\Maxxam	June 22, 2017
Hardness	40 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	June 22, 2017
Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	June 22, 2017
dissolved Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	June 22, 2017
Iron (Fe)	0.36 mg/L	Sous-traitance\Multilab Direct	June 22, 2017
Dissolved Iron (Fe)	0.01 mg/L	Sous-traitance\Multilab Direct	June 22, 2017
Hydrocarbons (C10-C50)	<0.1 mg/L	M-HYD-2.0	June 22, 2017
Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	June 23, 2017
Dissolved Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	June 23, 2017
Total Suspended Solids	10 mg/L	M-SOLI-1.0	June 21, 2017
Magnesium (Mg)	3.07 mg/L	Sous-traitance\Multilab Direct	June 22, 2017
Manganese (Mn)	0.0605 mg/L	Sous-traitance\Multilab Direct	June 22, 2017

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Analytical Report

Lab number: V-64630

Sample name: ST-10/ST-MMER-2

Sampling date: June 19, 2017

Sampling location: ST-10/N65 04.11.9 W95 59.52.7

Sampling hour: 09:30

Parameter	Result	Method name	Analysis date
Dissolved Manganese (Mn)	0.0543 mg/L	Sous-traitance\Multilab Direct	June 22, 2017
Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	June 27, 2017
Dissolved Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	June 27, 2017
Molybdenum (Mo)	0.0036 mg/L	Sous-traitance\Multilab Direct	June 22, 2017
Dissolved Molybdenum (Mo)	0.0039 mg/L	Sous-traitance\Multilab Direct	June 22, 2017
Ammonia NH3 (non-ionized)	<0.05 mg N/L	Sous-traitance\Multilab Direct	June 29, 2017
Nickel (Ni)	0.0041 mg/L	Sous-traitance\Multilab Direct	June 22, 2017
Dissolved Nickel (Ni)	0.0034 mg/L	Sous-traitance\Multilab Direct	June 22, 2017
Nitrate (NO3)	0.94 mg N/L	Sous-traitance\Multilab Direct	June 21, 2017
Nitrite (NO2)	0.03 mg N/L	Sous-traitance\Multilab Direct	June 21, 2017
Ortho-Phosphate (O-PO4)	0.01 mg P/L	Sous-traitance\Multilab Direct	June 21, 2017
Lead (Pb)	0.0009 mg/L	Sous-traitance\Multilab Direct	June 22, 2017
Dissolved Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	June 22, 2017
Potassium (K)	1.5 mg/L	Sous-traitance\Multilab Direct	June 22, 2017
Radium (Ra 226)	0.003 Becquerels/L	M-RA-2.0	July 04, 2017
Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	June 22, 2017
Dissolved Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	June 22, 2017
Reactive silica (SiO2)	1.3 mg/L	Sous-traitance\Maxxam	June 27, 2017
Sodium (Na)	1.34 mg/L	Sous-traitance\Multilab Direct	June 22, 2017
Dissolved Solids	91 mg/L	M-TIT-1.0	June 20, 2017
Strontium (Sr)	0.067 mg/L	Sous-traitance\Multilab Direct	June 23, 2017
dissolved Strontium (Sr)	0.065 mg/L	Sous-traitance\Multilab Direct	June 23, 2017
Sulfate (SO4)	26.1 mg SO4/L	Sous-traitance\Multilab Direct	June 29, 2017
Thallium (TI)	<0.0008 mg/L	Sous-traitance\Multilab Direct	June 23, 2017
Dissolved thallium (TI)	<0.0008 mg/L	Sous-traitance\Multilab Direct	June 23, 2017
Titanium (Ti)	0.01 mg/L	Sous-traitance\Multilab Direct	June 22, 2017
Dissolved titanium (Ti)	<0.01 mg/L	Sous-traitance\Multilab Direct	June 22, 2017
Rainbow trout		Sous-traitance\Maxxam	
- Toxic unit	See sub file	Sous-traitance\Maxxam	June 22, 2017
- CL-50 à 96 heures	See sub file % v/v	Sous-traitance\Maxxam	June 22, 2017
Uranium (U)	0.001 mg/L	Sous-traitance\Multilab Direct	June 22, 2017
Dissolved Uranium (U)	0.001 mg/L	Sous-traitance\Multilab Direct	June 22, 2017
Vanadium (V)	0.00008 mg/L	Sous-traitance\Multilab Direct	June 22, 2017
Dissolved Vanadium	<0.0005 mg/L	Sous-traitance\Multilab Direct	June 22, 2017
Zinc (Zn)	0.002 mg/L	Sous-traitance\Multilab Direct	June 22, 2017
Dissolved Zinc	<0.001 mg/L	Sous-traitance\Multilab Direct	June 22, 2017
Ammonia nitrogen (NH3-NH4)	0.64 mg N/L	Sous-traitance\H2Lab inc. (SAM)	June 26, 2017
Kjeldahl nitrogen	0.86 mg N/L	Sous-traitance\H2Lab inc. (SAM)	June 26, 2017
Total Phosphorus (P)	<0.04 mg P/L	Sous-traitance\H2Lab inc. (SAM)	June 26, 2017

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Detection limit

Lab number: V-64630

Sample name: ST-10/ST-MMER-2

Sampling date: June 19, 2017

Sampling location: ST-10/N65 04.11.9 W95 59.52.7

Sampling hour: 09:30

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO3/L	M-TIT-1.0	
Aluminium (Al)	0.006	mg/L	Sous-traitance	
Dissolved Aluminium (Al)	0.006	mg/L	Sous-traitance	
Antimony (Sb)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Antimony (Sb)	0.0001	mg/L	Sous-traitance	
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Arsenic (As)	0.0005	mg/L	Sous-traitance	
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Barium (Ba)	0.0005	mg/L	Sous-traitance	
Beryllium (Be)	0.0005	mg/L	Sous-traitance	
Dissolved Beryllium (Be)	0.0005	mg/L	Sous-traitance	
bicarbonate (HCO3)	2	mg CaCO3/L	M-TIT-1.0	
Boron (B)	0.01	mg/L	Sous-traitance	Yes
Dissolved Boron (B)	0.01	mg/L	Sous-traitance	
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Dissolved Cadmium (Cd)	0.00002	mg/L	Sous-traitance	
Calcium (Ca)	0.03	mg/L	Sous-traitance	Yes
Carbonate (CO3)	2	mg CaCO3/L	M-TIT-1.0	
Dissolved Organic Carbon (D.O.C.)	0.2	mg/L	M-COT-1.0	--
Total Organic Carbon (T.O.C.)	0.2	mg/L	M-COT-1.0	Yes
Chloride	0.5	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Dissolved Chromium (Cr)	0.0006	mg/L	Sous-traitance	
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Copper (Cu)	0.0005	mg/L	Sous-traitance	
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Daphnia Magna			Sous-traitance	Yes
- Toxic unit	1		Sous-traitance	
- CL50 à 48 heures		% v/v	Sous-traitance	
Hardness	1	mg CaCO3/L	Sous-traitance	
Tin (Sn)	0.001	mg/L	Sous-traitance	Yes
dissolved Tin (Sn)	0.001	mg/L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes
Dissolved Iron (Fe)	0.01	mg/L	Sous-traitance	
Hydrocarbons (C10-C50)	0.1	mg/L	M-HYD-2.0	Yes
Lithium (Li)	0.005	mg/L	Sous-traitance	
Dissolved Lithium (Li)	0.005	mg/L	Sous-traitance	
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Magnesium (Mg)	0.02	mg/L	Sous-traitance	Yes
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Detection limit

Lab number: V-64630

Sample name: ST-10/ST-MMER-2

Sampling date: June 19, 2017

Sampling location: ST-10/N65 04.11.9 W95 59.52.7

Sampling hour: 09:30

Parameter	Value	Unit	Method	Accreditation
Dissolved Manganese (Mn)	0.0005	mg/L	Sous-traitance	
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Dissolved Mercury (Hg)	0.00001	mg/L	Sous-traitance	
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	
Ammonia NH3 (non-ionized)	0.01	mg N/L	Sous-traitance	-
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Nickel (Ni)	0.0005	mg/L	Sous-traitance	
Nitrate (NO3)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO2)	0.01	mg N/L	Sous-traitance	Yes
Ortho-Phosphate (O-PO4)	0.01	mg P/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Dissolved Lead (Pb)	0.0003	mg/L	Sous-traitance	
Potassium (K)	0.05	mg/L	Sous-traitance	
Radium (Ra 226)	0.002	Becquerels/L	M-RA-2.0	Yes
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Dissolved Selenium (Se)	0.001	mg/L	Sous-traitance	
Reactive silica (SiO2)		mg/L	Sous-traitance	
Sodium (Na)	0.05	mg/L	Sous-traitance	Yes
Dissolved Solids	1	mg/L	M-TIT-1.0	
Strontium (Sr)	0.005	mg/L	Sous-traitance	
dissolved Strontium (Sr)	0.005	mg/L	Sous-traitance	
Sulfate (SO4)	0.6	mg SO4/L	Sous-traitance	Yes
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Dissolved thallium (Tl)	0.0008	mg/L	Sous-traitance	
Titanium (Ti)	0.01	mg/L	Sous-traitance	
Dissolved titanium (Ti)	0.01	mg/L	Sous-traitance	
Rainbow trout			Sous-traitance	Yes
- Toxic unit	1		Sous-traitance	
- CL-50 à 96 heures		% v/v	Sous-traitance	
Uranium (U)	0.001	mg/L	Sous-traitance	
Dissolved Uranium (U)	0.001	mg/L	Sous-traitance	
Vanadium (V)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Vanadium	0.0005	mg/L	Sous-traitance	
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes
Dissolved Zinc	0.001	mg/L	Sous-traitance	
Kjeldahl nitrogen	0.7	mg N/L	Sous-traitance	
Total Phosphorus (P)	0.04	mg P/L	Sous-traitance	

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Quality control Report

Lab number: V-64630

Sample name: ST-10/ST-MMER-2

Sampling date: June 19, 2017

Sampling location: ST-10/N65 04.11.9 W95 59.52.7

Sampling hour: 09:30

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 145 Accuracy 100% Limit 123 - 167
Dissolved Aluminium (Al) mg/L	Blank <0.006 Standard name DMR-0219-2017-Eu Result 6.75 Accuracy 92.3% Limit 5.02 - 7.52
Antimony (Sb) mg/L	Blank <0.0001 Standard name C00-046-705_X_1000 Result 0.0099 Accuracy 99% Limit 0.0080 - 0.0120
Dissolved Antimony (Sb) mg/L	Blank <0.0001 Standard name DMR-0219-2017-Eu Result 0.1816 Accuracy 81.8% Limit 0.178 - 0.266
Dissolved Arsenic (As) mg/L	Blank <0.0005 Standard name DMR-0219-2017-Eu Result 0.3080 Accuracy 91.5% Limit 0.199 - 0.369
Dissolved Barium (Ba) mg/L	Blank <0.0005 Standard name DMR-0219-2017-Eu Result 2.366 Accuracy 97.4% Limit 1.94 - 2.92
Beryllium (Be) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0995 Accuracy 99.5% Limit 0.0800 - 0.1200
Dissolved Boron (B) mg/L	Blank <0.01 Standard name DMR-0219-2017-Eu Result 3.27 Accuracy 86.5% Limit 2.30 - 3.46
Dissolved Cadmium (Cd) mg/L	Blank <0.00002

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Quality control Report

Lab number: V-64630

Sample name: ST-10/ST-MMER-2

Sampling date: June 19, 2017

Sampling location: ST-10/N65 04.11.9 W95 59.52.7

Sampling hour: 09:30

Parameter	
	Standard name DMR-0219-2017-Eu
	Result 0.94727
	Accuracy 94.9%
	Limit 0.721 - 1.081
Dissolved Organic Carbon (D.O.C.)	Blank <0.2
	Standard name COD 10mg/L
	Result 11
	Accuracy 90%
	Limit 8 - 12
Total Organic Carbon (T.O.C.) m	Blank <0.2
	Standard name COT 10mg/L
	Result 11
	Accuracy 90%
	Limit 8 - 12
Chloride mg/L	Blank <0.5
	Standard name DMR-0266-2017-Cl
	Result 115
	Accuracy 93.5%
	Limit 95 - 121
Dissolved Chromium (Cr) mg/L	Blank <0.0006
	Standard name DMR-0219-2017-Eu
	Result 4.275
	Accuracy 94.4%
	Limit 3.24 - 4.86
Dissolved Copper (Cu) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.490
	Accuracy 83.6%
	Limit 1.02 - 1.54
Total Cyanide (CNT) mg/L	Blank <0.001
	Standard name DMR-0266-CNT
	Result 0.239
	Accuracy 99.2%
	Limit 0.205 - 0.277
dissolved Tin (Sn) mg/L	Blank <0.001
	Standard name DMR-0123-2016-Sn
	Result 0.662
	Accuracy 82.5%
	Limit 0.561 - 1.043
Iron (Fe) mg/L	Blank <0.01

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Quality control Report

Lab number: V-64630

Sample name: ST-10/ST-MMER-2

Sampling date: June 19, 2017

Sampling location: ST-10/N65 04.11.9 W95 59.52.7

Sampling hour: 09:30

Parameter

	Standard name C00-046-705_X_1000
	Result 1.09
	Accuracy 91%
	Limit 0.800 - 1.200
Hydrocarbons (C10-C50) mg/L	Standard name MR-0.625mg/L
	Result 0.500
	Accuracy 80%
	Limit 0.438 - 0.813
Hydrocarbons (C10-C50) mg/L	Blank <0.1
	Standard name C10C50-200ppm
	Result 1.20
	Accuracy 96%
	Limit 0.88 - 1.63
Lithium (Li) mg/L	Blank <0.005
	Standard name DMR-0219-2017-Eu
	Result 0.953
	Accuracy 87.4%
	Limit 0.677 - 1.015
Dissolved Lithium (Li) mg/L	Blank <0.005
	Standard name DMR-0219-2017-Eu
	Result 0.871
	Accuracy 97%
	Limit 0.677 - 1.015
Total Suspended Solids mg/L	Blank <1
	Standard name STD-MES 25mg/L
	Result 23
	Accuracy 92%
	Limit 19 - 31
Dissolved Manganese (Mn) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 4.095
	Accuracy 95%
	Limit 3.12 - 4.68
Mercury (Hg) mg/L	Blank <0.00001
	Standard name DMR-0219-2017-HgEu
	Result 0.00050
	Accuracy 71.4%
	Limit 0.00042 - 0.00098
Dissolved Mercury (Hg) mg/L	Blank <0.00001
	Standard name DMR-0219-2017-HgEu

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Quality control Report

Lab number: V-64630

Sample name: ST-10/ST-MMER-2

Sampling date: June 19, 2017

Sampling location: ST-10/N65 04.11.9 W95 59.52.7

Sampling hour: 09:30

Parameter	
	Result 0.00050
	Accuracy 71.4%
	Limit 0.00042 - 0.00098
Dissolved Molybdenum (Mo) mg/	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 0.6694
	Accuracy 94.5%
	Limit 0.566 - 0.850
Dissolved Nickel (Ni) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.208
	Accuracy 94%
	Limit 0.91 - 1.37
Nitrate (NO3) mg N/L	Blank <0.01
	Sample duplicate 0.94-0.99
Nitrite (NO2) mg N/L	Blank <0.01
	Standard name DMR-0266-2017-NO2-2
	Result 2.66
	Accuracy 98.2%
	Limit 2.30 - 3.12
	Sample duplicate 0.03-0.03
Ortho-Phosphate (O-PO4) mg P/	Blank <0.01
	Standard name DMR-0266-2017-OPO4
	Result 0.54
	Accuracy 91.5%
	Limit 0.52 - 0.66
Dissolved Lead (Pb) mg/L	Blank <0.0003
	Standard name DMR-0219-2017-Eu
	Result 0.8854
	Accuracy 98.1%
	Limit 0.722 - 1.084
Radium (Ra 226) Becquerels/L	Blank <0.002
	Standard name STD 54981
	Result 0.0700
	Accuracy 85.2%
	Limit 0.0699 - 0.0945
Dissolved Selenium (Se) mg/L	Blank <0.001
	Standard name DMR-0219-2017-Eu
	Result 1.46
	Accuracy 91.9%

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Quality control Report

Lab number: V-64630

Sample name: ST-10/ST-MMER-2

Sampling date: June 19, 2017

Sampling location: ST-10/N65 04.11.9 W95 59.52.7

Sampling hour: 09:30

Parameter	
Strontium (Sr) mg/L	Limit 1.08 - 1.62
	Blank <0.005
	Standard name DMR-0219-2017-Eu
	Result 1.15
	Accuracy 93.5%
dissolved Strontium (Sr) mg/L	Limit 0.98 - 1.48
	Blank <0.005
	Standard name DMR-0219-2017-Eu
	Result 1.15
	Accuracy 93.5%
Sulfate (SO4) mg SO4/L	Limit 0.98 - 1.48
	Blank <0.6
	Standard name DMR-0266-2017-SO4
	Result 116
	Accuracy 94.3%
Thallium (Tl) mg/L	Limit 114 - 132
	Blank <0.0008
	Standard name Tl-S140909023-1000ppm
	Result 842
	Accuracy 84.2%
Dissolved thallium (Tl) mg/L	Limit 800 - 1200
	Blank <0.0008
	Standard name Tl-S140909023-1000ppm
	Result 1000
	Accuracy 100%
Dissolved titanium (Ti) mg/L	Limit 800 - 1200
	Blank <0.01
Dissolved Uranium (U) mg/L	Blank <0.001
	Standard name DMR-0219-2017-Eu
	Result 1.76
	Accuracy 100%
	Limit 1.41 - 2.11
Dissolved Vanadium mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 2.071
	Accuracy 95.9%
	Limit 1.59 - 2.39
Dissolved Zinc mg/L	Blank <0.001
	Standard name DMR-0219-2017-Eu
	Result 5.05

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Additional information

Lab number: V-64630

Sample name: ST-10/ST-MMER-2

Sampling location: ST-10/N65 04.11.9 W95 59.52.7

Sampling date: June 19, 2017

Sampling hour: 09:30

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-CL-2.0	MA.300-Ions 1.3
M-CN-1.0	MA.300-CN 1.2
M-HYD-2.0	MA.400-HYD. 1.1
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-P-2.0	MA.303-P 1.1
M-RA-2.0	APHA 7500-Ra B et EPA P.13 (EMSL-CI)
M-SULF-2.0	MA.300-Ions 1.3

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Client : 6088 H2LAB

Job Number: B735273

Client Project Name & Number: -

Test Result:

96 hrs LC50 %v/v (95% CL): >100 (N/A) Statistical Method: Visual

Toxic Units: <1.0

Comment: non-toxic

Sample Name : 64630- ST-10/ST-MMER-2

Description: clear, semi-opaque, few suspended particles

Sample Matrix : WATER

Sample Collected: Jun 19, 2017 09:30 AM Sampling Method : Grab

Sample Number: ED5879-01

Sample Collected By: MARTIN THERIAULT Volume Received: 40l

Site Collection: ST-10/ST-MMER-2

Sample Received: Jun 21, 2017 09:00 AM pH: 7.2

Temp. Upon Arrival: 17 °C Storage: 2-6°C

Analysis Start : Jun 22, 2017 09:30 AM Temperature : 16 °C

Dissolved Oxygen: 9.5 mg/L

Sample Conductance: 139 µS/cm

Concentration	Temperature (°C)	pH (pH)	Conductivity (uS/cm)	Dissolved oxygen (mg/L)	Temperature (°C)	pH (pH)	Dissolved oxygen (mg/L)	Atypical Behaviour (#)	Atypical Behaviour (%)	Mortality (#)	Mortality (%)
%v/v	Initial	Initial	Initial	Initial	96 hrs	96 hr	96 hrs	24 hrs	24 hrs	24 hrs	24 hrs
0	16	7.1	165	9.7	15	7.2	10.0	0	0	0	0
6.25	16	7.1	164	9.8	15	7.2	10.0	0	0	0	0
12.5	16	7.1	162	9.8	15	7.2	9.9	0	0	0	0
25	16	7.1	158	9.7	15	7.2	10.0	0	0	0	0
50	16	7.1	152	9.7	15	7.2	10.0	0	0	0	0
100	15	7.1	139	9.6	15	7.1	9.8	0	0	0	0

Concentration	Atypical Behaviour (#)	Atypical Behaviour (%)	Mortality (#)	Mortality (%)	Atypical Behaviour (#)	Atypical Behaviour (%)	Mortality (#)	Mortality (%)	Atypical Behaviour (#)	Atypical Behaviour (%)	Mortality (#)	Mortality (%)
%v/v	48 hrs	48 hrs	48 hrs	48 hrs	72 hrs	72 hrs	72 hrs	72 hrs	96 hrs	96 hrs	96 hrs	96 hrs
0	0	0	0	0	0	0	0	0	0	0	0	0
6.25	0	0	0	0	0	0	0	0	0	0	0	0
12.5	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0
50	0	0	0	0	0	0	0	0	0	0	0	0
100	0	0	0	0	0	0	0	0	0	0	0	0

Comments : No discrepancies observed during the test. Version 2 - report in English.

Culture/Control/Dilution Water

Dechlorinated municipal tap water

Hardness:

94 mg/l CaCO₃

Other parameters available on request.

Test Conditions

Test concentration : 0,6.25,12.5,25,50,100 (%v/v)

Organisms per Vessel : 10

Test Temperature : 15 ± 1 °C

Solution Depth : 20 cm

Total # of Organisms Used : 60

Pre-aeration Time : 30 min.

Rate of Aeration : 6.5±1 mL/min/L

Test Volume : 16 L

Vessel Volume : 20L

Test pH Adjusted: No

Loading Density : 0.3 g/L

Photoperiod : 16 hours of light; 8 hours of darkness

Type de réservoir d'essai:

20L glass aquarium with polyethylene bag.

The results contained in this report refer only to the testing of the sample submitted. This report may not be reproduced, except in its entirety, without the written approval of the laboratory.

Client : 6088 H2LAB
Client Project Name & Number: -

Job Number: B735273
Sample Number: ED5879-01

Test Organism : Rainbow Trout (*Oncorhynchus mykiss*) Source : Piscicultures Les Arpents Verts
Culture Temperature : 15 ± 2 °C **Weight (Mean) +- SD :** 0.5 ± 0.1 g **Length (Mean) +- SD :** 3.67 ± 0.20 cm
Culture Water Renewal : 2 liters/min **Weight (Range) :** 0.3 ± 0.6 g **Length (Range) :** 3.30 – 4.00 cm
Culture Photoperiod : 16 hours of light; 8 hours of darkness **% Mortality within 7 days :** 0.1%
Feeding rate and frequency : 1-2x a day; 1-5% of the body weights. **Acclimation Time:** >14 days

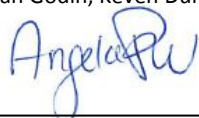
Reference chemical: Phenol Test Date: Jun 19, 2017
Test Endpoint 96 hrs LC50 (95% confidence interval) : 9.43 (6.00, 13.0)mg/L **Statistical Method :** Binomial
Historical Mean LC50 (warning limits) : 10.5 (7.97, 13.7) mg/L **Concentration :** 0,4,6,9,13,18 mg/L

Test Method QUE SOP - 00408. Reference Method for Determining Acute Lethality of Effluents to Rainbow Trout. EPS1/RM/13 - Second Edition. Environment Canada. 2000. (Including Amendments: May 2007).

This is essentially a 96H static test. Ten individuals are submitted to different effluent concentrations in order to measure the LC50 in controlled temperature, light intensity and loading density.

Method Deviations : No change was made to the method.

Analyst : Christian Godin, Keven Dumas, Olivier Roberge



Verified By : Angela Paquet-Walsh, Analyst 1

Date: Jul 13, 2017 12:03 PM

Client : 6088 H2LAB

Job Number: B735273

Client Project Name & Number: -

No. d'échantillon : ED5879-02

Test Result:

48 hrs LC50 %v/v (95% CL): >100 (N/A) Statistical Method: Visual

Toxic Units: <1.0

48 hrs EC50 %v/v (95% CL): >100 (N/A) Statistical Method: Visual

Comment: non-toxic

Sample Name : 64630- ST-10/ST-MMER-2

Sample Matrix : WATER

Description: Incolor, translucent, inodor, few solids present

Sample Prior to Analysis:

Sample Collected: Jun 19, 2017 09:30 AM

Sampling Method : Grab

pH: 7.2

Sample Collected By: MARTIN THERIAULT

Site Collection: ST-10/ST-MMER-2

Temperature : 22 °C

Sample Received: Jun 21, 2017 09:00 AM

Volume Received: 1 L

Dissolved Oxygen: 8.6 mg/L

Analysis Start : Jun 22, 2017 12:45 PM

Temp.Upon Arrival: 17 °C

Sample Conductance: 137 µS/cm

End : Jun 24, 2017 12:45 PM

Storage: 2-6°C

Hardness: 57 mg CaCO₃/L

Concentration	Temperature (°C)	pH (pH)	Conductivity (uS/cm)	Dissolved oxygen (mg/L)	Temperature (°C)	pH (pH)	Dissolved oxygen (mg/L)	Immobility (#)	Immobility (%)	Mortality (#)	Mortality (%)
%v/v	Initial	Initial	Initial	Initial	48 hrs	48 hr	48 hrs	48 hrs	48 hrs	48 hrs	48 hrs
0	21	7.9	471	7.9	21	7.8	8.3	0	0	0	0
6.25	22	7.9	462	7.9	20	7.8	8.3	0	0	0	0
12.5	22	7.9	445	7.9	20	7.8	8.5	0	0	0	0
25	22	7.9	407	7.9	20	7.8	8.5	0	0	0	0
50	21	7.9	322	8.1	19	7.8	8.6	0	0	0	0
100	21	8.0	142	8.4	20	7.9	8.4	0	0	0	0

Comments : No discrepancies observed during the test. Version 2 - Report in English.

Culture/Control/Dilution Water:

Reconstituted water for Daphnia

Hardness:

170 mg/l CaCO₃

Other parameters available on request.

Test Conditions

Test concentration : 0,6.25,12.5,25,50,100 (%v/v)

Organisms per Vessel : 10

Pre-aeration Time : 0 min

Rate of Pre-aeration : 40±5 mL/min/L

Total # of Organisms Used : 60

Test Temperature : 20 ± 2 °C

Test Hardness Adjusted : No

Test Volume : 150 mL

Vessel Volume : 270 ml

Test pH Adjusted: No

Loading Density : 15.0 mL/Daphnia

Photoperiod : 16 hours of light; 8 hours of darkness

Test Organism :

Daphnia magna

Source : Maxxam Lab Culture

Age at Test Initiation : <24 hres

<24 hres

Average Brood Size : 20.3

Culture Photoperiod : 16 hours of light; 8 hours of darkness

16 hours of light; 8 hours of darkness

% Mortality within 7 days : 4.3

Culture Temperature : 20 ± 2 °C

20 ± 2 °C

Time To First Brood : 8 Days

Culture Diet

Fed once a day.

Reference chemical:

Potassium Dichromate

Test Date:

Jun 20, 2017

Test Endpoint 48 hrs LC50 (95% confidence interval) :

0.25 (0.13, 0.50)mg/L

Statistical Method :

Binomial

Historical Mean LC50 (warning limits) :

0.20 (0.12, 0.35) mg/L

Concentration : 0,0.0625,0.125,0.25,0.5,1 mg/L

Test Method

QUE SOP-00406. Reference Method for Determining Acute Lethality of Effluents to Daphnia magna. EPS1/RM/14 - Second Edition. Environment Canada. 2000.

This is essentially a 48H static test. Ten individuals are submitted to different effluent concentrations in order to measure the LC50 in controlled temperature, light intensity and loading density.

Method Deviations:

No change was made to the method.

The results contained in this report refer only to the testing of the sample submitted. This report may not be reproduced, except in its entirety, without the written approval of the laboratory.

Client : 6088 H2LAB

Job Number: B735273

Client Project Name & Number: -

No. d'échantillon : ED5879-02

Analyst : Alexandra Côté, Angela Paquet-Walsh, Roxane Champagne



Verified By : Angela Paquet-Walsh, Analyst 1

Date: Jul 13, 2017 12:03 PM

The results contained in this report refer only to the testing of the sample submitted. This report may not be reproduced, except in its entirety, without the written approval of the laboratory.



Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-64976

Sampling location: Dogleg - North KIA

Sampling date: June 26, 2017

Sample name: Dogleg - North KIA

Sampling hour: 17:00

Sampled by: Fanny Laporte, Mhaly BC

Date received: June 28, 2017

Matrix: Water

Drinking water distribution:

Reported on: July 24, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Lab number: V-64976

Sample name: Dogleg - North KIA

Sampling date: June 26, 2017

Sampling location: Dogleg - North KIA

Sampling hour: 17:00

Parameter	Result	Method name	Analysis date
Alkalinity	31 mg CaCO ₃ /L	M-TIT-1.0	June 28, 2017
Aluminium (Al)	0.026 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Antimony (Sb)	<0.0001 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Antimony (Sb)	<0.0001 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	<0.05 mg N/L	Sous-traitance\H2Lab inc. (SAM)	July 04, 2017
Kjeldahl nitrogen	<0.7 mg N/L	Sous-traitance\H2Lab inc. (SAM)	July 05, 2017
Barium (Ba)	0.0025 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Barium (Ba)	0.0011 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
bicarbonate (HCO ₃)	31 mg CaCO ₃ /L	M-TIT-1.0	June 28, 2017
Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Bromides	0.02 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Calcium (Ca)	9.37 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Carbonate (CO ₃)	<2 mg CaCO ₃ /L	M-TIT-1.0	June 28, 2017
Dissolved Organic Carbon (D.O.C.)	4.4 mg/L	M-COT-1.0	June 28, 2017
Total Organic Carbon (T.O.C.)	5.1 mg/L	M-COT-1.0	June 28, 2017
Chlorophyll A	2.3 µg/L	Sous-traitance\H2Lab inc. (SAM)	July 18, 2017
Chloride	4.6 mg/L	Sous-traitance\Multilab Direct	June 29, 2017
Chrome (Cr)	0.0006 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Chromium (Cr)	0.0011 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Cobalt (Co)	<0.0005 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Cobalt (Co)	<0.0005 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Conductivity	107 µmhos/cm	M-TIT-1.0	June 28, 2017
Colour	5 Colour units	Sous-traitance\Multilab Direct	June 29, 2017
Copper (Cu)	0.0009 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Copper (Cu)	0.0007 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Cyanide W.A.D.	<0.001 mg/L	Sous-traitance\Multilab Direct	June 29, 2017
Total Cyanide (CNT)	<0.001 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Hardness	37 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	June 30, 2017
Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
dissolved Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	June 30, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Analytical Report

Lab number: V-64976

Sample name: Dogleg - North KIA

Sampling date: June 26, 2017

Sampling location: Dogleg - North KIA

Sampling hour: 17:00

Parameter	Result	Method name	Analysis date
Iron (Fe)	0.11 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Iron (Fe)	0.02 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Fluoride (F)	0.13 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Total Suspended Solids	2 mg/L	M-SOLI-1.0	June 29, 2017
Magnesium (Mg)	3.45 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Manganese (Mn)	0.015 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Manganese (Mn)	0.0078 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	July 04, 2017
Dissolved Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	July 04, 2017
Molybdenum (Mo)	<0.0005 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Molybdenum (Mo)	<0.0005 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Ammonia NH3 (non-ionized)	<0.05 mg N/L	Sous-traitance\H2Lab inc. (SAM)	July 04, 2017
Nickel (Ni)	0.0015 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Nickel (Ni)	0.0013 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Nitrate (NO3)	0.04 mg N/L	Sous-traitance\Multilab Direct	June 29, 2017
Nitrite (NO2)	<0.01 mg N/L	Sous-traitance\Multilab Direct	June 29, 2017
Ortho-Phosphate (O-PO4)	<0.01 mg P/L	Sous-traitance\Multilab Direct	June 29, 2017
Dissolved oxygen	10.2 mg/L	Sous-traitance\Multilab Direct	June 29, 2017
pH	7.59	M-TIT-1.0	June 28, 2017
Total Phosphorus (P)	0.0073 mg P/L	Sous-traitance\H2Lab inc. (SAM)	July 13, 2017
Lead (Pb)	0.0005 mg/L	Sous-traitance\Multilab Direct	July 05, 2017
Dissolved Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	July 05, 2017
Potassium (K)	1.2 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Reactive silica (SiO2)	0.69 mg/L	Sous-traitance\Maxxam	July 04, 2017
Sodium (Na)	2.8 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Solids	71 mg/L	M-TIT-1.0	June 28, 2017
Strontium (Sr)	0.041 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
dissolved Strontium (Sr)	0.036 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Sulfate (SO4)	17.9 mg SO4/L	Sous-traitance\Multilab Direct	July 07, 2017
Tellurium (Te)	<0.0005 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Thiocyanate (SCN)	<0.05 mg SCN/L	Sous-traitance\Multilab Direct	July 07, 2017
Thiosulfates (S2O3)	<0.02 mg S2O3/L	Sous-traitance\Multilab Direct	July 05, 2017
Titanium (Ti)	<0.01 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved titanium (Ti)	<0.01 mg/L	Sous-traitance\Multilab Direct	June 30, 2017

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Analytical Report

Lab number: V-64976

Sample name: Dogleg - North KIA

Sampling date: June 26, 2017

Sampling location: Dogleg - North KIA

Sampling hour: 17:00

Parameter	Result	Method name	Analysis date
Turbidity	1.93 NTU	Sous-traitance\Multilab Direct	June 29, 2017
Uranium (U)	<0.001 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Uranium (U)	<0.001 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Vanadium (V)	<0.0005 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Vanadium	<0.0005 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Zinc (Zn)	<0.001 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Zinc	0.001 mg/L	Sous-traitance\Multilab Direct	June 30, 2017

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Detection limit

Lab number: V-64976

Sample name: Dogleg - North KIA

Sampling date: June 26, 2017

Sampling location: Dogleg - North KIA

Sampling hour: 17:00

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO3/L	M-TIT-1.0	
Aluminium (Al)	0.006	mg/L	Sous-traitance	
Dissolved Aluminium (Al)	0.006	mg/L	Sous-traitance	
Antimony (Sb)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Antimony (Sb)	0.0001	mg/L	Sous-traitance	
Silver (Ag)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Silver (Ag)	0.0001	mg/L	Sous-traitance	
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Arsenic (As)	0.0005	mg/L	Sous-traitance	
Kjeldahl nitrogen	0.07	mg N/L	Sous-traitance	
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Barium (Ba)	0.0005	mg/L	Sous-traitance	
Beryllium (Be)	0.0005	mg/L	Sous-traitance	
Dissolved Beryllium (Be)	0.0005	mg/L	Sous-traitance	
bicarbonate (HCO3)	2	mg CaCO3/L	M-TIT-1.0	
Boron (B)	0.01	mg/L	Sous-traitance	Yes
Dissolved Boron (B)	0.01	mg/L	Sous-traitance	
Bromides	0.01	mg/L	Sous-traitance	
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Dissolved Cadmium (Cd)	0.00002	mg/L	Sous-traitance	
Calcium (Ca)	0.03	mg/L	Sous-traitance	Yes
Carbonate (CO3)	2	mg CaCO3/L	M-TIT-1.0	
Dissolved Organic Carbon (D.O.C.)	0.2	mg/L	M-COT-1.0	--
Total Organic Carbon (T.O.C.)	0.2	mg/L	M-COT-1.0	Yes
Chlorophyll A	0.13	µg/L	Sous-traitance	
Chloride	0.5	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Dissolved Chromium (Cr)	0.0006	mg/L	Sous-traitance	
Cobalt (Co)	0.0005	mg/L	Sous-traitance	
Dissolved Cobalt (Co)	0.0005	mg/L	Sous-traitance	
Conductivity	1	µmhos/cm	M-TIT-1.0	Yes
Colour	1	UCV	Sous-traitance	Yes
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Copper (Cu)	0.0005	mg/L	Sous-traitance	
Cyanide W.A.D.	0.001	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO3/L	Sous-traitance	
Tin (Sn)	0.001	mg/L	Sous-traitance	Yes
dissolved Tin (Sn)	0.001	mg/L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes

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Detection limit

Lab number: V-64976

Sample name: Dogleg - North KIA

Sampling date: June 26, 2017

Sampling location: Dogleg - North KIA

Sampling hour: 17:00

Parameter	Value	Unit	Method	Accreditation
Dissolved Iron (Fe)	0.01	mg/L	Sous-traitance	
Fluoride (F)	0.02	mg/L	Sous-traitance	Yes
Lithium (Li)	0.005	mg/L	Sous-traitance	
Dissolved Lithium (Li)	0.005	mg/L	Sous-traitance	
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Magnesium (Mg)	0.02	mg/L	Sous-traitance	Yes
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Manganese (Mn)	0.0005	mg/L	Sous-traitance	
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Dissolved Mercury (Hg)	0.00001	mg/L	Sous-traitance	
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Nickel (Ni)	0.0005	mg/L	Sous-traitance	
Nitrate (NO3)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO2)	0.01	mg N/L	Sous-traitance	Yes
Ortho-Phosphate (O-PO4)	0.01	mg P/L	Sous-traitance	Yes
Dissolved oxygen	0.1	mg/L	Sous-traitance	
pH			M-TIT-1.0	Yes
Total Phosphorus (P)	0.001	mg P/L	Sous-traitance	
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Dissolved Lead (Pb)	0.0003	mg/L	Sous-traitance	
Potassium (K)	0.05	mg/L	Sous-traitance	
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Dissolved Selenium (Se)	0.001	mg/L	Sous-traitance	
Reactive silica (SiO2)		mg/L	Sous-traitance	
Sodium (Na)	0.05	mg/L	Sous-traitance	Yes
Dissolved Solids	1	mg/L	M-TIT-1.0	
Strontium (Sr)	0.005	mg/L	Sous-traitance	
dissolved Strontium (Sr)	0.005	mg/L	Sous-traitance	
Sulfate (SO4)	0.6	mg SO4/L	Sous-traitance	Yes
Tellurium (Te)	0.0005	mg/L	Sous-traitance	
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Dissolved thallium (Tl)	0.0008	mg/L	Sous-traitance	
Thiocyanate (SCN)	0.05	mg SCN/L	Sous-traitance	Yes
Thiosulfates (S2O3)	0.02	mg S2O3/L	Sous-traitance	Yes
Titanium (Ti)	0.01	mg/L	Sous-traitance	
Dissolved titanium (Ti)	0.01	mg/L	Sous-traitance	
Turbidity	0.02	UTN	Sous-traitance	Yes
Uranium (U)	0.001	mg/L	Sous-traitance	

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Detection limit

Lab number: V-64976

Sample name: Dogleg - North KIA

Sampling date: June 26, 2017

Sampling location: Dogleg - North KIA

Sampling hour: 17:00

Parameter	Value	Unit	Method	Accreditation
Dissolved Uranium (U)	0.001	mg/L	Sous-traitance	
Vanadium (V)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Vanadium	0.0005	mg/L	Sous-traitance	
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes
Dissolved Zinc	0.001	mg/L	Sous-traitance	

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Quality control Report

Lab number: V-64976

Sample name: Dogleg - North KIA

Sampling date: June 26, 2017

Sampling location: Dogleg - North KIA

Sampling hour: 17:00

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 143 Accuracy 98.6% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006
	Standard name C00-046-705_X_1000 Result 1.17 Accuracy 83% Limit 0.800 - 1.200
Dissolved Aluminium (Al) mg/L	Blank <0.006
	Standard name DMR-0219-2017-Eu Result 7.31 Accuracy 83.4% Limit 5.02 - 7.52
Antimony (Sb) mg/L	Blank <0.0001
	Standard name C00-046-705_X_1000 Result 0.0099 Accuracy 99% Limit 0.0080 - 0.0120
Dissolved Antimony (Sb) mg/L	Blank <0.0001
	Standard name DMR-0219-2017-Eu Result 0.1909 Accuracy 86% Limit 0.178 - 0.266
Silver (Ag) mg/L	Blank <0.0001
	Standard name DMR-0013-2017-Ag Result 0.0444 Accuracy 95.3% Limit 0.0339 - 0.0509
Dissolved Silver (Ag) mg/L	Blank <0.0001
	Standard name DMR-0013-2017-Ag Result 0.0480 Accuracy 86.8% Limit 0.0339 - 0.0509
Arsenic (As) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000 Result 0.1012 Accuracy 98.8% Limit 0.0700 - 0.1300
Dissolved Arsenic (As) mg/L	Blank <0.0005

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Quality control Report

Lab number: V-64976

Sample name: Dogleg - North KIA

Sampling date: June 26, 2017

Sampling location: Dogleg - North KIA

Sampling hour: 17:00

Parameter	
	Standard name DMR-0219-2017-Eu
	Result 0.3091
	Accuracy 91.2%
	Limit 0.199 - 0.369
Barium (Ba) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0981
	Accuracy 98.1%
	Limit 0.0800 - 0.1200
Dissolved Barium (Ba) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 2.621
	Accuracy 92.1%
	Limit 1.94 - 2.92
Beryllium (Be) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1108
	Accuracy 89.2%
	Limit 0.0800 - 0.1200
Dissolved Beryllium (Be) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.793
	Accuracy 94.5%
	Limit 1.36 - 2.04
Boron (B) mg/L	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.15
	Accuracy 85%
	Limit 0.800 - 1.200
Dissolved Boron (B) mg/L	Blank <0.01
	Standard name DMR-0219-2017-Eu
	Result 3.19
	Accuracy 89.2%
	Limit 2.30 - 3.46
Bromides mg/L	Standard name DMR-0119-2017-Br
	Result 5.01
	Accuracy 89%
	Limit 4.50 - 6.76
Cadmium (Cd) mg/L	Blank <0.00002
	Standard name C00-046-705_X_1000

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Quality control Report

Lab number: V-64976

Sample name: Dogleg - North KIA

Sampling date: June 26, 2017

Sampling location: Dogleg - North KIA

Sampling hour: 17:00

Parameter	
	Result 0.10083
	Accuracy 99.2%
	Limit 0.0800 - 0.1200
Dissolved Cadmium (Cd) mg/L	Blank <0.00002
	Standard name DMR-0219-2017-Eu
	Result 1.0003
	Accuracy 89%
	Limit 0.721 - 1.081
Calcium (Ca) mg/L	Blank <0.03
	Standard name C00-046-705_X_1000
	Result 0.97
	Accuracy 97%
	Limit 0.800 - 1.200
Dissolved Organic Carbon (D.O.C.) mg/L	Blank <0.2
	Standard name COD 10mg/L
	Result 12
	Accuracy 80%
	Limit 8 - 12
Total Organic Carbon (T.O.C.) mg/L	Blank <0.2
	Standard name COT 10mg/L
	Result 12
	Accuracy 80%
	Limit 8 - 12
Chloride mg/L	Blank <0.5
	Standard name DMR-0266-2017-Cl
	Result 113
	Accuracy 95.4%
	Limit 95 - 121
Chrome (Cr) mg/L	Blank <0.0006
	Standard name C00-046-705_X_1000
	Result 0.1061
	Accuracy 93.9%
	Limit 0.0800 - 0.1200
Dissolved Chromium (Cr) mg/L	Blank <0.0006
	Standard name DMR-0219-2017-Eu
	Result 4.836
	Accuracy 80.6%
	Limit 3.24 - 4.86
Cobalt (Co) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000

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Quality control Report

Lab number: V-64976

Sample name: Dogleg - North KIA

Sampling date: June 26, 2017

Sampling location: Dogleg - North KIA

Sampling hour: 17:00

Parameter	
Dissolved Cobalt (Co) mg/L	Result 0.1044
	Accuracy 95.6%
	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name DMR-0219-2017-Eu
Conductivity µmhos/cm	Result 1.743
	Accuracy 88.3%
	Limit 1.25 - 1.87
	Standard name STD cond maison
	Result 1410
Colour UCV	Accuracy 99.6%
	Limit 1203 - 1627
	Blank <1
	Standard name DMR-0266-2017-Coul
	Result 20
Copper (Cu) mg/L	Accuracy 95.3%
	Limit 14.8 - 23.4
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.106
Dissolved Copper (Cu) mg/L	Accuracy 94%
	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.523
Cyanide W.A.D. mg/L	Accuracy 81%
	Limit 1.02 - 1.54
	Blank <0.001
	Standard name DMR-0266-CNT
	Result 0.120
Total Cyanide (CNT) mg/L	Accuracy 96.8%
	Limit 0.105 - 0.143
	Blank <0.001
	Standard name DMR-0266-CNT
	Result 0.239
Tin (Sn) mg/L	Accuracy 99.2%
	Limit 0.205 - 0.277
	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.097

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Quality control Report

Lab number: V-64976

Sample name: Dogleg - North KIA

Sampling date: June 26, 2017

Sampling location: Dogleg - North KIA

Sampling hour: 17:00

Parameter	
dissolved Tin (Sn) mg/L	Accuracy 97%
	Limit 0.0800 - 0.1200
	Blank <0.001
	Standard name DMR-0123-2016-Sn
	Result 0.801
Iron (Fe) mg/L	Accuracy 99.9%
	Limit 0.561 - 1.043
	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.12
Dissolved Iron (Fe) mg/L	Accuracy 88%
	Limit 0.800 - 1.200
	Blank <0.01
	Standard name DMR-0219-2017-Eu
	Result 13.5
Fluoride (F) mg/L	Accuracy 81.6%
	Limit 9.1 - 13.7
	Blank <0.02
	Standard name DMR-0266-2017-F
	Result 2.40
Lithium (Li) mg/L	Accuracy 95.7%
	Limit 2.13 - 2.47
	Standard name DMR-0219-2017-Eu
	Result 0.754
	Accuracy 89.1%
Dissolved Lithium (Li) mg/L	Limit 0.677 - 1.015
	Blank <0.005
	Standard name DMR-0219-2017-Eu
	Result 0.797
	Accuracy 94.2%
Total Suspended Solids mg/L	Limit 0.677 - 1.015
	Blank <1
	Standard name STD-MES 25mg/L
	Result 27
	Accuracy 92%
Magnesium (Mg) mg/L	Limit 19 - 31
	Blank <0.02
	Standard name C00-046-705_X_1000
	Result 1.11
	Accuracy 89%

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Quality control Report

Lab number: V-64976

Sample name: Dogleg - North KIA

Sampling date: June 26, 2017

Sampling location: Dogleg - North KIA

Sampling hour: 17:00

Parameter	
Manganese (Mn) mg/L	Limit 0.800 - 1.200
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1095
	Accuracy 90.5%
Dissolved Manganese (Mn) mg/L	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 4.600
	Accuracy 82.1%
Mercury (Hg) mg/L	Limit 3.12 - 4.68
	Blank <0.00001
	Standard name DMR-0219-2017-HgEu
	Result 0.00062
	Accuracy 88.6%
Dissolved Mercury (Hg) mg/L	Limit 0.00042 - 0.00098
	Blank <0.00001
	Standard name DMR-0219-2017-HgEu
	Result 0.00058
	Accuracy 82.9%
Molybdenum (Mo) mg/L	Limit 0.00042 - 0.00098
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0978
	Accuracy 97.8%
Dissolved Molybdenum (Mo) mg/L	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 0.6698
	Accuracy 94.6%
Nickel (Ni) mg/L	Limit 0.566 - 0.850
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1067
	Accuracy 93.3%
Dissolved Nickel (Ni) mg/L	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.238
	Accuracy 91.4%

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Quality control Report

Lab number: V-64976

Sample name: Dogleg - North KIA

Sampling date: June 26, 2017

Sampling location: Dogleg - North KIA

Sampling hour: 17:00

Parameter	
	Limit 0.91 - 1.37
Nitrate (NO3) mg N/L	Blank <0.01
Nitrite (NO2) mg N/L	Blank <0.01
	Standard name DMR-0266-2017-NO2-2
	Result 2.66
	Accuracy 98.2%
	Limit 2.30 - 3.12
Ortho-Phosphate (O-PO4) mg P/	Blank <0.01
	Standard name DMR-0266-2017-OPO4
	Result 0.59
	Accuracy 100%
	Limit 0.52 - 0.66
pH	Standard name STD pH 7.0
	Result 7.01
	Accuracy 99.9%
	Limit 6.96 - 7.04
Lead (Pb) mg/L	Blank <0.0003
	Standard name DMR-0219-2017-Eu
	Result 0.9036
	Accuracy 99.9%
	Limit 0.722 - 1.084
Dissolved Lead (Pb) mg/L	Blank <0.0003
	Standard name DMR-0219-2017-Eu
	Result 0.9183
	Accuracy 98.3%
	Limit 0.722 - 1.084
Potassium (K) mg/L	Blank <0.05
	Standard name C00-046-705_X_1000
	Result 1.07
	Accuracy 93%
	Limit 0.800 - 1.200
Selenium (Se) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.1
	Accuracy 100%
	Limit 0.0800 - 0.1200
Dissolved Selenium (Se) mg/L	Blank <0.001
	Standard name DMR-0219-2017-Eu
	Result 1.47
	Accuracy 91.1%

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Quality control Report

Lab number: V-64976

Sample name: Dogleg - North KIA

Sampling date: June 26, 2017

Sampling location: Dogleg - North KIA

Sampling hour: 17:00

Parameter	
Sodium (Na) mg/L	Limit 1.08 - 1.62 Blank <0.05 Standard name C00-046-705_X_1000 Result 1.19 Accuracy 81%
Strontium (Sr) mg/L	Limit 0.800 - 1.200 Standard name DMR-0219-2017-Eu Result 1.29 Accuracy 95.1%
dissolved Strontium (Sr) mg/L	Limit 0.98 - 1.48 Blank <0.005 Standard name DMR-0219-2017-Eu Result 1.28 Accuracy 95.9%
Sulfate (SO4) mg SO4/L	Limit 0.98 - 1.48 Blank <0.6 Standard name DMR-0266-2017-SO4 Result 116 Accuracy 94.3%
Tellurium (Te) mg/L	Limit 114 - 132 Sample duplicate 17.9-17.7 Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1011 Accuracy 98.9%
Thallium (Tl) mg/L	Limit 0.0800 - 0.1200 Standard name Tl-S140909023-1000ppm Result 923 Accuracy 92.3%
Dissolved thallium (Tl) mg/L	Limit 800 - 1200 Blank <0.0008 Standard name Tl-S140909023-1000ppm Result 935 Accuracy 93.5%
Thiocyanate (SCN) mg SCN/L	Limit 800 - 1200 Blank <0.05 Standard name STD SCN 568ppm Result 616 Accuracy 91.5%
	Limit 398 - 738

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Quality control Report

Lab number: V-64976

Sample name: Dogleg - North KIA

Sampling date: June 26, 2017

Sampling location: Dogleg - North KIA

Sampling hour: 17:00

Parameter	
Thiosulfates (S2O3) mg S203/L	Sample duplicate <0.05-<0.05 Blank <0.02 Standard name S2O3-225ppm Result 212 Accuracy 94.2% Limit 158 - 293
Titanium (Ti) mg/L	Blank <0.01
Dissolved titanium (Ti) mg/L	Blank <0.01
Turbidity UTN	Standard name DMR-0266-2017-Turb Result 5.01 Accuracy 96.5% Limit 4.41 - 5.97
Uranium (U) mg/L	Blank <0.001 Standard name C00-046-705_X_1000 Result 0.116 Accuracy 84% Limit 0.0800 - 0.1200
Dissolved Uranium (U) mg/L	Blank <0.001 Standard name DMR-0219-2017-Eu Result 1.98 Accuracy 87.5% Limit 1.41 - 2.11
Vanadium (V) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1018 Accuracy 98.2% Limit 0.0800 - 0.1200
Dissolved Vanadium mg/L	Blank <0.0005 Standard name DMR-0219-2017-Eu Result 2.304 Accuracy 84.2% Limit 1.59 - 2.39
Zinc (Zn) mg/L	Blank <0.001 Standard name C00-046-705_X_1000 Result 0.102 Accuracy 98% Limit 0.0800 - 0.1200
Dissolved Zinc mg/L	Blank <0.001 Standard name DMR-0219-2017-Eu Result 4.95

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Additional information

Lab number: V-64976

Sample name: Dogleg - North KIA

Sampling location: Dogleg - North KIA

Sampling date: June 26, 2017

Sampling hour: 17:00

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-CL-2.0	MA.300-Ions 1.3
M-COUL-1.0	MA.103-Col. 2.0
M-CN-1.0	MA.300-CN 1.2
M-CI-1.0	MA.300-Anions 1.0
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-P-2.0	MA.303-P 1.1
M-SULF-2.0	MA.300-Ions 1.3
M-TURB-1.0	MA.103-Tur. 1.0

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-64892

Sampling location: ST-10/ST-MMER-2a N 65 04.11,9 W 95 59.52,7

Sampling date: June 26, 2017

Sample name: ST-10/ST-MMER-2a

Sampling hour: 08:15

Sampled by: Fanny Laporte & Mhaly Bois Ct

Date received: June 27, 2017

Matrix: Water

Drinking water distribution: **Vault**

Reported on: July 13, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

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Analytical Report

Lab number: V-64892

Sample name: ST-10/ST-MMER-2a

Sampling date: June 26, 2017

Sampling location: ST-10/ST-MMER-2a N 65 04.11,9 W 95 59.52,7

Sampling hour: 08:15

Parameter	Result	Method name	Analysis date
Alkalinity	52 mg CaCO ₃ /L	M-TIT-1.0	June 27, 2017
Aluminium (Al)	0.162 mg/L	Sous-traitance\Multilab Direct	June 29, 2017
Dissolved Aluminium (Al)	0.022 mg/L	Sous-traitance\Multilab Direct	June 29, 2017
Antimony (Sb)	0.0005 mg/L	Sous-traitance\Multilab Direct	June 29, 2017
Dissolved Antimony (Sb)	<0.0001 mg/L	Sous-traitance\Multilab Direct	June 29, 2017
Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	June 29, 2017
Dissolved Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	June 29, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	0.87 mg N/L	Sous-traitance\H2Lab inc. (SAM)	June 29, 2017
Kjeldahl nitrogen	1.1 mg N/L	Sous-traitance\H2Lab inc. (SAM)	July 05, 2017
Barium (Ba)	0.0109 mg/L	Sous-traitance\Multilab Direct	June 29, 2017
Dissolved Barium (Ba)	0.0105 mg/L	Sous-traitance\Multilab Direct	June 29, 2017
Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	June 29, 2017
Dissolved Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	June 29, 2017
bicarbonate (HCO ₃)	52 mg CaCO ₃ /L	M-TIT-1.0	June 27, 2017
Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	June 29, 2017
Dissolved Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	June 29, 2017
Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	June 29, 2017
Dissolved Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	June 29, 2017
Calcium (Ca)	14.5 mg/L	Sous-traitance\Multilab Direct	June 29, 2017
Carbonate (CO ₃)	<2 mg CaCO ₃ /L	M-TIT-1.0	June 27, 2017
Dissolved Organic Carbon (D.O.C.)	4.0 mg/L	M-COT-1.0	June 27, 2017
Total Organic Carbon (T.O.C.)	4.7 mg/L	M-COT-1.0	June 27, 2017
Chloride	4.4 mg/L	Sous-traitance\Multilab Direct	June 29, 2017
Chrome (Cr)	0.0024 mg/L	Sous-traitance\Multilab Direct	June 29, 2017
Dissolved Chromium (Cr)	0.0031 mg/L	Sous-traitance\Multilab Direct	June 29, 2017
Copper (Cu)	0.0033 mg/L	Sous-traitance\Multilab Direct	June 29, 2017
Dissolved Copper (Cu)	0.0026 mg/L	Sous-traitance\Multilab Direct	June 29, 2017
Total Cyanide (CNT)	0.003 mg/L	Sous-traitance\Multilab Direct	June 29, 2017
Hardness	52 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	June 29, 2017
Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	June 29, 2017
dissolved Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	June 29, 2017
Iron (Fe)	0.26 mg/L	Sous-traitance\Multilab Direct	June 29, 2017
Dissolved Iron (Fe)	0.01 mg/L	Sous-traitance\Multilab Direct	June 29, 2017
Hydrocarbons (C10-C50)	<0.1 mg/L	M-HYD-2.0	July 13, 2017
Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Total Suspended Solids	<1 mg/L	M-SOLI-1.0	June 28, 2017
Magnesium (Mg)	3.95 mg/L	Sous-traitance\Multilab Direct	June 29, 2017
Manganese (Mn)	0.0632 mg/L	Sous-traitance\Multilab Direct	June 29, 2017
Dissolved Manganese (Mn)	0.064 mg/L	Sous-traitance\Multilab Direct	June 29, 2017

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Analytical Report

Lab number: V-64892

Sample name: ST-10/ST-MMER-2a

Sampling date: June 26, 2017

Sampling location: ST-10/ST-MMER-2a N 65 04.11,9 W 95 59.52,7

Sampling hour: 08:15

Parameter	Result	Method name	Analysis date
Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	July 04, 2017
Dissolved Mercury (Hg)	0.00001 mg/L	Sous-traitance\Multilab Direct	July 04, 2017
Molybdenum (Mo)	0.0057 mg/L	Sous-traitance\Multilab Direct	June 29, 2017
Dissolved Molybdenum (Mo)	0.0064 mg/L	Sous-traitance\Multilab Direct	June 29, 2017
Ammonia NH3 (non-ionized)	<0.01 mg N/L	Sous-traitance\H2Lab inc. (SAM)	July 06, 2017
Nickel (Ni)	0.0043 mg/L	Sous-traitance\Multilab Direct	June 29, 2017
Dissolved Nickel (Ni)	0.0043 mg/L	Sous-traitance\Multilab Direct	June 29, 2017
Nitrate (NO3)	1.12 mg N/L	Sous-traitance\Multilab Direct	June 29, 2017
Nitrite (NO2)	0.02 mg N/L	Sous-traitance\Multilab Direct	June 29, 2017
Ortho-Phosphate (O-PO4)	<0.01 mg P/L	Sous-traitance\Multilab Direct	June 29, 2017
Total Phosphorus (P)	<0.04 mg P/L	Sous-traitance\H2Lab inc. (SAM)	July 04, 2017
Lead (Pb)	0.0016 mg/L	Sous-traitance\Multilab Direct	June 29, 2017
Dissolved Lead (Pb)	0.0014 mg/L	Sous-traitance\Multilab Direct	June 29, 2017
Potassium (K)	2.08 mg/L	Sous-traitance\Multilab Direct	June 29, 2017
Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	June 29, 2017
Dissolved Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	June 29, 2017
Reactive silica (SiO2)	1.5 mg/L	Sous-traitance\Maxxam	July 04, 2017
Sodium (Na)	6.37 mg/L	Sous-traitance\Multilab Direct	June 29, 2017
Dissolved Solids	102 mg/L	M-TIT-1.0	June 27, 2017
Strontium (Sr)	0.094 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
dissolved Strontium (Sr)	0.080 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Sulfate (SO4)	31.5 mg SO4/L	Sous-traitance\Multilab Direct	July 07, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Titanium (Ti)	0.01 mg/L	Sous-traitance\Multilab Direct	June 29, 2017
Dissolved titanium (Ti)	0.01 mg/L	Sous-traitance\Multilab Direct	June 29, 2017
Uranium (U)	0.001 mg/L	Sous-traitance\Multilab Direct	June 29, 2017
Dissolved Uranium (U)	0.001 mg/L	Sous-traitance\Multilab Direct	June 29, 2017
Vanadium (V)	<0.0005 mg/L	Sous-traitance\Multilab Direct	June 29, 2017
Dissolved Vanadium	<0.0005 mg/L	Sous-traitance\Multilab Direct	June 29, 2017
Zinc (Zn)	0.005 mg/L	Sous-traitance\Multilab Direct	June 29, 2017
Dissolved Zinc	0.001 mg/L	Sous-traitance\Multilab Direct	June 29, 2017

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Detection limit

Lab number: V-64892

Sample name: ST-10/ST-MMER-2a

Sampling date: June 26, 2017

Sampling location: ST-10/ST-MMER-2a N 65 04.11,9 W 95 59.52,7

Sampling hour: 08:15

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO3/L	M-TIT-1.0	
Aluminium (Al)	0.006	mg/L	Sous-traitance	
Dissolved Aluminium (Al)	0.006	mg/L	Sous-traitance	
Antimony (Sb)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Antimony (Sb)	0.0001	mg/L	Sous-traitance	
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Arsenic (As)	0.0005	mg/L	Sous-traitance	
Kjeldahl nitrogen	0.07	mg N/L	Sous-traitance	
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Barium (Ba)	0.0005	mg/L	Sous-traitance	
Beryllium (Be)	0.0005	mg/L	Sous-traitance	
Dissolved Beryllium (Be)	0.0005	mg/L	Sous-traitance	
bicarbonate (HCO3)	2	mg CaCO3/L	M-TIT-1.0	
Boron (B)	0.01	mg/L	Sous-traitance	Yes
Dissolved Boron (B)	0.01	mg/L	Sous-traitance	
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Dissolved Cadmium (Cd)	0.00002	mg/L	Sous-traitance	
Calcium (Ca)	0.03	mg/L	Sous-traitance	Yes
Carbonate (CO3)	2	mg CaCO3/L	M-TIT-1.0	
Dissolved Organic Carbon (D.O.C.)	0.2	mg/L	M-COT-1.0	--
Total Organic Carbon (T.O.C.)	0.2	mg/L	M-COT-1.0	Yes
Chloride	0.5	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Dissolved Chromium (Cr)	0.0006	mg/L	Sous-traitance	
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Copper (Cu)	0.0005	mg/L	Sous-traitance	
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO3/L	Sous-traitance	
Tin (Sn)	0.001	mg/L	Sous-traitance	Yes
dissolved Tin (Sn)	0.001	mg/L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes
Dissolved Iron (Fe)	0.01	mg/L	Sous-traitance	
Hydrocarbons (C10-C50)	0.1	mg/L	M-HYD-2.0	Yes
Lithium (Li)	0.005	mg/L	Sous-traitance	
Dissolved Lithium (Li)	0.005	mg/L	Sous-traitance	
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Magnesium (Mg)	0.02	mg/L	Sous-traitance	Yes
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Manganese (Mn)	0.0005	mg/L	Sous-traitance	
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes

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Detection limit

Lab number: V-64892

Sample name: ST-10/ST-MMER-2a

Sampling date: June 26, 2017

Sampling location: ST-10/ST-MMER-2a N 65 04.11,9 W 95 59.52,7

Sampling hour: 08:15

Parameter	Value	Unit	Method	Accreditation
Dissolved Mercury (Hg)	0.00001	mg/L	Sous-traitance	
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Nickel (Ni)	0.0005	mg/L	Sous-traitance	
Nitrate (NO3)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO2)	0.01	mg N/L	Sous-traitance	Yes
Ortho-Phosphate (O-PO4)	0.01	mg P/L	Sous-traitance	Yes
Total Phosphorus (P)	0.04	mg P/L	Sous-traitance	
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Dissolved Lead (Pb)	0.0003	mg/L	Sous-traitance	
Potassium (K)	0.05	mg/L	Sous-traitance	
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Dissolved Selenium (Se)	0.001	mg/L	Sous-traitance	
Reactive silica (SiO2)		mg/L	Sous-traitance	
Sodium (Na)	0.05	mg/L	Sous-traitance	Yes
Dissolved Solids	1	mg/L	M-TIT-1.0	
Strontium (Sr)	0.005	mg/L	Sous-traitance	
dissolved Strontium (Sr)	0.005	mg/L	Sous-traitance	
Sulfate (SO4)	0.6	mg SO4/L	Sous-traitance	Yes
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Dissolved thallium (Tl)	0.0008	mg/L	Sous-traitance	
Titanium (Ti)	0.01	mg/L	Sous-traitance	
Dissolved titanium (Ti)	0.01	mg/L	Sous-traitance	
Uranium (U)	0.001	mg/L	Sous-traitance	
Dissolved Uranium (U)	0.001	mg/L	Sous-traitance	
Vanadium (V)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Vanadium	0.0005	mg/L	Sous-traitance	
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes
Dissolved Zinc	0.001	mg/L	Sous-traitance	

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Quality control Report

Lab number: V-64892

Sample name: ST-10/ST-MMER-2a

Sampling date: June 26, 2017

Sampling location: ST-10/ST-MMER-2a N 65 04.11,9 W 95 59.52,7

Sampling hour: 08:15

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 158 Accuracy 91% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006
	Standard name C00-046-705_X_1000 Result 0.868 Accuracy 86.8% Limit 0.800 - 1.200
Dissolved Aluminium (Al) mg/L	Blank <0.006
	Standard name C00-046-705_X_1000 Result 0.863 Accuracy 86.3% Limit 0.800 - 1.200
Antimony (Sb) mg/L	Blank <0.0001
	Standard name C00-046-705_X_1000 Result 0.0099 Accuracy 99% Limit 0.0080 - 0.0120
Dissolved Antimony (Sb) mg/L	Blank <0.0001
	Standard name C00-046-705_X_1000 Result 0.0089 Accuracy 89% Limit 0.0080 - 0.0120
Arsenic (As) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000 Result 0.0960 Accuracy 96% Limit 0.0700 - 0.1300
Dissolved Arsenic (As) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000 Result 0.0958 Accuracy 95.8% Limit 0.0800 - 0.1200
Barium (Ba) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000 Result 0.0983 Accuracy 98.3% Limit 0.0800 - 0.1200
Dissolved Barium (Ba) mg/L	Blank <0.0005

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Quality control Report

Lab number: V-64892

Sample name: ST-10/ST-MMER-2a

Sampling date: June 26, 2017

Sampling location: ST-10/ST-MMER-2a N 65 04.11,9 W 95 59.52,7

Sampling hour: 08:15

Parameter	
	Standard name C00-046-705_X_1000
	Result 0.0980
	Accuracy 98%
	Limit 0.0800 - 0.1200
Beryllium (Be) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1023
	Accuracy 97.7%
	Limit 0.0800 - 0.1200
Dissolved Beryllium (Be) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1037
	Accuracy 96.3%
	Limit 0.0800 - 0.1200
Boron (B) mg/L	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.06
	Accuracy 94%
	Limit 0.800 - 1.200
Dissolved Boron (B) mg/L	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.04
	Accuracy 96%
	Limit 0.800 - 1.200
Cadmium (Cd) mg/L	Blank <0.00002
	Standard name C00-046-705_X_1000
	Result 0.09510
	Accuracy 95.1%
	Limit 0.0800 - 0.1200
Dissolved Cadmium (Cd) mg/L	Blank <0.00002
	Standard name C00-046-705_X_1000
	Result 0.09422
	Accuracy 94.2%
	Limit 0.0800 - 0.1200
Calcium (Ca) mg/L	Blank <0.03
	Standard name C00-046-705_X_1000
	Result 0.91
	Accuracy 91%
	Limit 0.800 - 1.200
Dissolved Organic Carbon (D.O.C)	Blank <0.2

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Quality control Report

Lab number: V-64892

Sample name: ST-10/ST-MMER-2a

Sampling date: June 26, 2017

Sampling location: ST-10/ST-MMER-2a N 65 04.11,9 W 95 59.52,7

Sampling hour: 08:15

Parameter	
	Standard name COD 10mg/L
	Result 11
	Accuracy 90%
	Limit 8 - 12
Total Organic Carbon (T.O.C.) m	Blank <0.2
	Standard name COT 10mg/L
	Result 11
	Accuracy 90%
	Limit 8 - 12
Chloride mg/L	Blank <0.5
	Standard name DMR-0266-2017-CI
	Result 113
	Accuracy 95.4%
	Limit 95 - 121
	Sample duplicate 4.4-4.4
Chrome (Cr) mg/L	Blank <0.0006
	Standard name C00-046-705_X_1000
	Result 0.0971
	Accuracy 97.1%
	Limit 0.0800 - 0.1200
Dissolved Chromium (Cr) mg/L	Blank <0.0006
	Standard name C00-046-705_X_1000
	Result 0.0990
	Accuracy 99%
	Limit 0.0800 - 0.1200
Copper (Cu) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1043
	Accuracy 95.7%
	Limit 0.0800 - 0.1200
Dissolved Copper (Cu) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1043
	Accuracy 95.7%
	Limit 0.0800 - 0.1200
Total Cyanide (CNT) mg/L	Blank <0.001
	Standard name DMR-0266-CNT
	Result 0.239
	Accuracy 99.2%
	Limit 0.205 - 0.277

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Quality control Report

Lab number: V-64892

Sample name: ST-10/ST-MMER-2a

Sampling date: June 26, 2017

Sampling location: ST-10/ST-MMER-2a N 65 04.11,9 W 95 59.52,7

Sampling hour: 08:15

Parameter	
Tin (Sn) mg/L	Blank <0.001 Standard name C00-046-705_X_1000 Result 0.094 Accuracy 94% Limit 0.0800 - 0.1200
dissolved Tin (Sn) mg/L	Blank <0.001 Standard name C00-046-705_X_1000 Result 0.093 Accuracy 93% Limit 0.0700 - 0.1300
Iron (Fe) mg/L	Blank <0.01 Standard name C00-046-705_X_1000 Result 0.96 Accuracy 96% Limit 0.800 - 1.200
Dissolved Iron (Fe) mg/L	Blank <0.01 Standard name C00-046-705_X_1000 Result 0.96 Accuracy 96% Limit 0.800 - 1.200
Hydrocarbons (C10-C50) mg/L	Standard name MR-0.625mg/L Result 0.600 Accuracy 96% Limit 0.438 - 0.813
Hydrocarbons (C10-C50) mg/L	Blank <0.1 Standard name C10C50-200ppm Result 1.20 Accuracy 96% Limit 0.88 - 1.63
Total Suspended Solids mg/L	Blank <1 Standard name STD-MES 25mg/L Result 24 Accuracy 96% Limit 19 - 31
Magnesium (Mg) mg/L	Blank <0.02 Standard name C00-046-705_X_1000 Result 1.06 Accuracy 94% Limit 0.800 - 1.200
Manganese (Mn) mg/L	Blank <0.0005

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Quality control Report

Lab number: V-64892

Sample name: ST-10/ST-MMER-2a

Sampling date: June 26, 2017

Sampling location: ST-10/ST-MMER-2a N 65 04.11,9 W 95 59.52,7

Sampling hour: 08:15

Parameter	
	Standard name C00-046-705_X_1000
	Result 0.0850
	Accuracy 85%
	Limit 0.0800 - 0.1200
Dissolved Manganese (Mn) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0850
	Accuracy 85%
	Limit 0.0800 - 0.1200
Mercury (Hg) mg/L	Blank <0.00001
	Standard name DMR-0219-2017-HgEu
	Result 0.00062
	Accuracy 88.6%
	Limit 0.00042 - 0.00098
Dissolved Mercury (Hg) mg/L	Blank <0.00001
	Standard name DMR-0219-2017-HgEu
	Result 0.00058
	Accuracy 82.9%
	Limit 0.00042 - 0.00098
Molybdenum (Mo) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0916
	Accuracy 91.6%
	Limit 0.0800 - 0.1200
Dissolved Molybdenum (Mo) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0907
	Accuracy 90.7%
	Limit 0.0800 - 0.1200
Nickel (Ni) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0995
	Accuracy 99.5%
	Limit 0.0800 - 0.1200
Dissolved Nickel (Ni) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1000
	Accuracy 100%
	Limit 0.0800 - 0.1200
Nitrate (NO3) mg N/L	Blank <0.01

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Quality control Report

Lab number: V-64892

Sample name: ST-10/ST-MMER-2a

Sampling date: June 26, 2017

Sampling location: ST-10/ST-MMER-2a N 65 04.11,9 W 95 59.52,7

Sampling hour: 08:15

Parameter	
Nitrite (NO ₂) mg N/L	Blank <0.01 Standard name DMR-0266-2017-NO2-2 Result 2.64 Accuracy 97.4% Limit 2.30 - 3.12
Ortho-Phosphate (O-PO ₄) mg P/l	Blank <0.01 Standard name DMR-0266-2017-OPO4 Result 0.59 Accuracy 100% Limit 0.52 - 0.66
Lead (Pb) mg/L	Blank <0.0003 Standard name C00-046-705_X_1000 Result 0.0947 Accuracy 94.7% Limit 0.0800 - 0.1200
Dissolved Lead (Pb) mg/L	Blank <0.0003 Standard name C00-046-705_X_1000 Result 0.0939 Accuracy 93.9% Limit 0.0800 - 0.1200
Potassium (K) mg/L	Blank <0.05 Standard name C00-046-705_X_1000 Result 0.95 Accuracy 95% Limit 0.800 - 1.200
Selenium (Se) mg/L	Blank <0.001 Standard name C00-046-705_X_1000 Result 0.094 Accuracy 94% Limit 0.0800 - 0.1200
Dissolved Selenium (Se) mg/L	Blank <0.001 Standard name C00-046-705_X_1000 Result 0.095 Accuracy 95% Limit 0.0800 - 0.1200
Sodium (Na) mg/L	Blank <0.05 Standard name C00-046-705_X_1000 Result 0.86 Accuracy 86% Limit 0.800 - 1.200

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Quality control Report

Lab number: V-64892

Sample name: ST-10/ST-MMER-2a

Sampling date: June 26, 2017

Sampling location: ST-10/ST-MMER-2a N 65 04.11,9 W 95 59.52,7

Sampling hour: 08:15

Parameter

Sulfate (SO4) mg SO4/L
Blank <0.6
Standard name DMR-0266-2017-SO4
Result 117
Accuracy 95.1%
Limit 114 - 132

Titanium (Ti) mg/L
Blank <0.01
Dissolved titanium (Ti) mg/L
Blank <0.01
Uranium (U) mg/L
Blank <0.001
Standard name C00-046-705_X_1000
Result 0.085

Accuracy 85%
Limit 0.0800 - 0.1200
Dissolved Uranium (U) mg/L
Blank <0.001
Standard name C00-046-705_X_1000
Result 0.085

Accuracy 85%
Limit 0.0800 - 0.1200
Vanadium (V) mg/L
Blank <0.0005
Standard name C00-046-705_X_1000
Result 0.0956

Accuracy 95.6%
Limit 0.0800 - 0.1200
Dissolved Vanadium mg/L
Blank <0.0005
Standard name C00-046-705_X_1000
Result 0.0976

Accuracy 97.6%
Limit 0.0800 - 0.1200
Zinc (Zn) mg/L
Blank <0.001
Standard name C00-046-705_X_1000
Result 0.102

Accuracy 98%
Limit 0.0800 - 0.1200
Dissolved Zinc mg/L
Blank <0.001
Standard name C00-046-705_X_1000
Result 0.101

Accuracy 99%
Limit 0.0800 - 0.1200

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Additional information

Lab number: V-64892

Sample name: ST-10/ST-MMER-2a

Sampling date: June 26, 2017

Sampling location: ST-10/ST-MMER-2a N 65 04.11,9 W 95 59.52,7

Sampling hour: 08:15

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-CL-2.0	MA.300-Ions 1.3
M-CN-1.0	MA.300-CN 1.2
M-HYD-2.0	MA.400-HYD. 1.1
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-P-2.0	MA.303-P 1.1
M-SULF-2.0	MA.300-Ions 1.3

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-64975

Sampling location: NP1 - West KIA

Sampling date: June 26, 2017

Sample name: NP1 - West KIA

Sampling hour: 17:15

Sampled by: Fanny Laporte, Mhaly BC

Date received: June 28, 2017

Matrix: Water

Drinking water distribution:

Reported on: July 24, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

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Analytical Report

Lab number: V-64975

Sample name: NP1 - West KIA

Sampling date: June 26, 2017

Sampling location: NP1 - West KIA

Sampling hour: 17:15

Parameter	Result	Method name	Analysis date
Alkalinity	53 mg CaCO ₃ /L	M-TIT-1.0	June 28, 2017
Aluminium (Al)	0.12 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Antimony (Sb)	<0.0001 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Antimony (Sb)	<0.0001 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	<0.05 mg N/L	Sous-traitance\H2Lab inc. (SAM)	July 04, 2017
Kjeldahl nitrogen	<0.7 mg N/L	Sous-traitance\H2Lab inc. (SAM)	July 05, 2017
Barium (Ba)	0.0041 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Barium (Ba)	0.0018 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
bicarbonate (HCO ₃)	53 mg CaCO ₃ /L	M-TIT-1.0	June 28, 2017
Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Bromides	0.03 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Calcium (Ca)	15.5 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Carbonate (CO ₃)	<2 mg CaCO ₃ /L	M-TIT-1.0	June 28, 2017
Dissolved Organic Carbon (D.O.C.)	5.4 mg/L	M-COT-1.0	June 28, 2017
Total Organic Carbon (T.O.C.)	5.6 mg/L	M-COT-1.0	June 28, 2017
Chlorophyll A	0.96 µg/L	Sous-traitance\H2Lab inc. (SAM)	July 18, 2017
Chloride	6.3 mg/L	Sous-traitance\Multilab Direct	June 29, 2017
Chrome (Cr)	0.0014 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Chromium (Cr)	0.0010 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Cobalt (Co)	0.002 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Cobalt (Co)	<0.0005 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Conductivity	153 µmhos/cm	M-TIT-1.0	June 28, 2017
Colour	6 Colour units	Sous-traitance\Multilab Direct	June 29, 2017
Copper (Cu)	0.0019 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Copper (Cu)	0.0015 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Cyanide W.A.D.	<0.001 mg/L	Sous-traitance\Multilab Direct	June 29, 2017
Total Cyanide (CNT)	<0.001 mg/L	Sous-traitance\Multilab Direct	June 29, 2017
Hardness	59 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	June 30, 2017
Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
dissolved Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	June 30, 2017

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Analytical Report

Lab number: V-64975

Sample name: NP1 - West KIA

Sampling date: June 26, 2017

Sampling location: NP1 - West KIA

Sampling hour: 17:15

Parameter	Result	Method name	Analysis date
Iron (Fe)	0.15 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Iron (Fe)	0.01 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Fluoride (F)	0.14 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Total Suspended Solids	2 mg/L	M-SOLI-1.0	June 29, 2017
Magnesium (Mg)	5.05 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Manganese (Mn)	0.0135 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Manganese (Mn)	0.0005 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	July 04, 2017
Dissolved Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	July 04, 2017
Molybdenum (Mo)	0.001 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Molybdenum (Mo)	0.0014 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Ammonia NH3 (non-ionized)	<0.05 mg N/L	Sous-traitance\H2Lab inc. (SAM)	July 04, 2017
Nickel (Ni)	0.0031 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Nickel (Ni)	0.0036 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Nitrate (NO3)	0.08 mg N/L	Sous-traitance\Multilab Direct	June 29, 2017
Nitrite (NO2)	<0.01 mg N/L	Sous-traitance\Multilab Direct	June 29, 2017
Ortho-Phosphate (O-PO4)	<0.01 mg P/L	Sous-traitance\Multilab Direct	June 29, 2017
Dissolved oxygen	9.8 mg/L	Sous-traitance\Multilab Direct	June 29, 2017
pH	7.91	M-TIT-1.0	June 28, 2017
Total Phosphorus (P)	0.0082 mg P/L	Sous-traitance\H2Lab inc. (SAM)	July 13, 2017
Lead (Pb)	0.0026 mg/L	Sous-traitance\Multilab Direct	July 05, 2017
Dissolved Lead (Pb)	0.0005 mg/L	Sous-traitance\Multilab Direct	July 05, 2017
Potassium (K)	1.85 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Reactive silica (SiO2)	0.48 mg/L	Sous-traitance\Maxxam	July 04, 2017
Sodium (Na)	4.4 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Solids	102 mg/L	M-TIT-1.0	June 28, 2017
Strontium (Sr)	0.069 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
dissolved Strontium (Sr)	0.056 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Sulfate (SO4)	21.9 mg SO4/L	Sous-traitance\Multilab Direct	July 07, 2017
Tellurium (Te)	<0.0005 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Thiocyanate (SCN)	<0.05 mg SCN/L	Sous-traitance\Multilab Direct	July 07, 2017
Thiosulfates (S2O3)	<0.02 mg S2O3/L	Sous-traitance\Multilab Direct	July 05, 2017
Titanium (Ti)	0.01 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved titanium (Ti)	0.01 mg/L	Sous-traitance\Multilab Direct	June 30, 2017

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Analytical Report

Lab number: V-64975

Sample name: NP1 - West KIA

Sampling date: June 26, 2017

Sampling location: NP1 - West KIA

Sampling hour: 17:15

Parameter	Result	Method name	Analysis date
Turbidity	3.45 NTU	Sous-traitance\Multilab Direct	June 29, 2017
Uranium (U)	0.001 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Uranium (U)	<0.001 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Vanadium (V)	<0.0005 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Vanadium	<0.0005 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Zinc (Zn)	0.001 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Zinc	0.001 mg/L	Sous-traitance\Multilab Direct	June 30, 2017

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Detection limit

Lab number: V-64975

Sample name: NP1 - West KIA

Sampling date: June 26, 2017

Sampling location: NP1 - West KIA

Sampling hour: 17:15

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO3/L	M-TIT-1.0	
Aluminium (Al)	0.006	mg/L	Sous-traitance	
Dissolved Aluminium (Al)	0.006	mg/L	Sous-traitance	
Antimony (Sb)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Antimony (Sb)	0.0001	mg/L	Sous-traitance	
Silver (Ag)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Silver (Ag)	0.0001	mg/L	Sous-traitance	
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Arsenic (As)	0.0005	mg/L	Sous-traitance	
Kjeldahl nitrogen	0.07	mg N/L	Sous-traitance	
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Barium (Ba)	0.0005	mg/L	Sous-traitance	
Beryllium (Be)	0.0005	mg/L	Sous-traitance	
Dissolved Beryllium (Be)	0.0005	mg/L	Sous-traitance	
bicarbonate (HCO3)	2	mg CaCO3/L	M-TIT-1.0	
Boron (B)	0.01	mg/L	Sous-traitance	Yes
Dissolved Boron (B)	0.01	mg/L	Sous-traitance	
Bromides	0.01	mg/L	Sous-traitance	
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Dissolved Cadmium (Cd)	0.00002	mg/L	Sous-traitance	
Calcium (Ca)	0.03	mg/L	Sous-traitance	Yes
Carbonate (CO3)	2	mg CaCO3/L	M-TIT-1.0	
Dissolved Organic Carbon (D.O.C.)	0.2	mg/L	M-COT-1.0	--
Total Organic Carbon (T.O.C.)	0.2	mg/L	M-COT-1.0	Yes
Chlorophyll A	0.13	µg/L	Sous-traitance	
Chloride	0.5	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Dissolved Chromium (Cr)	0.0006	mg/L	Sous-traitance	
Cobalt (Co)	0.0005	mg/L	Sous-traitance	
Dissolved Cobalt (Co)	0.0005	mg/L	Sous-traitance	
Conductivity	1	µmhos/cm	M-TIT-1.0	Yes
Colour	1	UCV	Sous-traitance	Yes
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Copper (Cu)	0.0005	mg/L	Sous-traitance	
Cyanide W.A.D.	0.001	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO3/L	Sous-traitance	
Tin (Sn)	0.001	mg/L	Sous-traitance	Yes
dissolved Tin (Sn)	0.001	mg/L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes

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Detection limit

Lab number: V-64975

Sample name: NP1 - West KIA

Sampling date: June 26, 2017

Sampling location: NP1 - West KIA

Sampling hour: 17:15

Parameter	Value	Unit	Method	Accreditation
Dissolved Iron (Fe)	0.01	mg/L	Sous-traitance	
Fluoride (F)	0.02	mg/L	Sous-traitance	Yes
Lithium (Li)	0.005	mg/L	Sous-traitance	
Dissolved Lithium (Li)	0.005	mg/L	Sous-traitance	
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Magnesium (Mg)	0.02	mg/L	Sous-traitance	Yes
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Manganese (Mn)	0.0005	mg/L	Sous-traitance	
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Dissolved Mercury (Hg)	0.00001	mg/L	Sous-traitance	
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Nickel (Ni)	0.0005	mg/L	Sous-traitance	
Nitrate (NO ₃)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO ₂)	0.01	mg N/L	Sous-traitance	Yes
Ortho-Phosphate (O-PO ₄)	0.01	mg P/L	Sous-traitance	Yes
Dissolved oxygen	0.1	mg/L	Sous-traitance	
pH			M-TIT-1.0	Yes
Total Phosphorus (P)	0.001	mg P/L	Sous-traitance	
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Dissolved Lead (Pb)	0.0003	mg/L	Sous-traitance	
Potassium (K)	0.05	mg/L	Sous-traitance	
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Dissolved Selenium (Se)	0.001	mg/L	Sous-traitance	
Reactive silica (SiO ₂)		mg/L	Sous-traitance	
Sodium (Na)	0.05	mg/L	Sous-traitance	Yes
Dissolved Solids	1	mg/L	M-TIT-1.0	
Strontium (Sr)	0.005	mg/L	Sous-traitance	
dissolved Strontium (Sr)	0.005	mg/L	Sous-traitance	
Sulfate (SO ₄)	0.6	mg SO ₄ /L	Sous-traitance	Yes
Tellurium (Te)	0.0005	mg/L	Sous-traitance	
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Dissolved thallium (Tl)	0.0008	mg/L	Sous-traitance	
Thiocyanate (SCN)	0.05	mg SCN/L	Sous-traitance	Yes
Thiosulfates (S ₂ O ₃)	0.02	mg S ₂ O ₃ /L	Sous-traitance	Yes
Titanium (Ti)	0.01	mg/L	Sous-traitance	
Dissolved titanium (Ti)	0.01	mg/L	Sous-traitance	
Turbidity	0.02	UTN	Sous-traitance	Yes
Uranium (U)	0.001	mg/L	Sous-traitance	

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Detection limit

Lab number: V-64975

Sample name: NP1 - West KIA

Sampling date: June 26, 2017

Sampling location: NP1 - West KIA

Sampling hour: 17:15

Parameter	Value	Unit	Method	Accreditation
Dissolved Uranium (U)	0.001	mg/L	Sous-traitance	
Vanadium (V)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Vanadium	0.0005	mg/L	Sous-traitance	
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes
Dissolved Zinc	0.001	mg/L	Sous-traitance	

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Quality control Report

Lab number: V-64975

Sample name: NP1 - West KIA

Sampling date: June 26, 2017

Sampling location: NP1 - West KIA

Sampling hour: 17:15

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 143 Accuracy 98.6% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006
	Standard name C00-046-705_X_1000 Result 1.17 Accuracy 83% Limit 0.800 - 1.200
Dissolved Aluminium (Al) mg/L	Blank <0.006
	Standard name DMR-0219-2017-Eu Result 7.31 Accuracy 83.4% Limit 5.02 - 7.52
Antimony (Sb) mg/L	Blank <0.0001
	Standard name C00-046-705_X_1000 Result 0.0099 Accuracy 99% Limit 0.0080 - 0.0120
Dissolved Antimony (Sb) mg/L	Blank <0.0001
	Standard name DMR-0219-2017-Eu Result 0.1909 Accuracy 86% Limit 0.178 - 0.266
Silver (Ag) mg/L	Blank <0.0001
	Standard name DMR-0013-2017-Ag Result 0.0444 Accuracy 95.3% Limit 0.0339 - 0.0509
Dissolved Silver (Ag) mg/L	Blank <0.0001
	Standard name DMR-0013-2017-Ag Result 0.0480 Accuracy 86.8% Limit 0.0339 - 0.0509
Arsenic (As) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000 Result 0.1012 Accuracy 98.8% Limit 0.0700 - 0.1300
Dissolved Arsenic (As) mg/L	Blank <0.0005

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Quality control Report

Lab number: V-64975

Sample name: NP1 - West KIA

Sampling location: NP1 - West KIA

Sampling date: June 26, 2017

Sampling hour: 17:15

Parameter	
	Standard name DMR-0219-2017-Eu
	Result 0.3091
	Accuracy 91.2%
	Limit 0.199 - 0.369
Barium (Ba) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0981
	Accuracy 98.1%
	Limit 0.0800 - 0.1200
Dissolved Barium (Ba) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 2.621
	Accuracy 92.1%
	Limit 1.94 - 2.92
Beryllium (Be) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1108
	Accuracy 89.2%
	Limit 0.0800 - 0.1200
Dissolved Beryllium (Be) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.793
	Accuracy 94.5%
	Limit 1.36 - 2.04
Boron (B) mg/L	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.15
	Accuracy 85%
	Limit 0.800 - 1.200
Dissolved Boron (B) mg/L	Blank <0.01
	Standard name DMR-0219-2017-Eu
	Result 3.19
	Accuracy 89.2%
	Limit 2.30 - 3.46
Bromides mg/L	Standard name DMR-0119-2017-Br
	Result 5.01
	Accuracy 89%
	Limit 4.50 - 6.76
Cadmium (Cd) mg/L	Blank <0.00002
	Standard name C00-046-705_X_1000

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Quality control Report

Lab number: V-64975

Sample name: NP1 - West KIA

Sampling date: June 26, 2017

Sampling location: NP1 - West KIA

Sampling hour: 17:15

Parameter	
Dissolved Cadmium (Cd) mg/L	Result 0.10083
	Accuracy 99.2%
	Limit 0.0800 - 0.1200
	Blank <0.00002
	Standard name DMR-0219-2017-Eu
Calcium (Ca) mg/L	Result 1.0003
	Accuracy 89%
	Limit 0.721 - 1.081
	Blank <0.03
	Standard name C00-046-705_X_1000
Dissolved Organic Carbon (D.O.C.) mg/L	Result 0.97
	Accuracy 97%
	Limit 0.800 - 1.200
	Blank <0.2
	Standard name COD 10mg/L
Total Organic Carbon (T.O.C.) mg/L	Result 12
	Accuracy 80%
	Limit 8 - 12
	Blank <0.2
	Standard name COT 10mg/L
Chloride mg/L	Result 12
	Accuracy 80%
	Limit 8 - 12
	Blank <0.5
	Standard name DMR-0266-2017-Cl
Chrome (Cr) mg/L	Result 113
	Accuracy 95.4%
	Limit 95 - 121
	Blank <0.0006
	Standard name C00-046-705_X_1000
Dissolved Chromium (Cr) mg/L	Result 0.1061
	Accuracy 93.9%
	Limit 0.0800 - 0.1200
	Blank <0.0006
	Standard name DMR-0219-2017-Eu
Cobalt (Co) mg/L	Result 4.836
	Accuracy 80.6%
	Limit 3.24 - 4.86
	Blank <0.0005
	Standard name C00-046-705_X_1000

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Quality control Report

Lab number: V-64975

Sample name: NP1 - West KIA

Sampling date: June 26, 2017

Sampling location: NP1 - West KIA

Sampling hour: 17:15

Parameter	
Dissolved Cobalt (Co) mg/L	Result 0.1044
	Accuracy 95.6%
	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name DMR-0219-2017-Eu
Conductivity µmhos/cm	Result 1.743
	Accuracy 88.3%
	Limit 1.25 - 1.87
	Standard name STD cond maison
	Result 1410
Colour UCV	Accuracy 99.6%
	Limit 1203 - 1627
	Blank <1
	Standard name DMR-0266-2017-Coul
	Result 20
Copper (Cu) mg/L	Accuracy 95.3%
	Limit 14.8 - 23.4
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.106
Dissolved Copper (Cu) mg/L	Accuracy 94%
	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.523
Cyanide W.A.D. mg/L	Accuracy 81%
	Limit 1.02 - 1.54
	Blank <0.001
	Standard name DMR-0266-CNT
	Result 0.120
Total Cyanide (CNT) mg/L	Accuracy 96.8%
	Limit 0.105 - 0.143
	Blank <0.001
	Standard name DMR-0266-CNT
	Result 0.239
Tin (Sn) mg/L	Accuracy 99.2%
	Limit 0.205 - 0.277
	Blank <0.001
	Standard name DMR-0123-2016-Sn
	Result 0.669

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Quality control Report

Lab number: V-64975

Sample name: NP1 - West KIA

Sampling date: June 26, 2017

Sampling location: NP1 - West KIA

Sampling hour: 17:15

Parameter	
dissolved Tin (Sn) mg/L	Accuracy 83.4%
	Limit 0.642 - 0.962
	Blank <0.001
	Standard name DMR-0123-2016-Sn
	Result 0.801
Iron (Fe) mg/L	Accuracy 99.9%
	Limit 0.561 - 1.043
	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.12
Dissolved Iron (Fe) mg/L	Accuracy 88%
	Limit 0.800 - 1.200
	Blank <0.01
	Standard name DMR-0219-2017-Eu
	Result 13.5
Fluoride (F) mg/L	Accuracy 81.6%
	Limit 9.1 - 13.7
	Blank <0.02
	Standard name DMR-0266-2017-F
	Result 2.40
Lithium (Li) mg/L	Accuracy 95.7%
	Limit 2.13 - 2.47
	Standard name DMR-0219-2017-Eu
	Result 0.754
	Accuracy 89.1%
Dissolved Lithium (Li) mg/L	Limit 0.677 - 1.015
	Blank <0.005
	Standard name DMR-0219-2017-Eu
	Result 0.797
	Accuracy 94.2%
Total Suspended Solids mg/L	Limit 0.677 - 1.015
	Blank <1
	Standard name STD-MES 25mg/L
	Result 27
	Accuracy 92%
Magnesium (Mg) mg/L	Limit 19 - 31
	Sample duplicate 2-4
	Blank <0.02
	Standard name C00-046-705_X_1000
	Result 1.11

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Quality control Report

Lab number: V-64975

Sample name: NP1 - West KIA

Sampling location: NP1 - West KIA

Sampling date: June 26, 2017

Sampling hour: 17:15

Parameter	
Manganese (Mn) mg/L	Accuracy 89%
	Limit 0.800 - 1.200
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1095
Dissolved Manganese (Mn) mg/L	Accuracy 90.5%
	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 4.600
Mercury (Hg) mg/L	Accuracy 82.1%
	Limit 3.12 - 4.68
	Blank <0.00001
	Standard name DMR-0219-2017-HgEu
	Result 0.00062
Dissolved Mercury (Hg) mg/L	Accuracy 88.6%
	Limit 0.00042 - 0.00098
	Blank <0.00001
	Standard name DMR-0219-2017-HgEu
	Result 0.00058
Molybdenum (Mo) mg/L	Accuracy 82.9%
	Limit 0.00042 - 0.00098
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0978
Dissolved Molybdenum (Mo) mg/L	Accuracy 97.8%
	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 0.6698
Nickel (Ni) mg/L	Accuracy 94.6%
	Limit 0.566 - 0.850
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1067
Dissolved Nickel (Ni) mg/L	Accuracy 93.3%
	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.238

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Quality control Report

Lab number: V-64975

Sample name: NP1 - West KIA

Sampling date: June 26, 2017

Sampling location: NP1 - West KIA

Sampling hour: 17:15

Parameter	
	Accuracy 91.4%
	Limit 0.91 - 1.37
Nitrate (NO3) mg N/L	Blank <0.01
Nitrite (NO2) mg N/L	Blank <0.01
	Standard name DMR-0266-2017-NO2-2
	Result 2.66
	Accuracy 98.2%
	Limit 2.30 - 3.12
Ortho-Phosphate (O-PO4) mg P/	Blank <0.01
	Standard name DMR-0266-2017-OPO4
	Result 0.59
	Accuracy 100%
	Limit 0.52 - 0.66
pH	Standard name STD pH 7.0
	Result 7.01
	Accuracy 99.9%
	Limit 6.96 - 7.04
Lead (Pb) mg/L	Blank <0.0003
	Standard name DMR-0219-2017-Eu
	Result 0.9036
	Accuracy 99.9%
	Limit 0.722 - 1.084
Dissolved Lead (Pb) mg/L	Blank <0.0003
	Standard name DMR-0219-2017-Eu
	Result 0.9183
	Accuracy 98.3%
	Limit 0.722 - 1.084
Potassium (K) mg/L	Blank <0.05
	Standard name C00-046-705_X_1000
	Result 1.07
	Accuracy 93%
	Limit 0.800 - 1.200
Selenium (Se) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.1
	Accuracy 100%
	Limit 0.0800 - 0.1200
Dissolved Selenium (Se) mg/L	Blank <0.001
	Standard name DMR-0219-2017-Eu
	Result 1.47

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Quality control Report

Lab number: V-64975

Sample name: NP1 - West KIA

Sampling date: June 26, 2017

Sampling location: NP1 - West KIA

Sampling hour: 17:15

Parameter	
Sodium (Na) mg/L	Accuracy 91.1%
	Limit 1.08 - 1.62
	Blank <0.05
	Standard name C00-046-705_X_1000
	Result 1.19
Strontium (Sr) mg/L	Accuracy 81%
	Limit 0.800 - 1.200
	Standard name DMR-0219-2017-Eu
	Result 1.29
dissolved Strontium (Sr) mg/L	Accuracy 95.1%
	Limit 0.98 - 1.48
	Blank <0.005
	Standard name DMR-0219-2017-Eu
	Result 1.28
Sulfate (SO4) mg SO4/L	Accuracy 95.9%
	Limit 0.98 - 1.48
	Blank <0.6
	Standard name DMR-0266-2017-SO4
	Result 117
Tellurium (Te) mg/L	Accuracy 95.1%
	Limit 114 - 132
	Sample duplicate 21.9-23.5
	Blank <0.0005
	Standard name C00-046-705_X_1000
Thallium (Tl) mg/L	Result 0.1011
	Accuracy 98.9%
	Limit 0.0800 - 0.1200
	Standard name Tl-S140909023-1000ppm
	Result 923
Dissolved thallium (Tl) mg/L	Accuracy 92.3%
	Limit 800 - 1200
	Blank <0.0008
	Standard name Tl-S140909023-1000ppm
	Result 935
Thiocyanate (SCN) mg SCN/L	Accuracy 93.5%
	Limit 800 - 1200
	Blank <0.05
	Standard name STD SCN 568ppm
	Result 616
	Accuracy 91.5%

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Quality control Report

Lab number: V-64975

Sample name: NP1 - West KIA

Sampling date: June 26, 2017

Sampling location: NP1 - West KIA

Sampling hour: 17:15

Parameter	
Thiosulfates (S ₂ O ₃) mg S ₂ O ₃ /L	Limit 398 - 738 Blank <0.02 Standard name S ₂ O ₃ -225ppm Result 212 Accuracy 94.2%
Titanium (Ti) mg/L	Limit 158 - 293 Blank <0.01
Dissolved titanium (Ti) mg/L	Blank <0.01
Turbidity UTN	Standard name DMR-0266-2017-Turb Result 5.01 Accuracy 96.5%
Uranium (U) mg/L	Limit 4.41 - 5.97 Blank <0.001 Standard name C00-046-705_X_1000 Result 0.116 Accuracy 84%
Dissolved Uranium (U) mg/L	Limit 0.0800 - 0.1200 Blank <0.001 Standard name DMR-0219-2017-Eu Result 1.98 Accuracy 87.5%
Vanadium (V) mg/L	Limit 1.41 - 2.11 Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1018 Accuracy 98.2%
Dissolved Vanadium mg/L	Limit 0.0800 - 0.1200 Blank <0.0005 Standard name DMR-0219-2017-Eu Result 2.304 Accuracy 84.2%
Zinc (Zn) mg/L	Limit 1.59 - 2.39 Blank <0.001 Standard name C00-046-705_X_1000 Result 0.102 Accuracy 98%
Dissolved Zinc mg/L	Limit 0.0800 - 0.1200 Blank <0.001 Standard name DMR-0219-2017-Eu Result 4.95

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Quality control Report

Lab number: V-64975

Sample name: NP1 - West KIA

Sampling date: June 26, 2017

Sampling location: NP1 - West KIA

Sampling hour: 17:15

Parameter

Accuracy 91.4%

Limit 3.65 - 5.47

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Additional information

Lab number: V-64975

Sample name: NP1 - West KIA

Sampling location: NP1 - West KIA

Sampling date: June 26, 2017

Sampling hour: 17:15

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-CL-2.0	MA.300-Ions 1.3
M-COUL-1.0	MA.103-Col. 2.0
M-CN-1.0	MA.300-CN 1.2
M-CI-1.0	MA.300-Anions 1.0
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-P-2.0	MA.303-P 1.1
M-SULF-2.0	MA.300-Ions 1.3
M-TURB-1.0	MA.103-Tur. 1.0

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-64977

Sampling location: SPL - RSF seep KIA

Sampling date: June 26, 2017

Sample name: SPL - RSF seep KIA

Sampling hour: 16:45

Sampled by: Fanny Laporte, Mhaly BC

Date received: June 28, 2017

Matrix: Water

Drinking water distribution:

Reported on: July 24, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

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Analytical Report

Lab number: V-64977

Sample name: SPL - RSF seep KIA

Sampling date: June 26, 2017

Sampling location: SPL - RSF seep KIA

Sampling hour: 16:45

Parameter	Result	Method name	Analysis date
Alkalinity	29 mg CaCO ₃ /L	M-TIT-1.0	June 28, 2017
Aluminium (Al)	0.033 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Antimony (Sb)	<0.0001 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Antimony (Sb)	<0.0001 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	<0.05 mg N/L	Sous-traitance\H2Lab inc. (SAM)	July 04, 2017
Kjeldahl nitrogen	<0.7 mg N/L	Sous-traitance\H2Lab inc. (SAM)	July 05, 2017
Barium (Ba)	0.0023 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Barium (Ba)	0.0014 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
bicarbonate (HCO ₃)	29 mg CaCO ₃ /L	M-TIT-1.0	June 28, 2017
Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Bromides	0.02 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Calcium (Ca)	8.75 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Carbonate (CO ₃)	<2 mg CaCO ₃ /L	M-TIT-1.0	June 28, 2017
Dissolved Organic Carbon (D.O.C.)	4.2 mg/L	M-COT-1.0	June 28, 2017
Total Organic Carbon (T.O.C.)	4.2 mg/L	M-COT-1.0	June 28, 2017
Chlorophyll A	1.2 µg/L	Sous-traitance\H2Lab inc. (SAM)	July 18, 2017
Chloride	4.4 mg/L	Sous-traitance\Multilab Direct	June 29, 2017
Chrome (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Chromium (Cr)	0.0009 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Cobalt (Co)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 05, 2017
Dissolved Cobalt (Co)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 05, 2017
Conductivity	99 µmhos/cm	M-TIT-1.0	June 28, 2017
Colour	4 Colour units	Sous-traitance\Multilab Direct	June 29, 2017
Copper (Cu)	0.0009 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Copper (Cu)	0.0026 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Cyanide W.A.D.	0.002 mg/L	Sous-traitance\Multilab Direct	June 29, 2017
Total Cyanide (CNT)	<0.001 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Hardness	35 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	June 30, 2017
Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
dissolved Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	June 30, 2017

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Analytical Report

Lab number: V-64977

Sample name: SPL - RSF seep KIA

Sampling date: June 26, 2017

Sampling location: SPL - RSF seep KIA

Sampling hour: 16:45

Parameter	Result	Method name	Analysis date
Iron (Fe)	0.05 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Iron (Fe)	0.01 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Fluoride (F)	0.14 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Total Suspended Solids	2 mg/L	M-SOLI-1.0	June 29, 2017
Magnesium (Mg)	3.32 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Manganese (Mn)	0.0021 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Manganese (Mn)	0.0015 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	July 04, 2017
Dissolved Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	July 04, 2017
Molybdenum (Mo)	<0.0005 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Molybdenum (Mo)	<0.0005 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Ammonia NH3 (non-ionized)	<0.05 mg N/L	Sous-traitance\H2Lab inc. (SAM)	July 04, 2017
Nickel (Ni)	0.0023 mg/L	Sous-traitance\Multilab Direct	July 05, 2017
Dissolved Nickel (Ni)	0.0006 mg/L	Sous-traitance\Multilab Direct	July 05, 2017
Nitrate (NO3)	0.02 mg N/L	Sous-traitance\Multilab Direct	June 29, 2017
Nitrite (NO2)	<0.01 mg N/L	Sous-traitance\Multilab Direct	June 29, 2017
Ortho-Phosphate (O-PO4)	<0.01 mg P/L	Sous-traitance\Multilab Direct	June 29, 2017
Dissolved oxygen	10.0 mg/L	Sous-traitance\Multilab Direct	June 29, 2017
pH	7.55	M-TIT-1.0	June 28, 2017
Total Phosphorus (P)	0.0074 mg P/L	Sous-traitance\H2Lab inc. (SAM)	July 13, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	July 05, 2017
Dissolved Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	July 05, 2017
Potassium (K)	1.16 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Reactive silica (SiO2)	0.86 mg/L	Sous-traitance\Maxxam	July 04, 2017
Sodium (Na)	2.7 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Solids	66 mg/L	M-TIT-1.0	June 28, 2017
Strontium (Sr)	0.040 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
dissolved Strontium (Sr)	0.037 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Sulfate (SO4)	16.7 mg SO4/L	Sous-traitance\Multilab Direct	July 07, 2017
Tellurium (Te)	<0.0005 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Thiocyanate (SCN)	<0.05 mg SCN/L	Sous-traitance\Multilab Direct	July 07, 2017
Thiosulfates (S2O3)	<0.02 mg S2O3/L	Sous-traitance\Multilab Direct	July 05, 2017
Titanium (Ti)	<0.01 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved titanium (Ti)	<0.01 mg/L	Sous-traitance\Multilab Direct	June 30, 2017

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Analytical Report

Lab number: V-64977

Sample name: SPL - RSF seep KIA

Sampling date: June 26, 2017

Sampling location: SPL - RSF seep KIA

Sampling hour: 16:45

Parameter	Result	Method name	Analysis date
Turbidity	1.13 NTU	Sous-traitance\Multilab Direct	June 29, 2017
Uranium (U)	<0.001 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Uranium (U)	<0.001 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Vanadium (V)	<0.0005 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Vanadium	<0.0005 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Zinc (Zn)	0.002 mg/L	Sous-traitance\Multilab Direct	July 05, 2017
Dissolved Zinc	<0.001 mg/L	Sous-traitance\Multilab Direct	July 05, 2017

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Detection limit

Lab number: V-64977

Sample name: SPL - RSF seep KIA

Sampling date: June 26, 2017

Sampling location: SPL - RSF seep KIA

Sampling hour: 16:45

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO ₃ /L	M-TIT-1.0	
Aluminium (Al)	0.006	mg/L	Sous-traitance	
Dissolved Aluminium (Al)	0.006	mg/L	Sous-traitance	
Antimony (Sb)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Antimony (Sb)	0.0001	mg/L	Sous-traitance	
Silver (Ag)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Silver (Ag)	0.0001	mg/L	Sous-traitance	
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Arsenic (As)	0.0005	mg/L	Sous-traitance	
Kjeldahl nitrogen	0.07	mg N/L	Sous-traitance	
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Barium (Ba)	0.0005	mg/L	Sous-traitance	
Beryllium (Be)	0.0005	mg/L	Sous-traitance	
Dissolved Beryllium (Be)	0.0005	mg/L	Sous-traitance	
bicarbonate (HCO ₃)	2	mg CaCO ₃ /L	M-TIT-1.0	
Boron (B)	0.01	mg/L	Sous-traitance	Yes
Dissolved Boron (B)	0.01	mg/L	Sous-traitance	
Bromides	0.01	mg/L	Sous-traitance	
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Dissolved Cadmium (Cd)	0.00002	mg/L	Sous-traitance	
Calcium (Ca)	0.03	mg/L	Sous-traitance	Yes
Carbonate (CO ₃)	2	mg CaCO ₃ /L	M-TIT-1.0	
Dissolved Organic Carbon (D.O.C.)	0.2	mg/L	M-COT-1.0	--
Total Organic Carbon (T.O.C.)	0.2	mg/L	M-COT-1.0	Yes
Chlorophyll A	0.13	µg/L	Sous-traitance	
Chloride	0.5	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Dissolved Chromium (Cr)	0.0006	mg/L	Sous-traitance	
Cobalt (Co)	0.0005	mg/L	Sous-traitance	
Dissolved Cobalt (Co)	0.0005	mg/L	Sous-traitance	
Conductivity	1	µmhos/cm	M-TIT-1.0	Yes
Colour	1	UCV	Sous-traitance	Yes
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Copper (Cu)	0.0005	mg/L	Sous-traitance	
Cyanide W.A.D.	0.001	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO ₃ /L	Sous-traitance	
Tin (Sn)	0.001	mg/L	Sous-traitance	Yes
dissolved Tin (Sn)	0.001	mg/L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes

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Detection limit

Lab number: V-64977

Sample name: SPL - RSF seep KIA

Sampling date: June 26, 2017

Sampling location: SPL - RSF seep KIA

Sampling hour: 16:45

Parameter	Value	Unit	Method	Accreditation
Dissolved Iron (Fe)	0.01	mg/L	Sous-traitance	
Fluoride (F)	0.02	mg/L	Sous-traitance	Yes
Lithium (Li)	0.005	mg/L	Sous-traitance	
Dissolved Lithium (Li)	0.005	mg/L	Sous-traitance	
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Magnesium (Mg)	0.02	mg/L	Sous-traitance	Yes
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Manganese (Mn)	0.0005	mg/L	Sous-traitance	
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Dissolved Mercury (Hg)	0.00001	mg/L	Sous-traitance	
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Nickel (Ni)	0.0005	mg/L	Sous-traitance	
Nitrate (NO ₃)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO ₂)	0.01	mg N/L	Sous-traitance	Yes
Ortho-Phosphate (O-PO ₄)	0.01	mg P/L	Sous-traitance	Yes
Dissolved oxygen	0.1	mg/L	Sous-traitance	
pH			M-TIT-1.0	Yes
Total Phosphorus (P)	0.001	mg P/L	Sous-traitance	
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Dissolved Lead (Pb)	0.0003	mg/L	Sous-traitance	
Potassium (K)	0.05	mg/L	Sous-traitance	
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Dissolved Selenium (Se)	0.001	mg/L	Sous-traitance	
Reactive silica (SiO ₂)		mg/L	Sous-traitance	
Sodium (Na)	0.05	mg/L	Sous-traitance	Yes
Dissolved Solids	1	mg/L	M-TIT-1.0	
Strontium (Sr)	0.005	mg/L	Sous-traitance	
dissolved Strontium (Sr)	0.005	mg/L	Sous-traitance	
Sulfate (SO ₄)	0.6	mg SO ₄ /L	Sous-traitance	Yes
Tellurium (Te)	0.0005	mg/L	Sous-traitance	
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Dissolved thallium (Tl)	0.0008	mg/L	Sous-traitance	
Thiocyanate (SCN)	0.05	mg SCN/L	Sous-traitance	Yes
Thiosulfates (S ₂ O ₃)	0.02	mg S ₂ O ₃ /L	Sous-traitance	Yes
Titanium (Ti)	0.01	mg/L	Sous-traitance	
Dissolved titanium (Ti)	0.01	mg/L	Sous-traitance	
Turbidity	0.02	UTN	Sous-traitance	Yes
Uranium (U)	0.001	mg/L	Sous-traitance	

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Detection limit

Lab number: V-64977

Sample name: SPL - RSF seep KIA

Sampling date: June 26, 2017

Sampling location: SPL - RSF seep KIA

Sampling hour: 16:45

Parameter	Value	Unit	Method	Accreditation
Dissolved Uranium (U)	0.001	mg/L	Sous-traitance	
Vanadium (V)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Vanadium	0.0005	mg/L	Sous-traitance	
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes
Dissolved Zinc	0.001	mg/L	Sous-traitance	

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Quality control Report

Lab number: V-64977

Sample name: SPL - RSF seep KIA

Sampling date: June 26, 2017

Sampling location: SPL - RSF seep KIA

Sampling hour: 16:45

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 143 Accuracy 98.6% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006
	Standard name C00-046-705_X_1000 Result 1.17 Accuracy 83% Limit 0.800 - 1.200
Dissolved Aluminium (Al) mg/L	Blank <0.006
	Standard name DMR-0219-2017-Eu Result 7.31 Accuracy 83.4% Limit 5.02 - 7.52
Antimony (Sb) mg/L	Blank <0.0001
	Standard name C00-046-705_X_1000 Result 0.0099 Accuracy 99% Limit 0.0080 - 0.0120
Dissolved Antimony (Sb) mg/L	Blank <0.0001
	Standard name DMR-0219-2017-Eu Result 0.1909 Accuracy 86% Limit 0.178 - 0.266
Silver (Ag) mg/L	Blank <0.0001
	Standard name DMR-0013-2017-Ag Result 0.0444 Accuracy 95.3% Limit 0.0339 - 0.0509
Dissolved Silver (Ag) mg/L	Blank <0.0001
	Standard name DMR-0013-2017-Ag Result 0.0480 Accuracy 86.8% Limit 0.0339 - 0.0509
Arsenic (As) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000 Result 0.1012 Accuracy 98.8% Limit 0.0700 - 0.1300
Dissolved Arsenic (As) mg/L	Blank <0.0005

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Quality control Report

Lab number: V-64977

Sample name: SPL - RSF seep KIA

Sampling date: June 26, 2017

Sampling location: SPL - RSF seep KIA

Sampling hour: 16:45

Parameter	
	Standard name DMR-0219-2017-Eu
	Result 0.3091
	Accuracy 91.2%
	Limit 0.199 - 0.369
Barium (Ba) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0981
	Accuracy 98.1%
	Limit 0.0800 - 0.1200
Dissolved Barium (Ba) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 2.621
	Accuracy 92.1%
	Limit 1.94 - 2.92
Beryllium (Be) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1108
	Accuracy 89.2%
	Limit 0.0800 - 0.1200
Dissolved Beryllium (Be) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.793
	Accuracy 94.5%
	Limit 1.36 - 2.04
Boron (B) mg/L	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.15
	Accuracy 85%
	Limit 0.800 - 1.200
Dissolved Boron (B) mg/L	Blank <0.01
	Standard name DMR-0219-2017-Eu
	Result 3.19
	Accuracy 89.2%
	Limit 2.30 - 3.46
Bromides mg/L	Standard name DMR-0119-2017-Br
	Result 5.01
	Accuracy 89%
	Limit 4.50 - 6.76
Cadmium (Cd) mg/L	Blank <0.00002
	Standard name C00-046-705_X_1000

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Quality control Report

Lab number: V-64977

Sample name: SPL - RSF seep KIA

Sampling date: June 26, 2017

Sampling location: SPL - RSF seep KIA

Sampling hour: 16:45

Parameter	
Dissolved Cadmium (Cd) mg/L	Result 0.10083
	Accuracy 99.2%
	Limit 0.0800 - 0.1200
	Blank <0.00002
	Standard name DMR-0219-2017-Eu
Calcium (Ca) mg/L	Result 1.0003
	Accuracy 89%
	Limit 0.721 - 1.081
	Blank <0.03
	Standard name C00-046-705_X_1000
Dissolved Organic Carbon (D.O.C.) mg/L	Result 0.97
	Accuracy 97%
	Limit 0.800 - 1.200
	Blank <0.2
	Standard name COD 10mg/L
Total Organic Carbon (T.O.C.) mg/L	Result 12
	Accuracy 80%
	Limit 8 - 12
	Blank <0.2
	Standard name COT 10mg/L
Chloride mg/L	Result 12
	Accuracy 80%
	Limit 8 - 12
	Blank <0.5
	Standard name DMR-0266-2017-Cl
Chrome (Cr) mg/L	Result 113
	Accuracy 95.4%
	Limit 95 - 121
	Blank <0.0006
	Standard name C00-046-705_X_1000
Dissolved Chromium (Cr) mg/L	Result 0.1061
	Accuracy 93.9%
	Limit 0.0800 - 0.1200
	Blank <0.0006
	Standard name DMR-0219-2017-Eu
Cobalt (Co) mg/L	Result 4.836
	Accuracy 80.6%
	Limit 3.24 - 4.86
	Blank <0.0005
	Standard name DMR-0219-2017-Eu

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Quality control Report

Lab number: V-64977

Sample name: SPL - RSF seep KIA

Sampling date: June 26, 2017

Sampling location: SPL - RSF seep KIA

Sampling hour: 16:45

Parameter	
Dissolved Cobalt (Co) mg/L	Result 1.509
	Accuracy 96.7%
	Limit 1.25 - 1.87
	Blank <0.0005
	Standard name DMR-0219-2017-Eu
Conductivity µmhos/cm	Result 1.549
	Accuracy 99.3%
	Limit 1.25 - 1.87
	Standard name STD cond maison
	Result 1410
Colour UCV	Accuracy 99.6%
	Limit 1203 - 1627
	Blank <1
	Standard name DMR-0266-2017-Coul
	Result 20
Copper (Cu) mg/L	Accuracy 95.3%
	Limit 14.8 - 23.4
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.106
Dissolved Copper (Cu) mg/L	Accuracy 94%
	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.523
Cyanide W.A.D. mg/L	Accuracy 81%
	Limit 1.02 - 1.54
	Blank <0.001
	Standard name DMR-0266-CNT
	Result 0.120
Total Cyanide (CNT) mg/L	Accuracy 96.8%
	Limit 0.105 - 0.143
	Blank <0.001
	Standard name DMR-0266-CNT
	Result 0.239
Tin (Sn) mg/L	Accuracy 99.2%
	Limit 0.205 - 0.277
	Blank <0.001
	Standard name DMR-0123-2016-Sn
	Result 0.669

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Quality control Report

Lab number: V-64977

Sample name: SPL - RSF seep KIA

Sampling date: June 26, 2017

Sampling location: SPL - RSF seep KIA

Sampling hour: 16:45

Parameter	
dissolved Tin (Sn) mg/L	Accuracy 83.4%
	Limit 0.642 - 0.962
	Blank <0.001
	Standard name DMR-0123-2016-Sn
	Result 0.801
Iron (Fe) mg/L	Accuracy 99.9%
	Limit 0.561 - 1.043
	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.12
Dissolved Iron (Fe) mg/L	Accuracy 88%
	Limit 0.800 - 1.200
	Blank <0.01
	Standard name DMR-0219-2017-Eu
	Result 13.5
Fluoride (F) mg/L	Accuracy 81.6%
	Limit 9.1 - 13.7
	Blank <0.02
	Standard name DMR-0266-2017-F
	Result 2.40
Lithium (Li) mg/L	Accuracy 95.7%
	Limit 2.13 - 2.47
	Standard name DMR-0219-2017-Eu
	Result 0.754
	Accuracy 89.1%
Dissolved Lithium (Li) mg/L	Limit 0.677 - 1.015
	Blank <0.005
	Standard name DMR-0219-2017-Eu
	Result 0.797
	Accuracy 94.2%
Total Suspended Solids mg/L	Limit 0.677 - 1.015
	Blank <1
	Standard name STD-MES 25mg/L
	Result 27
	Accuracy 92%
Magnesium (Mg) mg/L	Limit 19 - 31
	Blank <0.02
	Standard name C00-046-705_X_1000
	Result 1.11
	Accuracy 89%

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Quality control Report

Lab number: V-64977

Sample name: SPL - RSF seep KIA

Sampling date: June 26, 2017

Sampling location: SPL - RSF seep KIA

Sampling hour: 16:45

Parameter	
Manganese (Mn) mg/L	Limit 0.800 - 1.200
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1095
	Accuracy 90.5%
Dissolved Manganese (Mn) mg/L	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 4.600
	Accuracy 82.1%
Mercury (Hg) mg/L	Limit 3.12 - 4.68
	Blank <0.00001
	Standard name DMR-0219-2017-HgEu
	Result 0.00062
	Accuracy 88.6%
Dissolved Mercury (Hg) mg/L	Limit 0.00042 - 0.00098
	Blank <0.00001
	Standard name DMR-0219-2017-HgEu
	Result 0.00058
	Accuracy 82.9%
Molybdenum (Mo) mg/L	Limit 0.00042 - 0.00098
	Sample duplicate <0.00001-<0.00001
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0978
Dissolved Molybdenum (Mo) mg/L	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 0.6698
	Accuracy 94.6%
Nickel (Ni) mg/L	Limit 0.566 - 0.850
	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.113
	Accuracy 97.6%
Dissolved Nickel (Ni) mg/L	Limit 0.91 - 1.37
	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.134

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Quality control Report

Lab number: V-64977

Sample name: SPL - RSF seep KIA

Sampling date: June 26, 2017

Sampling location: SPL - RSF seep KIA

Sampling hour: 16:45

Parameter	
	Accuracy 99.5%
	Limit 0.91 - 1.37
Nitrate (NO ₃) mg N/L	Blank <0.01
Nitrite (NO ₂) mg N/L	Blank <0.01
	Standard name DMR-0266-2017-NO2-2
	Result 2.66
	Accuracy 98.2%
	Limit 2.30 - 3.12
Ortho-Phosphate (O-PO ₄) mg P/	Blank <0.01
	Standard name DMR-0266-2017-OPO4
	Result 0.59
	Accuracy 100%
	Limit 0.52 - 0.66
pH	Standard name STD pH 7.0
	Result 7.01
	Accuracy 99.9%
	Limit 6.96 - 7.04
Lead (Pb) mg/L	Blank <0.0003
	Standard name DMR-0219-2017-Eu
	Result 0.9036
	Accuracy 99.9%
	Limit 0.722 - 1.084
Dissolved Lead (Pb) mg/L	Blank <0.0003
	Standard name DMR-0219-2017-Eu
	Result 0.9183
	Accuracy 98.3%
	Limit 0.722 - 1.084
Potassium (K) mg/L	Blank <0.05
	Standard name C00-046-705_X_1000
	Result 1.07
	Accuracy 93%
	Limit 0.800 - 1.200
Selenium (Se) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.1
	Accuracy 100%
	Limit 0.0800 - 0.1200
Dissolved Selenium (Se) mg/L	Blank <0.001
	Standard name DMR-0219-2017-Eu
	Result 1.47

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Quality control Report

Lab number: V-64977

Sample name: SPL - RSF seep KIA

Sampling date: June 26, 2017

Sampling location: SPL - RSF seep KIA

Sampling hour: 16:45

Parameter	
Sodium (Na) mg/L	Accuracy 91.1%
	Limit 1.08 - 1.62
	Blank <0.05
	Standard name C00-046-705_X_1000
	Result 1.19
Strontium (Sr) mg/L	Accuracy 81%
	Limit 0.800 - 1.200
	Standard name DMR-0219-2017-Eu
	Result 1.29
dissolved Strontium (Sr) mg/L	Accuracy 95.1%
	Limit 0.98 - 1.48
	Blank <0.005
	Standard name DMR-0219-2017-Eu
	Result 1.28
Sulfate (SO4) mg SO4/L	Accuracy 95.9%
	Limit 0.98 - 1.48
	Blank <0.6
	Standard name DMR-0266-2017-SO4
	Result 116
Tellurium (Te) mg/L	Accuracy 94.3%
	Limit 114 - 132
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1011
Thallium (Tl) mg/L	Accuracy 98.9%
	Limit 0.0800 - 0.1200
	Standard name Tl-S140909023-1000ppm
	Result 923
Dissolved thallium (Tl) mg/L	Accuracy 92.3%
	Limit 800 - 1200
	Blank <0.0008
	Standard name Tl-S140909023-1000ppm
	Result 935
Thiocyanate (SCN) mg SCN/L	Accuracy 93.5%
	Limit 800 - 1200
	Blank <0.05
	Standard name STD SCN 568ppm
	Result 616
	Accuracy 91.5%
	Limit 398 - 738

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Quality control Report

Lab number: V-64977

Sample name: SPL - RSF seep KIA

Sampling date: June 26, 2017

Sampling location: SPL - RSF seep KIA

Sampling hour: 16:45

Parameter

Thiosulfates (S2O3) mg S2O3/L	Blank <0.02
	Standard name S2O3-225ppm
	Result 212
	Accuracy 94.2%
	Limit 158 - 293
Titanium (Ti) mg/L	Blank <0.01
Dissolved titanium (Ti) mg/L	Blank <0.01
Turbidity UTN	Standard name DMR-0266-2017-Turb
	Result 5.01
	Accuracy 96.5%
	Limit 4.41 - 5.97
Uranium (U) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.116
	Accuracy 84%
	Limit 0.0800 - 0.1200
Dissolved Uranium (U) mg/L	Blank <0.001
	Standard name DMR-0219-2017-Eu
	Result 1.98
	Accuracy 87.5%
	Limit 1.41 - 2.11
Vanadium (V) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1018
	Accuracy 98.2%
	Limit 0.0800 - 0.1200
Dissolved Vanadium mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 2.304
	Accuracy 84.2%
	Limit 1.59 - 2.39
Zinc (Zn) mg/L	Blank <0.001
	Standard name DMR-0219-2017-Eu
	Result 4.55
	Accuracy 99.8%
	Limit 3.65 - 5.47
Dissolved Zinc mg/L	Blank <0.001
	Standard name DMR-0219-2017-Eu
	Result 4.67
	Accuracy 97.6%

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Additional information

Lab number: V-64977

Sample name: SPL - RSF seep KIA

Sampling location: SPL - RSF seep KIA

Sampling date: June 26, 2017

Sampling hour: 16:45

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-CL-2.0	MA.300-Ions 1.3
M-COUL-1.0	MA.103-Col. 2.0
M-CN-1.0	MA.300-CN 1.2
M-CI-1.0	MA.300-Anions 1.0
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-P-2.0	MA.303-P 1.1
M-SULF-2.0	MA.300-Ions 1.3
M-TURB-1.0	MA.103-Tur. 1.0

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-64974

Sampling location: NP2 East KIA

Sampling date: June 26, 2017

Sample name: NP2 East KIA

Sampling hour: 17:30

Sampled by: Fanny Laporte, Mhaly BC

Date received: June 28, 2017

Matrix: Water

Drinking water distribution:

Reported on: July 24, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

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Analytical Report

Lab number: V-64974

Sample name: NP2 East KIA

Sampling location: NP2 East KIA

Sampling date: June 26, 2017

Sampling hour: 17:30

Parameter	Result	Method name	Analysis date
Alkalinity	54 mg CaCO ₃ /L	M-TIT-1.0	June 28, 2017
Aluminium (Al)	0.031 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Antimony (Sb)	<0.0001 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Antimony (Sb)	<0.0001 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Arsenic (As)	0.0009 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	<0.05 mg N/L	Sous-traitance\H2Lab inc. (SAM)	July 04, 2017
Kjeldahl nitrogen	<0.7 mg N/L	Sous-traitance\H2Lab inc. (SAM)	July 05, 2017
Barium (Ba)	0.0066 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Barium (Ba)	0.0039 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
bicarbonate (HCO ₃)	54 mg CaCO ₃ /L	M-TIT-1.0	June 28, 2017
Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Bromides	0.03 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Calcium (Ca)	17.5 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Carbonate (CO ₃)	<2 mg CaCO ₃ /L	M-TIT-1.0	June 28, 2017
Dissolved Organic Carbon (D.O.C.)	5.9 mg/L	M-COT-1.0	June 28, 2017
Total Organic Carbon (T.O.C.)	6.0 mg/L	M-COT-1.0	June 28, 2017
Chlorophyll A	0.93 µg/L	Sous-traitance\H2Lab inc. (SAM)	July 18, 2017
Chloride	4.3 mg/L	Sous-traitance\Multilab Direct	June 29, 2017
Chrome (Cr)	0.0006 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Chromium (Cr)	0.0026 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Cobalt (Co)	<0.0005 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Cobalt (Co)	0.0015 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Conductivity	207 µmhos/cm	M-TIT-1.0	June 28, 2017
Colour	5 Colour units	Sous-traitance\Multilab Direct	June 29, 2017
Copper (Cu)	0.0033 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Copper (Cu)	0.0028 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Cyanide W.A.D.	<0.001 mg/L	Sous-traitance\Multilab Direct	June 29, 2017
Total Cyanide (CNT)	<0.001 mg/L	Sous-traitance\Multilab Direct	June 29, 2017
Hardness	69 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	June 30, 2017
Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
dissolved Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	June 30, 2017

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Analytical Report

Lab number: V-64974

Sample name: NP2 East KIA

Sampling location: NP2 East KIA

Sampling date: June 26, 2017

Sampling hour: 17:30

Parameter	Result	Method name	Analysis date
Iron (Fe)	0.09 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Iron (Fe)	0.01 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Fluoride (F)	0.13 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Total Suspended Solids	3 mg/L	M-SOLI-1.0	June 29, 2017
Magnesium (Mg)	6.16 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Manganese (Mn)	0.0173 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Manganese (Mn)	<0.0005 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	July 04, 2017
Dissolved Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	July 04, 2017
Molybdenum (Mo)	<0.0005 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Molybdenum (Mo)	<0.0005 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Ammonia NH3 (non-ionized)	<0.05 mg N/L	Sous-traitance\H2Lab inc. (SAM)	July 04, 2017
Nickel (Ni)	0.0056 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Nickel (Ni)	0.0059 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Nitrate (NO3)	0.17 mg N/L	Sous-traitance\Multilab Direct	June 29, 2017
Nitrite (NO2)	<0.01 mg N/L	Sous-traitance\Multilab Direct	June 29, 2017
Ortho-Phosphate (O-PO4)	<0.01 mg P/L	Sous-traitance\Multilab Direct	June 29, 2017
Dissolved oxygen	9.8 mg/L	Sous-traitance\Multilab Direct	June 29, 2017
pH	7.87	M-TIT-1.0	June 28, 2017
Total Phosphorus (P)	0.0048 mg P/L	Sous-traitance\H2Lab inc. (SAM)	July 13, 2017
Lead (Pb)	0.0307 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Lead (Pb)	0.0337 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Potassium (K)	2.2 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Reactive silica (SiO2)	0.88 mg/L	Sous-traitance\Maxxam	July 04, 2017
Sodium (Na)	8.4 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Solids	138 mg/L	M-TIT-1.0	June 28, 2017
Strontium (Sr)	0.074 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
dissolved Strontium (Sr)	0.073 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Sulfate (SO4)	42.6 mg SO4/L	Sous-traitance\Multilab Direct	July 07, 2017
Tellurium (Te)	<0.0005 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Thiocyanate (SCN)	<0.05 mg SCN/L	Sous-traitance\Multilab Direct	July 07, 2017
Thiosulfates (S2O3)	<0.02 mg S2O3/L	Sous-traitance\Multilab Direct	July 05, 2017
Titanium (Ti)	0.01 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved titanium (Ti)	0.01 mg/L	Sous-traitance\Multilab Direct	June 30, 2017

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Analytical Report

Lab number: V-64974

Sample name: NP2 East KIA

Sampling date: June 26, 2017

Sampling location: NP2 East KIA

Sampling hour: 17:30

Parameter	Result	Method name	Analysis date
Turbidity	1.77 NTU	Sous-traitance\Multilab Direct	June 29, 2017
Uranium (U)	<0.001 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Uranium (U)	<0.001 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Vanadium (V)	<0.0005 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Vanadium	<0.0005 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Zinc (Zn)	<0.001 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Zinc	0.001 mg/L	Sous-traitance\Multilab Direct	June 30, 2017

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Detection limit

Lab number: V-64974

Sample name: NP2 East KIA

Sampling date: June 26, 2017

Sampling location: NP2 East KIA

Sampling hour: 17:30

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO ₃ /L	M-TIT-1.0	
Aluminium (Al)	0.006	mg/L	Sous-traitance	
Dissolved Aluminium (Al)	0.006	mg/L	Sous-traitance	
Antimony (Sb)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Antimony (Sb)	0.0001	mg/L	Sous-traitance	
Silver (Ag)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Silver (Ag)	0.0001	mg/L	Sous-traitance	
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Arsenic (As)	0.0005	mg/L	Sous-traitance	
Kjeldahl nitrogen	0.07	mg N/L	Sous-traitance	
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Barium (Ba)	0.0005	mg/L	Sous-traitance	
Beryllium (Be)	0.0005	mg/L	Sous-traitance	
Dissolved Beryllium (Be)	0.0005	mg/L	Sous-traitance	
bicarbonate (HCO ₃)	2	mg CaCO ₃ /L	M-TIT-1.0	
Boron (B)	0.01	mg/L	Sous-traitance	Yes
Dissolved Boron (B)	0.01	mg/L	Sous-traitance	
Bromides	0.01	mg/L	Sous-traitance	
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Dissolved Cadmium (Cd)	0.00002	mg/L	Sous-traitance	
Calcium (Ca)	0.03	mg/L	Sous-traitance	Yes
Carbonate (CO ₃)	2	mg CaCO ₃ /L	M-TIT-1.0	
Dissolved Organic Carbon (D.O.C.)	0.2	mg/L	M-COT-1.0	--
Total Organic Carbon (T.O.C.)	0.2	mg/L	M-COT-1.0	Yes
Chlorophyll A	0.13	µg/L	Sous-traitance	
Chloride	0.5	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Dissolved Chromium (Cr)	0.0006	mg/L	Sous-traitance	
Cobalt (Co)	0.0005	mg/L	Sous-traitance	
Dissolved Cobalt (Co)	0.0005	mg/L	Sous-traitance	
Conductivity	1	µmhos/cm	M-TIT-1.0	Yes
Colour	1	UCV	Sous-traitance	Yes
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Copper (Cu)	0.0005	mg/L	Sous-traitance	
Cyanide W.A.D.	0.001	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO ₃ /L	Sous-traitance	
Tin (Sn)	0.001	mg/L	Sous-traitance	Yes
dissolved Tin (Sn)	0.001	mg/L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes

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Detection limit

Lab number: V-64974

Sample name: NP2 East KIA

Sampling date: June 26, 2017

Sampling location: NP2 East KIA

Sampling hour: 17:30

Parameter	Value	Unit	Method	Accreditation
Dissolved Iron (Fe)	0.01	mg/L	Sous-traitance	
Fluoride (F)	0.02	mg/L	Sous-traitance	Yes
Lithium (Li)	0.005	mg/L	Sous-traitance	
Dissolved Lithium (Li)	0.005	mg/L	Sous-traitance	
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Magnesium (Mg)	0.02	mg/L	Sous-traitance	Yes
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Manganese (Mn)	0.0005	mg/L	Sous-traitance	
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Dissolved Mercury (Hg)	0.00001	mg/L	Sous-traitance	
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Nickel (Ni)	0.0005	mg/L	Sous-traitance	
Nitrate (NO ₃)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO ₂)	0.01	mg N/L	Sous-traitance	Yes
Ortho-Phosphate (O-PO ₄)	0.01	mg P/L	Sous-traitance	Yes
Dissolved oxygen	0.1	mg/L	Sous-traitance	
pH			M-TIT-1.0	Yes
Total Phosphorus (P)	0.001	mg P/L	Sous-traitance	
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Dissolved Lead (Pb)	0.0003	mg/L	Sous-traitance	
Potassium (K)	0.05	mg/L	Sous-traitance	
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Dissolved Selenium (Se)	0.001	mg/L	Sous-traitance	
Reactive silica (SiO ₂)		mg/L	Sous-traitance	
Sodium (Na)	0.05	mg/L	Sous-traitance	Yes
Dissolved Solids	1	mg/L	M-TIT-1.0	
Strontium (Sr)	0.005	mg/L	Sous-traitance	
dissolved Strontium (Sr)	0.005	mg/L	Sous-traitance	
Sulfate (SO ₄)	0.6	mg SO ₄ /L	Sous-traitance	Yes
Tellurium (Te)	0.0005	mg/L	Sous-traitance	
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Dissolved thallium (Tl)	0.0008	mg/L	Sous-traitance	
Thiocyanate (SCN)	0.05	mg SCN/L	Sous-traitance	Yes
Thiosulfates (S ₂ O ₃)	0.02	mg S ₂ O ₃ /L	Sous-traitance	Yes
Titanium (Ti)	0.01	mg/L	Sous-traitance	
Dissolved titanium (Ti)	0.01	mg/L	Sous-traitance	
Turbidity	0.02	UTN	Sous-traitance	Yes
Uranium (U)	0.001	mg/L	Sous-traitance	

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Detection limit

Lab number: V-64974

Sample name: NP2 East KIA

Sampling date: June 26, 2017

Sampling location: NP2 East KIA

Sampling hour: 17:30

Parameter	Value	Unit	Method	Accreditation
Dissolved Uranium (U)	0.001	mg/L	Sous-traitance	
Vanadium (V)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Vanadium	0.0005	mg/L	Sous-traitance	
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes
Dissolved Zinc	0.001	mg/L	Sous-traitance	

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Quality control Report

Lab number: V-64974

Sample name: NP2 East KIA

Sampling location: NP2 East KIA

Sampling date: June 26, 2017

Sampling hour: 17:30

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 143 Accuracy 98.6% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006 Standard name C00-046-705_X_1000 Result 1.17 Accuracy 83% Limit 0.800 - 1.200
Dissolved Aluminium (Al) mg/L	Blank <0.006 Standard name DMR-0219-2017-Eu Result 7.31 Accuracy 83.4% Limit 5.02 - 7.52 Sample duplicate <0.006-<0.006
Antimony (Sb) mg/L	Blank <0.0001 Standard name C00-046-705_X_1000 Result 0.0099 Accuracy 99% Limit 0.0080 - 0.0120
Dissolved Antimony (Sb) mg/L	Blank <0.0001 Standard name DMR-0219-2017-Eu Result 0.1909 Accuracy 86% Limit 0.178 - 0.266 Sample duplicate <0.0001-<0.0001
Silver (Ag) mg/L	Blank <0.0001 Standard name DMR-0013-2017-Ag Result 0.0444 Accuracy 95.3% Limit 0.0339 - 0.0509
Dissolved Silver (Ag) mg/L	Blank <0.0001 Standard name DMR-0013-2017-Ag Result 0.0480 Accuracy 86.8% Limit 0.0339 - 0.0509 Sample duplicate <0.0001-<0.0001
Arsenic (As) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1012

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Quality control Report

Lab number: V-64974

Sample name: NP2 East KIA

Sampling location: NP2 East KIA

Sampling date: June 26, 2017

Sampling hour: 17:30

Parameter	
Dissolved Arsenic (As) mg/L	Accuracy 98.8%
	Limit 0.0700 - 0.1300
	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 0.3091
Barium (Ba) mg/L	Accuracy 91.2%
	Limit 0.199 - 0.369
	Sample duplicate 0.0009-0.0009
	Blank <0.0005
	Standard name C00-046-705_X_1000
Dissolved Barium (Ba) mg/L	Result 0.0981
	Accuracy 98.1%
	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name DMR-0219-2017-Eu
Beryllium (Be) mg/L	Result 2.621
	Accuracy 92.1%
	Limit 1.94 - 2.92
	Sample duplicate 0.0039-0.0039
	Blank <0.0005
Dissolved Beryllium (Be) mg/L	Standard name C00-046-705_X_1000
	Result 0.1108
	Accuracy 89.2%
	Limit 0.0800 - 0.1200
	Blank <0.0005
Boron (B) mg/L	Standard name DMR-0219-2017-Eu
	Result 1.793
	Accuracy 94.5%
	Limit 1.36 - 2.04
	Sample duplicate <0.0005-<0.0005
Dissolved Boron (B) mg/L	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.15
	Accuracy 85%
	Limit 0.800 - 1.200
Dissolved Boron (B) mg/L	Blank <0.01
	Standard name DMR-0219-2017-Eu
	Result 3.19
	Accuracy 89.2%
	Limit 2.30 - 3.46

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Quality control Report

Lab number: V-64974

Sample name: NP2 East KIA

Sampling location: NP2 East KIA

Sampling date: June 26, 2017

Sampling hour: 17:30

Parameter	
Bromides mg/L	Sample duplicate <0.01-<0.01
	Standard name DMR-0119-2017-Br
	Result 5.01
	Accuracy 89%
	Limit 4.50 - 6.76
Cadmium (Cd) mg/L	Blank <0.00002
	Standard name C00-046-705_X_1000
	Result 0.10083
	Accuracy 99.2%
	Limit 0.0800 - 0.1200
Dissolved Cadmium (Cd) mg/L	Blank <0.00002
	Standard name DMR-0219-2017-Eu
	Result 1.0003
	Accuracy 89%
	Limit 0.721 - 1.081
Calcium (Ca) mg/L	Sample duplicate <0.00002-<0.00002
	Blank <0.03
	Standard name C00-046-705_X_1000
	Result 0.97
	Accuracy 97%
Dissolved Organic Carbon (D.O.C.) mg/L	Limit 0.800 - 1.200
	Blank <0.2
	Standard name COD 10mg/L
	Result 12
	Accuracy 80%
Total Organic Carbon (T.O.C.) mg/L	Limit 8 - 12
	Blank <0.2
	Standard name COT 10mg/L
	Result 12
	Accuracy 80%
Chloride mg/L	Limit 8 - 12
	Blank <0.5
	Standard name DMR-0266-2017-CI
	Result 113
	Accuracy 95.4%
Chrome (Cr) mg/L	Limit 95 - 121
	Blank <0.0006
	Standard name C00-046-705_X_1000
	Result 0.1061
	Accuracy 93.9%

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Quality control Report

Lab number: V-64974

Sample name: NP2 East KIA

Sampling location: NP2 East KIA

Sampling date: June 26, 2017

Sampling hour: 17:30

Parameter	
Dissolved Chromium (Cr) mg/L	Limit 0.0800 - 0.1200
	Blank <0.0006
	Standard name DMR-0219-2017-Eu
	Result 4.836
	Accuracy 80.6%
Cobalt (Co) mg/L	Limit 3.24 - 4.86
	Sample duplicate 0.0026-0.0026
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1044
Accuracy 95.6%	
Dissolved Cobalt (Co) mg/L	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.743
	Accuracy 88.3%
Conductivity µmhos/cm	Limit 1.25 - 1.87
	Sample duplicate 0.0015-0.0015
	Standard name STD cond maison
	Result 1410
	Accuracy 99.6%
Colour UCV	Limit 1203 - 1627
	Blank <1
	Standard name DMR-0266-2017-Coul
	Result 20
	Accuracy 95.3%
Copper (Cu) mg/L	Limit 14.8 - 23.4
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.106
	Accuracy 94%
Dissolved Copper (Cu) mg/L	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.523
	Accuracy 81%
Cyanide W.A.D. mg/L	Limit 1.02 - 1.54
	Sample duplicate 0.0028-0.0028
	Blank <0.001
	Standard name DMR-0266-CNT

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Quality control Report

Lab number: V-64974

Sample name: NP2 East KIA

Sampling location: NP2 East KIA

Sampling date: June 26, 2017

Sampling hour: 17:30

Parameter	
Total Cyanide (CNT) mg/L	Result 0.120
	Accuracy 96.8%
	Limit 0.105 - 0.143
	Blank <0.001
	Standard name DMR-0266-CNT
Tin (Sn) mg/L	Result 0.239
	Accuracy 99.2%
	Limit 0.205 - 0.277
	Blank <0.001
	Standard name C00-046-705_X_1000
dissolved Tin (Sn) mg/L	Result 0.097
	Accuracy 97%
	Limit 0.0800 - 0.1200
	Blank <0.001
	Standard name DMR-0123-2016-Sn
Iron (Fe) mg/L	Result 0.801
	Accuracy 99.9%
	Limit 0.561 - 1.043
	Sample duplicate <0.001-<0.001
	Blank <0.01
Dissolved Iron (Fe) mg/L	Standard name C00-046-705_X_1000
	Result 1.12
	Accuracy 88%
	Limit 0.800 - 1.200
	Blank <0.01
Fluoride (F) mg/L	Standard name DMR-0219-2017-Eu
	Result 13.5
	Accuracy 81.6%
	Limit 9.1 - 13.7
	Sample duplicate 0.01-<0.01
Lithium (Li) mg/L	Blank <0.02
	Standard name DMR-0266-2017-F
	Result 2.40
	Accuracy 95.7%
	Limit 2.13 - 2.47
Dissolved Lithium (Li) mg/L	Standard name DMR-0219-2017-Eu
	Result 0.754
	Accuracy 89.1%
	Limit 0.677 - 1.015
	Blank <0.005

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Quality control Report

Lab number: V-64974

Sample name: NP2 East KIA

Sampling location: NP2 East KIA

Sampling date: June 26, 2017

Sampling hour: 17:30

Parameter	
	Standard name DMR-0219-2017-Eu
	Result 0.797
	Accuracy 94.2%
	Limit 0.677 - 1.015
Total Suspended Solids mg/L	Blank <1
	Standard name STD-MES 25mg/L
	Result 27
	Accuracy 92%
	Limit 19 - 31
Magnesium (Mg) mg/L	Blank <0.02
	Standard name C00-046-705_X_1000
	Result 1.11
	Accuracy 89%
	Limit 0.800 - 1.200
Manganese (Mn) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1095
	Accuracy 90.5%
	Limit 0.0800 - 0.1200
Dissolved Manganese (Mn) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 4.600
	Accuracy 82.1%
	Limit 3.12 - 4.68
	Sample duplicate <0.0005-<0.0005
Mercury (Hg) mg/L	Blank <0.00001
	Standard name DMR-0219-2017-HgEu
	Result 0.00062
	Accuracy 88.6%
	Limit 0.00042 - 0.00098
Dissolved Mercury (Hg) mg/L	Blank <0.00001
	Standard name DMR-0219-2017-HgEu
	Result 0.00058
	Accuracy 82.9%
	Limit 0.00042 - 0.00098
Molybdenum (Mo) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0978
	Accuracy 97.8%
	Limit 0.0800 - 0.1200

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Quality control Report

Lab number: V-64974

Sample name: NP2 East KIA

Sampling location: NP2 East KIA

Sampling date: June 26, 2017

Sampling hour: 17:30

Parameter

Dissolved Molybdenum (Mo) mg/ Blank <0.0005
Standard name DMR-0219-2017-Eu
Result 0.6698
Accuracy 94.6%
Limit 0.566 - 0.850

Nickel (Ni) mg/L Sample duplicate <0.0005-<0.0005
Blank <0.0005
Standard name C00-046-705_X_1000
Result 0.1067
Accuracy 93.3%
Limit 0.0800 - 0.1200

Dissolved Nickel (Ni) mg/L Blank <0.0005
Standard name DMR-0219-2017-Eu
Result 1.238
Accuracy 91.4%
Limit 0.91 - 1.37

Nitrate (NO3) mg N/L Sample duplicate 0.0059-0.0059
Blank <0.01
Nitrite (NO2) mg N/L Blank <0.01
Standard name DMR-0266-2017-NO2-2
Result 2.66
Accuracy 98.2%
Limit 2.30 - 3.12

Ortho-Phosphate (O-PO4) mg P/ Blank <0.01
Standard name DMR-0266-2017-OPO4
Result 0.59
Accuracy 100%
Limit 0.52 - 0.66

pH Standard name STD pH 7.0
Result 7.01
Accuracy 99.9%
Limit 6.96 - 7.04

Lead (Pb) mg/L Blank <0.0003
Standard name C00-046-705_X_1000
Result 0.0843
Accuracy 84.3%
Limit 0.0800 - 0.1200

Dissolved Lead (Pb) mg/L Blank <0.0003
Standard name DMR-0219-2017-Eu
Result 0.9698

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Quality control Report

Lab number: V-64974

Sample name: NP2 East KIA

Sampling location: NP2 East KIA

Sampling date: June 26, 2017

Sampling hour: 17:30

Parameter	
Potassium (K) mg/L	Accuracy 92.6% Limit 0.722 - 1.084 Sample duplicate 0.0337-0.0337 Blank <0.05 Standard name C00-046-705_X_1000
Selenium (Se) mg/L	Result 1.07 Accuracy 93% Limit 0.800 - 1.200 Blank <0.001 Standard name C00-046-705_X_1000
Dissolved Selenium (Se) mg/L	Result 0.1 Accuracy 100% Limit 0.0800 - 0.1200 Blank <0.001 Standard name DMR-0219-2017-Eu
Sodium (Na) mg/L	Result 1.47 Accuracy 91.1% Limit 1.08 - 1.62 Sample duplicate <0.001-<0.001 Blank <0.05 Standard name C00-046-705_X_1000
Strontium (Sr) mg/L	Result 1.19 Accuracy 81% Limit 0.800 - 1.200 Standard name DMR-0219-2017-Eu
dissolved Strontium (Sr) mg/L	Result 1.29 Accuracy 95.1% Limit 0.98 - 1.48 Blank <0.005 Standard name DMR-0219-2017-Eu
Sulfate (SO4) mg SO4/L	Result 1.28 Accuracy 95.9% Limit 0.98 - 1.48 Blank <0.6 Standard name DMR-0266-2017-SO4
Tellurium (Te) mg/L	Result 117 Accuracy 95.1% Limit 114 - 132 Blank <0.0005 Standard name C00-046-705_X_1000

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Quality control Report

Lab number: V-64974

Sample name: NP2 East KIA

Sampling location: NP2 East KIA

Sampling date: June 26, 2017

Sampling hour: 17:30

Parameter	
Thallium (Tl) mg/L	Result 0.1011
	Accuracy 98.9%
	Limit 0.0800 - 0.1200
	Standard name TI-S140909023-1000ppm
Dissolved thallium (Tl) mg/L	Result 923
	Accuracy 92.3%
	Limit 800 - 1200
	Blank <0.0008
Thiocyanate (SCN) mg SCN/L	Standard name TI-S140909023-1000ppm
	Result 935
	Accuracy 93.5%
	Limit 800 - 1200
Thiosulfates (S2O3) mg S2O3/L	Blank <0.05
	Standard name STD SCN 568ppm
	Result 616
	Accuracy 91.5%
Titanium (Ti) mg/L	Limit 398 - 738
	Blank <0.02
	Standard name S2O3-225ppm
	Result 212
Dissolved titanium (Ti) mg/L	Accuracy 94.2%
	Limit 158 - 293
	Blank <0.01
	Sample duplicate 0.01-0.01
Turbidity UTN	Standard name DMR-0266-2017-Turb
	Result 5.01
	Accuracy 96.5%
	Limit 4.41 - 5.97
Uranium (U) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.116
	Accuracy 84%
Dissolved Uranium (U) mg/L	Limit 0.0800 - 0.1200
	Blank <0.001
	Standard name DMR-0219-2017-Eu
	Result 1.98
	Accuracy 87.5%
	Limit 1.41 - 2.11
	Sample duplicate <0.001-<0.001

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Quality control Report

Lab number: V-64974

Sample name: NP2 East KIA

Sampling location: NP2 East KIA

Sampling date: June 26, 2017

Sampling hour: 17:30

Parameter

Vanadium (V) mg/L	Blank	<0.0005
	Standard name	C00-046-705_X_1000
	Result	0.1018
	Accuracy	98.2%
	Limit	0.0800 - 0.1200
Dissolved Vanadium mg/L	Blank	<0.0005
	Standard name	DMR-0219-2017-Eu
	Result	2.304
	Accuracy	84.2%
	Limit	1.59 - 2.39
Zinc (Zn) mg/L	Sample duplicate	<0.0005-<0.0005
	Blank	<0.001
	Standard name	C00-046-705_X_1000
	Result	0.102
	Accuracy	98%
Dissolved Zinc mg/L	Blank	<0.001
	Standard name	DMR-0219-2017-Eu
	Result	4.95
	Accuracy	91.4%
	Limit	3.65 - 5.47
	Sample duplicate	0.001-0.001

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Additional information

Lab number: V-64974

Sample name: NP2 East KIA

Sampling location: NP2 East KIA

Sampling date: June 26, 2017

Sampling hour: 17:30

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-CL-2.0	MA.300-Ions 1.3
M-COUL-1.0	MA.103-Col. 2.0
M-CN-1.0	MA.300-CN 1.2
M-CI-1.0	MA.300-Anions 1.0
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-P-2.0	MA.303-P 1.1
M-SULF-2.0	MA.300-Ions 1.3
M-TURB-1.0	MA.103-Tur. 1.0

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-64972

Sampling location: NP2 South KIA

Sampling date: June 26, 2017

Sample name: NP2 South KIA

Sampling hour: 17:45

Sampled by: Fanny Laporte, Mhaly BC

Date received: June 28, 2017

Matrix: Water

Drinking water distribution:

Reported on: July 24, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Lab number: V-64972

Sample name: NP2 South KIA

Sampling date: June 26, 2017

Sampling location: NP2 South KIA

Sampling hour: 17:45

Parameter	Result	Method name	Analysis date
Alkalinity	53 mg CaCO ₃ /L	M-TIT-1.0	June 28, 2017
Aluminium (Al)	0.04 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Antimony (Sb)	<0.0001 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Antimony (Sb)	<0.0001 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	<0.05 mg N/L	Sous-traitance\H2Lab inc. (SAM)	July 04, 2017
Kjeldahl nitrogen	<0.7 mg N/L	Sous-traitance\H2Lab inc. (SAM)	July 05, 2017
Barium (Ba)	0.0054 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Barium (Ba)	0.005 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
bicarbonate (HCO ₃)	53 mg CaCO ₃ /L	M-TIT-1.0	June 28, 2017
Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Bromides	0.03 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Calcium (Ca)	17.9 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Carbonate (CO ₃)	<2 mg CaCO ₃ /L	M-TIT-1.0	June 28, 2017
Dissolved Organic Carbon (D.O.C.)	5.7 mg/L	M-COT-1.0	June 28, 2017
Total Organic Carbon (T.O.C.)	5.7 mg/L	M-COT-1.0	June 28, 2017
Chlorophyll A	0.59 µg/L	Sous-traitance\H2Lab inc. (SAM)	July 18, 2017
Chloride	4.1 mg/L	Sous-traitance\Multilab Direct	June 29, 2017
Chrome (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Chromium (Cr)	0.0014 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Cobalt (Co)	0.001 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Cobalt (Co)	0.0012 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Conductivity	207 µmhos/cm	M-TIT-1.0	June 28, 2017
Colour	5 Colour units	Sous-traitance\Multilab Direct	June 29, 2017
Copper (Cu)	0.0037 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Copper (Cu)	0.0034 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Cyanide W.A.D.	<0.001 mg/L	Sous-traitance\Multilab Direct	June 29, 2017
Total Cyanide (CNT)	<0.001 mg/L	Sous-traitance\Multilab Direct	June 29, 2017
Hardness	70 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	June 30, 2017
Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
dissolved Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	June 30, 2017

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Analytical Report

Lab number: V-64972

Sample name: NP2 South KIA

Sampling location: NP2 South KIA

Sampling date: June 26, 2017

Sampling hour: 17:45

Parameter	Result	Method name	Analysis date
Iron (Fe)	0.09 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Iron (Fe)	0.01 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Fluoride (F)	0.13 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Total Suspended Solids	2 mg/L	M-SOLI-1.0	June 29, 2017
Magnesium (Mg)	6.26 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Manganese (Mn)	0.0119 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Manganese (Mn)	0.0007 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	July 04, 2017
Dissolved Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	July 04, 2017
Molybdenum (Mo)	<0.0005 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Molybdenum (Mo)	<0.0005 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Ammonia NH3 (non-ionized)	<0.05 mg N/L	Sous-traitance\H2Lab inc. (SAM)	July 04, 2017
Nickel (Ni)	0.0061 mg/L	Sous-traitance\Multilab Direct	July 05, 2017
Dissolved Nickel (Ni)	0.0041 mg/L	Sous-traitance\Multilab Direct	July 05, 2017
Nitrate (NO3)	0.16 mg N/L	Sous-traitance\Multilab Direct	June 29, 2017
Nitrite (NO2)	<0.01 mg N/L	Sous-traitance\Multilab Direct	June 29, 2017
Ortho-Phosphate (O-PO4)	<0.01 mg P/L	Sous-traitance\Multilab Direct	June 29, 2017
Dissolved oxygen	9.9 mg/L	Sous-traitance\Multilab Direct	June 29, 2017
pH	7.63	M-TIT-1.0	June 28, 2017
Total Phosphorus (P)	0.0052 mg P/L	Sous-traitance\H2Lab inc. (SAM)	July 13, 2017
Lead (Pb)	0.0023 mg/L	Sous-traitance\Multilab Direct	July 05, 2017
Dissolved Lead (Pb)	0.0012 mg/L	Sous-traitance\Multilab Direct	July 05, 2017
Potassium (K)	2.35 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Reactive silica (SiO2)	0.62 mg/L	Sous-traitance\Maxxam	July 04, 2017
Sodium (Na)	11 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Solids	138 mg/L	M-TIT-1.0	June 28, 2017
Strontium (Sr)	0.074 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
dissolved Strontium (Sr)	0.064 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Sulfate (SO4)	42.6 mg SO4/L	Sous-traitance\Multilab Direct	July 07, 2017
Tellurium (Te)	<0.0005 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Thiocyanate (SCN)	<0.05 mg SCN/L	Sous-traitance\Multilab Direct	July 07, 2017
Thiosulfates (S2O3)	<0.02 mg S2O3/L	Sous-traitance\Multilab Direct	July 05, 2017
Titanium (Ti)	0.01 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved titanium (Ti)	0.01 mg/L	Sous-traitance\Multilab Direct	June 30, 2017

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Analytical Report

Lab number: V-64972

Sample name: NP2 South KIA

Sampling date: June 26, 2017

Sampling location: NP2 South KIA

Sampling hour: 17:45

Parameter	Result	Method name	Analysis date
Turbidity	1.66 NTU	Sous-traitance\Multilab Direct	June 29, 2017
Uranium (U)	<0.001 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Uranium (U)	<0.001 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Vanadium (V)	<0.0005 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Vanadium	<0.0005 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Zinc (Zn)	0.004 mg/L	Sous-traitance\Multilab Direct	July 05, 2017
Dissolved Zinc	<0.001 mg/L	Sous-traitance\Multilab Direct	July 05, 2017

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Quality control Report

Lab number: V-64972

Sample name: NP2 South KIA

Sampling date: June 26, 2017

Sampling location: NP2 South KIA

Sampling hour: 17:45

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 143 Accuracy 98.6% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006
	Standard name C00-046-705_X_1000 Result 1.17 Accuracy 83% Limit 0.800 - 1.200
Dissolved Aluminium (Al) mg/L	Blank <0.006
	Standard name DMR-0219-2017-Eu Result 7.31 Accuracy 83.4% Limit 5.02 - 7.52
Antimony (Sb) mg/L	Blank <0.0001
	Standard name C00-046-705_X_1000 Result 0.0099 Accuracy 99% Limit 0.0080 - 0.0120
Dissolved Antimony (Sb) mg/L	Blank <0.0001
	Standard name DMR-0219-2017-Eu Result 0.1909 Accuracy 86% Limit 0.178 - 0.266
Silver (Ag) mg/L	Blank <0.0001
	Standard name DMR-0013-2017-Ag Result 0.0444 Accuracy 95.3% Limit 0.0339 - 0.0509
Dissolved Silver (Ag) mg/L	Blank <0.0001
	Standard name DMR-0013-2017-Ag Result 0.0480 Accuracy 86.8% Limit 0.0339 - 0.0509
Arsenic (As) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000 Result 0.1012 Accuracy 98.8% Limit 0.0700 - 0.1300
Dissolved Arsenic (As) mg/L	Blank <0.0005

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Quality control Report

Lab number: V-64972

Sample name: NP2 South KIA

Sampling date: June 26, 2017

Sampling location: NP2 South KIA

Sampling hour: 17:45

Parameter	
Barium (Ba) mg/L	Standard name DMR-0219-2017-Eu
	Result 0.3091
	Accuracy 91.2%
	Limit 0.199 - 0.369
	Blank <0.0005
Dissolved Barium (Ba) mg/L	Standard name C00-046-705_X_1000
	Result 0.0981
	Accuracy 98.1%
	Limit 0.0800 - 0.1200
	Blank <0.0005
Beryllium (Be) mg/L	Standard name DMR-0219-2017-Eu
	Result 2.621
	Accuracy 92.1%
	Limit 1.94 - 2.92
	Blank <0.0005
Dissolved Beryllium (Be) mg/L	Standard name C00-046-705_X_1000
	Result 0.1108
	Accuracy 89.2%
	Limit 0.0800 - 0.1200
	Blank <0.0005
Boron (B) mg/L	Standard name DMR-0219-2017-Eu
	Result 1.793
	Accuracy 94.5%
	Limit 1.36 - 2.04
	Blank <0.01
Dissolved Boron (B) mg/L	Standard name C00-046-705_X_1000
	Result 1.15
	Accuracy 85%
	Limit 0.800 - 1.200
	Blank <0.01
Bromides mg/L	Standard name DMR-0219-2017-Eu
	Result 3.19
	Accuracy 89.2%
	Limit 2.30 - 3.46
	Blank <0.0002
Cadmium (Cd) mg/L	Standard name DMR-0119-2017-Br
	Result 5.01
	Accuracy 89%
	Limit 4.50 - 6.76
	Blank <0.00002
Cadmium (Cd) mg/L	Standard name C00-046-705_X_1000

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Quality control Report

Lab number: V-64972

Sample name: NP2 South KIA

Sampling date: June 26, 2017

Sampling location: NP2 South KIA

Sampling hour: 17:45

Parameter	
	Result 0.10083
	Accuracy 99.2%
	Limit 0.0800 - 0.1200
Dissolved Cadmium (Cd) mg/L	Blank <0.00002
	Standard name DMR-0219-2017-Eu
	Result 1.0003
	Accuracy 89%
	Limit 0.721 - 1.081
Calcium (Ca) mg/L	Blank <0.03
	Standard name C00-046-705_X_1000
	Result 0.97
	Accuracy 97%
	Limit 0.800 - 1.200
Dissolved Organic Carbon (D.O.C.) mg/L	Blank <0.2
	Standard name COD 10mg/L
	Result 12
	Accuracy 80%
	Limit 8 - 12
Total Organic Carbon (T.O.C.) mg/L	Blank <0.2
	Standard name COT 10mg/L
	Result 12
	Accuracy 80%
	Limit 8 - 12
Chloride mg/L	Blank <0.5
	Standard name DMR-0266-2017-Cl
	Result 113
	Accuracy 95.4%
	Limit 95 - 121
Chrome (Cr) mg/L	Blank <0.0006
	Standard name C00-046-705_X_1000
	Result 0.1061
	Accuracy 93.9%
	Limit 0.0800 - 0.1200
Dissolved Chromium (Cr) mg/L	Blank <0.0006
	Standard name DMR-0219-2017-Eu
	Result 4.836
	Accuracy 80.6%
	Limit 3.24 - 4.86
Cobalt (Co) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000

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Quality control Report

Lab number: V-64972

Sample name: NP2 South KIA

Sampling location: NP2 South KIA

Sampling date: June 26, 2017

Sampling hour: 17:45

Parameter	
Dissolved Cobalt (Co) mg/L	Result 0.1044
	Accuracy 95.6%
	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name DMR-0219-2017-Eu
Conductivity µmhos/cm	Result 1.743
	Accuracy 88.3%
	Limit 1.25 - 1.87
	Standard name STD cond maison
	Result 1410
Colour UCV	Accuracy 99.6%
	Limit 1203 - 1627
	Blank <1
	Standard name DMR-0266-2017-Coul
	Result 20
Copper (Cu) mg/L	Accuracy 95.3%
	Limit 14.8 - 23.4
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.106
Dissolved Copper (Cu) mg/L	Accuracy 94%
	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.523
Cyanide W.A.D. mg/L	Accuracy 81%
	Limit 1.02 - 1.54
	Blank <0.001
	Standard name DMR-0266-CNT
	Result 0.120
Total Cyanide (CNT) mg/L	Accuracy 96.8%
	Limit 0.105 - 0.143
	Blank <0.001
	Standard name DMR-0266-CNT
	Result 0.239
Tin (Sn) mg/L	Accuracy 99.2%
	Limit 0.205 - 0.277
	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.097

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Quality control Report

Lab number: V-64972

Sample name: NP2 South KIA

Sampling location: NP2 South KIA

Sampling date: June 26, 2017

Sampling hour: 17:45

Parameter	
dissolved Tin (Sn) mg/L	Accuracy 97%
	Limit 0.0800 - 0.1200
	Blank <0.001
	Standard name DMR-0123-2016-Sn
	Result 0.801
Iron (Fe) mg/L	Accuracy 99.9%
	Limit 0.561 - 1.043
	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.12
Dissolved Iron (Fe) mg/L	Accuracy 88%
	Limit 0.800 - 1.200
	Blank <0.01
	Standard name DMR-0219-2017-Eu
	Result 13.5
Fluoride (F) mg/L	Accuracy 81.6%
	Limit 9.1 - 13.7
	Blank <0.02
	Standard name DMR-0266-2017-F
	Result 2.40
Lithium (Li) mg/L	Accuracy 95.7%
	Limit 2.13 - 2.47
	Standard name DMR-0219-2017-Eu
	Result 0.754
	Accuracy 89.1%
Dissolved Lithium (Li) mg/L	Limit 0.677 - 1.015
	Blank <0.005
	Standard name DMR-0219-2017-Eu
	Result 0.797
	Accuracy 94.2%
Total Suspended Solids mg/L	Limit 0.677 - 1.015
	Blank <1
	Standard name STD-MES 25mg/L
	Result 27
	Accuracy 92%
Magnesium (Mg) mg/L	Limit 19 - 31
	Blank <0.02
	Standard name C00-046-705_X_1000
	Result 1.11
	Accuracy 89%

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Quality control Report

Lab number: V-64972

Sample name: NP2 South KIA

Sampling location: NP2 South KIA

Sampling date: June 26, 2017

Sampling hour: 17:45

Parameter	
Manganese (Mn) mg/L	Limit 0.800 - 1.200
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1095
	Accuracy 90.5%
Dissolved Manganese (Mn) mg/L	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 4.600
	Accuracy 82.1%
Mercury (Hg) mg/L	Limit 3.12 - 4.68
	Blank <0.00001
	Standard name DMR-0219-2017-HgEu
	Result 0.00062
	Accuracy 88.6%
Dissolved Mercury (Hg) mg/L	Limit 0.00042 - 0.00098
	Sample duplicate <0.00001-<0.00001
	Blank <0.00001
	Standard name DMR-0219-2017-HgEu
	Result 0.00058
Accuracy 82.9%	
Molybdenum (Mo) mg/L	Limit 0.00042 - 0.00098
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0978
	Accuracy 97.8%
Dissolved Molybdenum (Mo) mg/L	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 0.6698
	Accuracy 94.6%
Nickel (Ni) mg/L	Limit 0.566 - 0.850
	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.113
	Accuracy 97.6%
Dissolved Nickel (Ni) mg/L	Limit 0.91 - 1.37
	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.134

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Quality control Report

Lab number: V-64972

Sample name: NP2 South KIA

Sampling location: NP2 South KIA

Sampling date: June 26, 2017

Sampling hour: 17:45

Parameter	
	Accuracy 99.5%
	Limit 0.91 - 1.37
Nitrate (NO ₃) mg N/L	Blank <0.01
Nitrite (NO ₂) mg N/L	Blank <0.01
	Standard name DMR-0266-2017-NO2-2
	Result 2.66
	Accuracy 98.2%
	Limit 2.30 - 3.12
Ortho-Phosphate (O-PO ₄) mg P/	Blank <0.01
	Standard name DMR-0266-2017-OPO4
	Result 0.59
	Accuracy 100%
	Limit 0.52 - 0.66
pH	Standard name STD pH 7.0
	Result 7.01
	Accuracy 99.9%
	Limit 6.96 - 7.04
Lead (Pb) mg/L	Blank <0.0003
	Standard name DMR-0219-2017-Eu
	Result 0.9036
	Accuracy 99.9%
	Limit 0.722 - 1.084
Dissolved Lead (Pb) mg/L	Blank <0.0003
	Standard name DMR-0219-2017-Eu
	Result 0.9183
	Accuracy 98.3%
	Limit 0.722 - 1.084
Potassium (K) mg/L	Blank <0.05
	Standard name C00-046-705_X_1000
	Result 1.07
	Accuracy 93%
	Limit 0.800 - 1.200
Selenium (Se) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.1
	Accuracy 100%
	Limit 0.0800 - 0.1200
Dissolved Selenium (Se) mg/L	Blank <0.001
	Standard name DMR-0219-2017-Eu
	Result 1.47

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Quality control Report

Lab number: V-64972

Sample name: NP2 South KIA

Sampling date: June 26, 2017

Sampling location: NP2 South KIA

Sampling hour: 17:45

Parameter	
Sodium (Na) mg/L	Accuracy 91.1%
	Limit 1.08 - 1.62
	Blank <0.05
	Standard name C00-046-705_X_1000
	Result 1.19
Strontium (Sr) mg/L	Accuracy 81%
	Limit 0.800 - 1.200
	Standard name DMR-0219-2017-Eu
	Result 1.29
dissolved Strontium (Sr) mg/L	Accuracy 95.1%
	Limit 0.98 - 1.48
	Blank <0.005
	Standard name DMR-0219-2017-Eu
	Result 1.28
Sulfate (SO4) mg SO4/L	Accuracy 95.9%
	Limit 0.98 - 1.48
	Blank <0.6
	Standard name DMR-0266-2017-SO4
	Result 117
Tellurium (Te) mg/L	Accuracy 95.1%
	Limit 114 - 132
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1011
Thallium (TI) mg/L	Accuracy 98.9%
	Limit 0.0800 - 0.1200
	Standard name TI-S140909023-1000ppm
	Result 923
Dissolved thallium (TI) mg/L	Accuracy 92.3%
	Limit 800 - 1200
	Blank <0.0008
	Standard name TI-S140909023-1000ppm
	Result 935
Thiocyanate (SCN) mg SCN/L	Accuracy 93.5%
	Limit 800 - 1200
	Blank <0.05
	Standard name STD SCN 568ppm
	Result 616
	Accuracy 91.5%
	Limit 398 - 738

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Quality control Report

Lab number: V-64972

Sample name: NP2 South KIA

Sampling location: NP2 South KIA

Sampling date: June 26, 2017

Sampling hour: 17:45

Parameter

Thiosulfates (S2O3) mg S2O3/L	Blank <0.02
	Standard name S2O3-225ppm
	Result 212
	Accuracy 94.2%
	Limit 158 - 293
Titanium (Ti) mg/L	Blank <0.01
Dissolved titanium (Ti) mg/L	Blank <0.01
Turbidity UTN	Standard name DMR-0266-2017-Turb
	Result 5.01
	Accuracy 96.5%
	Limit 4.41 - 5.97
Uranium (U) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.116
	Accuracy 84%
	Limit 0.0800 - 0.1200
Dissolved Uranium (U) mg/L	Blank <0.001
	Standard name DMR-0219-2017-Eu
	Result 1.98
	Accuracy 87.5%
	Limit 1.41 - 2.11
Vanadium (V) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1018
	Accuracy 98.2%
	Limit 0.0800 - 0.1200
Dissolved Vanadium mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 2.304
	Accuracy 84.2%
	Limit 1.59 - 2.39
Zinc (Zn) mg/L	Blank <0.001
	Standard name DMR-0219-2017-Eu
	Result 4.55
	Accuracy 99.8%
	Limit 3.65 - 5.47
Dissolved Zinc mg/L	Blank <0.001
	Standard name DMR-0219-2017-Eu
	Result 4.67
	Accuracy 97.6%

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Additional information

Lab number: V-64972

Sample name: NP2 South KIA

Sampling location: NP2 South KIA

Sampling date: June 26, 2017

Sampling hour: 17:45

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-CL-2.0	MA.300-Ions 1.3
M-COUL-1.0	MA.103-Col. 2.0
M-CN-1.0	MA.300-CN 1.2
M-CI-1.0	MA.300-Anions 1.0
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-P-2.0	MA.303-P 1.1
M-SULF-2.0	MA.300-Ions 1.3
M-TURB-1.0	MA.103-Tur. 1.0

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-64973

Sampling location: NP2 West KIA

Sampling date: June 26, 2017

Sample name: NP2 West KIA

Sampling hour: 18:00

Sampled by: Fanny Laporte, Mhaly BC

Date received: June 28, 2017

Matrix: Water

Drinking water distribution:

Reported on: July 24, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Lab number: V-64973

Sample name: NP2 West KIA

Sampling location: NP2 West KIA

Sampling date: June 26, 2017

Sampling hour: 18:00

Parameter	Result	Method name	Analysis date
Alkalinity	52 mg CaCO ₃ /L	M-TIT-1.0	June 28, 2017
Aluminium (Al)	0.056 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Antimony (Sb)	<0.0001 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Antimony (Sb)	<0.0001 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	<0.05 mg N/L	Sous-traitance\H2Lab inc. (SAM)	July 04, 2017
Kjeldahl nitrogen	<0.7 mg N/L	Sous-traitance\H2Lab inc. (SAM)	July 05, 2017
Barium (Ba)	0.0052 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Barium (Ba)	0.0035 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
bicarbonate (HCO ₃)	52 mg CaCO ₃ /L	M-TIT-1.0	June 28, 2017
Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Bromides	0.03 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Calcium (Ca)	18.6 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Carbonate (CO ₃)	<2 mg CaCO ₃ /L	M-TIT-1.0	June 28, 2017
Dissolved Organic Carbon (D.O.C.)	6.0 mg/L	M-COT-1.0	June 28, 2017
Total Organic Carbon (T.O.C.)	6.0 mg/L	M-COT-1.0	June 28, 2017
Chlorophyll A	1.2 µg/L	Sous-traitance\H2Lab inc. (SAM)	July 18, 2017
Chloride	4.1 mg/L	Sous-traitance\Multilab Direct	June 29, 2017
Chrome (Cr)	0.0006 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Chromium (Cr)	0.0009 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Cobalt (Co)	<0.0005 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Cobalt (Co)	<0.0005 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Conductivity	203 µmhos/cm	M-TIT-1.0	June 28, 2017
Colour	5 Colour units	Sous-traitance\Multilab Direct	June 29, 2017
Copper (Cu)	0.0035 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Copper (Cu)	0.0024 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Cyanide W.A.D.	<0.001 mg/L	Sous-traitance\Multilab Direct	June 29, 2017
Total Cyanide (CNT)	<0.001 mg/L	Sous-traitance\Multilab Direct	June 29, 2017
Hardness	73 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	June 30, 2017
Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
dissolved Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	June 30, 2017

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Analytical Report

Lab number: V-64973

Sample name: NP2 West KIA

Sampling date: June 26, 2017

Sampling location: NP2 West KIA

Sampling hour: 18:00

Parameter	Result	Method name	Analysis date
Iron (Fe)	0.08 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Iron (Fe)	0.01 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Fluoride (F)	0.13 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Total Suspended Solids	3 mg/L	M-SOLI-1.0	June 29, 2017
Magnesium (Mg)	6.48 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Manganese (Mn)	0.0175 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Manganese (Mn)	0.0006 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	July 04, 2017
Dissolved Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	July 04, 2017
Molybdenum (Mo)	<0.0005 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Molybdenum (Mo)	<0.0005 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Ammonia NH3 (non-ionized)	<0.05 mg N/L	Sous-traitance\H2Lab inc. (SAM)	July 04, 2017
Nickel (Ni)	0.0055 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Nickel (Ni)	0.0042 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Nitrate (NO3)	0.14 mg N/L	Sous-traitance\Multilab Direct	June 29, 2017
Nitrite (NO2)	<0.01 mg N/L	Sous-traitance\Multilab Direct	June 29, 2017
Ortho-Phosphate (O-PO4)	<0.01 mg P/L	Sous-traitance\Multilab Direct	June 29, 2017
Dissolved oxygen	10.0 mg/L	Sous-traitance\Multilab Direct	June 29, 2017
pH	7.91	M-TIT-1.0	June 28, 2017
Total Phosphorus (P)	0.0045 mg P/L	Sous-traitance\H2Lab inc. (SAM)	July 13, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	July 05, 2017
Dissolved Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	July 05, 2017
Potassium (K)	2.29 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Reactive silica (SiO2)	0.94 mg/L	Sous-traitance\Maxxam	July 04, 2017
Sodium (Na)	8.6 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Solids	135 mg/L	M-TIT-1.0	June 28, 2017
Strontium (Sr)	0.074 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
dissolved Strontium (Sr)	0.064 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Sulfate (SO4)	43.5 mg SO4/L	Sous-traitance\Multilab Direct	July 07, 2017
Tellurium (Te)	<0.0005 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Thiocyanate (SCN)	<0.05 mg SCN/L	Sous-traitance\Multilab Direct	July 07, 2017
Thiosulfates (S2O3)	<0.02 mg S2O3/L	Sous-traitance\Multilab Direct	July 05, 2017
Titanium (Ti)	0.02 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved titanium (Ti)	0.01 mg/L	Sous-traitance\Multilab Direct	June 30, 2017

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Analytical Report

Lab number: V-64973

Sample name: NP2 West KIA

Sampling date: June 26, 2017

Sampling location: NP2 West KIA

Sampling hour: 18:00

Parameter	Result	Method name	Analysis date
Turbidity	2.31 NTU	Sous-traitance\Multilab Direct	June 29, 2017
Uranium (U)	0.001 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Uranium (U)	<0.001 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Vanadium (V)	<0.0005 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Vanadium	<0.0005 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Zinc (Zn)	<0.001 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Zinc	<0.001 mg/L	Sous-traitance\Multilab Direct	June 30, 2017

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Detection limit

Lab number: V-64973

Sample name: NP2 West KIA

Sampling date: June 26, 2017

Sampling location: NP2 West KIA

Sampling hour: 18:00

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO ₃ /L	M-TIT-1.0	
Aluminium (Al)	0.006	mg/L	Sous-traitance	
Dissolved Aluminium (Al)	0.006	mg/L	Sous-traitance	
Antimony (Sb)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Antimony (Sb)	0.0001	mg/L	Sous-traitance	
Silver (Ag)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Silver (Ag)	0.0001	mg/L	Sous-traitance	
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Arsenic (As)	0.0005	mg/L	Sous-traitance	
Kjeldahl nitrogen	0.07	mg N/L	Sous-traitance	
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Barium (Ba)	0.0005	mg/L	Sous-traitance	
Beryllium (Be)	0.0005	mg/L	Sous-traitance	
Dissolved Beryllium (Be)	0.0005	mg/L	Sous-traitance	
bicarbonate (HCO ₃)	2	mg CaCO ₃ /L	M-TIT-1.0	
Boron (B)	0.01	mg/L	Sous-traitance	Yes
Dissolved Boron (B)	0.01	mg/L	Sous-traitance	
Bromides	0.01	mg/L	Sous-traitance	
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Dissolved Cadmium (Cd)	0.00002	mg/L	Sous-traitance	
Calcium (Ca)	0.03	mg/L	Sous-traitance	Yes
Carbonate (CO ₃)	2	mg CaCO ₃ /L	M-TIT-1.0	
Dissolved Organic Carbon (D.O.C.)	0.2	mg/L	M-COT-1.0	--
Total Organic Carbon (T.O.C.)	0.2	mg/L	M-COT-1.0	Yes
Chlorophyll A	0.13	µg/L	Sous-traitance	
Chloride	0.5	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Dissolved Chromium (Cr)	0.0006	mg/L	Sous-traitance	
Cobalt (Co)	0.0005	mg/L	Sous-traitance	
Dissolved Cobalt (Co)	0.0005	mg/L	Sous-traitance	
Conductivity	1	µmhos/cm	M-TIT-1.0	Yes
Colour	1	UCV	Sous-traitance	Yes
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Copper (Cu)	0.0005	mg/L	Sous-traitance	
Cyanide W.A.D.	0.001	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO ₃ /L	Sous-traitance	
Tin (Sn)	0.001	mg/L	Sous-traitance	Yes
dissolved Tin (Sn)	0.001	mg/L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes

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Detection limit

Lab number: V-64973

Sample name: NP2 West KIA

Sampling date: June 26, 2017

Sampling location: NP2 West KIA

Sampling hour: 18:00

Parameter	Value	Unit	Method	Accreditation
Dissolved Iron (Fe)	0.01	mg/L	Sous-traitance	
Fluoride (F)	0.02	mg/L	Sous-traitance	Yes
Lithium (Li)	0.005	mg/L	Sous-traitance	
Dissolved Lithium (Li)	0.005	mg/L	Sous-traitance	
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Magnesium (Mg)	0.02	mg/L	Sous-traitance	Yes
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Manganese (Mn)	0.0005	mg/L	Sous-traitance	
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Dissolved Mercury (Hg)	0.00001	mg/L	Sous-traitance	
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Nickel (Ni)	0.0005	mg/L	Sous-traitance	
Nitrate (NO ₃)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO ₂)	0.01	mg N/L	Sous-traitance	Yes
Ortho-Phosphate (O-PO ₄)	0.01	mg P/L	Sous-traitance	Yes
Dissolved oxygen	0.1	mg/L	Sous-traitance	
pH			M-TIT-1.0	Yes
Total Phosphorus (P)	0.001	mg P/L	Sous-traitance	
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Dissolved Lead (Pb)	0.0003	mg/L	Sous-traitance	
Potassium (K)	0.05	mg/L	Sous-traitance	
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Dissolved Selenium (Se)	0.001	mg/L	Sous-traitance	
Reactive silica (SiO ₂)		mg/L	Sous-traitance	
Sodium (Na)	0.05	mg/L	Sous-traitance	Yes
Dissolved Solids	1	mg/L	M-TIT-1.0	
Strontium (Sr)	0.005	mg/L	Sous-traitance	
dissolved Strontium (Sr)	0.005	mg/L	Sous-traitance	
Sulfate (SO ₄)	0.6	mg SO ₄ /L	Sous-traitance	Yes
Tellurium (Te)	0.0005	mg/L	Sous-traitance	
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Dissolved thallium (Tl)	0.0008	mg/L	Sous-traitance	
Thiocyanate (SCN)	0.05	mg SCN/L	Sous-traitance	Yes
Thiosulfates (S ₂ O ₃)	0.02	mg S ₂ O ₃ /L	Sous-traitance	Yes
Titanium (Ti)	0.01	mg/L	Sous-traitance	
Dissolved titanium (Ti)	0.01	mg/L	Sous-traitance	
Turbidity	0.02	UTN	Sous-traitance	Yes
Uranium (U)	0.001	mg/L	Sous-traitance	

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Detection limit

Lab number: V-64973

Sample name: NP2 West KIA

Sampling date: June 26, 2017

Sampling location: NP2 West KIA

Sampling hour: 18:00

Parameter	Value	Unit	Method	Accreditation
Dissolved Uranium (U)	0.001	mg/L	Sous-traitance	
Vanadium (V)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Vanadium	0.0005	mg/L	Sous-traitance	
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes
Dissolved Zinc	0.001	mg/L	Sous-traitance	

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Quality control Report

Lab number: V-64973

Sample name: NP2 West KIA

Sampling location: NP2 West KIA

Sampling date: June 26, 2017

Sampling hour: 18:00

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 143 Accuracy 98.6% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006
	Standard name C00-046-705_X_1000 Result 1.17 Accuracy 83% Limit 0.800 - 1.200
Dissolved Aluminium (Al) mg/L	Blank <0.006
	Standard name DMR-0219-2017-Eu Result 7.31 Accuracy 83.4% Limit 5.02 - 7.52
Antimony (Sb) mg/L	Blank <0.0001
	Standard name C00-046-705_X_1000 Result 0.0099 Accuracy 99% Limit 0.0080 - 0.0120
Dissolved Antimony (Sb) mg/L	Blank <0.0001
	Standard name DMR-0219-2017-Eu Result 0.1909 Accuracy 86% Limit 0.178 - 0.266
Silver (Ag) mg/L	Blank <0.0001
	Standard name DMR-0013-2017-Ag Result 0.0444 Accuracy 95.3% Limit 0.0339 - 0.0509
Dissolved Silver (Ag) mg/L	Blank <0.0001
	Standard name DMR-0013-2017-Ag Result 0.0480 Accuracy 86.8% Limit 0.0339 - 0.0509
Arsenic (As) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000 Result 0.1012 Accuracy 98.8% Limit 0.0700 - 0.1300
Dissolved Arsenic (As) mg/L	Blank <0.0005

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Quality control Report

Lab number: V-64973

Sample name: NP2 West KIA

Sampling location: NP2 West KIA

Sampling date: June 26, 2017

Sampling hour: 18:00

Parameter	
Barium (Ba) mg/L	Standard name DMR-0219-2017-Eu
	Result 0.3091
	Accuracy 91.2%
	Limit 0.199 - 0.369
	Blank <0.0005
Dissolved Barium (Ba) mg/L	Standard name C00-046-705_X_1000
	Result 0.0981
	Accuracy 98.1%
	Limit 0.0800 - 0.1200
	Blank <0.0005
Beryllium (Be) mg/L	Standard name DMR-0219-2017-Eu
	Result 2.621
	Accuracy 92.1%
	Limit 1.94 - 2.92
	Blank <0.0005
Dissolved Beryllium (Be) mg/L	Standard name C00-046-705_X_1000
	Result 0.1108
	Accuracy 89.2%
	Limit 0.0800 - 0.1200
	Blank <0.0005
Boron (B) mg/L	Standard name DMR-0219-2017-Eu
	Result 1.793
	Accuracy 94.5%
	Limit 1.36 - 2.04
	Blank <0.01
Dissolved Boron (B) mg/L	Standard name C00-046-705_X_1000
	Result 1.15
	Accuracy 85%
	Limit 0.800 - 1.200
	Blank <0.01
Bromides mg/L	Standard name DMR-0219-2017-Eu
	Result 3.19
	Accuracy 89.2%
	Limit 2.30 - 3.46
	Blank <0.0002
Cadmium (Cd) mg/L	Standard name DMR-0119-2017-Br
	Result 5.01
	Accuracy 89%
	Limit 4.50 - 6.76
	Blank <0.00002
Standard name C00-046-705_X_1000	

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Quality control Report

Lab number: V-64973

Sample name: NP2 West KIA

Sampling location: NP2 West KIA

Sampling date: June 26, 2017

Sampling hour: 18:00

Parameter	
Dissolved Cadmium (Cd) mg/L	Result 0.10083
	Accuracy 99.2%
	Limit 0.0800 - 0.1200
	Blank <0.00002
	Standard name DMR-0219-2017-Eu
Calcium (Ca) mg/L	Result 1.0003
	Accuracy 89%
	Limit 0.721 - 1.081
	Blank <0.03
	Standard name C00-046-705_X_1000
Dissolved Organic Carbon (D.O.C.) mg/L	Result 0.97
	Accuracy 97%
	Limit 0.800 - 1.200
	Blank <0.2
	Standard name COD 10mg/L
Total Organic Carbon (T.O.C.) mg/L	Result 12
	Accuracy 80%
	Limit 8 - 12
	Blank <0.2
	Standard name COT 10mg/L
Chloride mg/L	Result 12
	Accuracy 80%
	Limit 8 - 12
	Blank <0.5
	Standard name DMR-0266-2017-Cl
Chrome (Cr) mg/L	Result 113
	Accuracy 95.4%
	Limit 95 - 121
	Blank <0.0006
	Standard name C00-046-705_X_1000
Dissolved Chromium (Cr) mg/L	Result 0.1061
	Accuracy 93.9%
	Limit 0.0800 - 0.1200
	Blank <0.0006
	Standard name DMR-0219-2017-Eu
Cobalt (Co) mg/L	Result 4.836
	Accuracy 80.6%
	Limit 3.24 - 4.86
	Blank <0.0005
	Standard name C00-046-705_X_1000

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Quality control Report

Lab number: V-64973

Sample name: NP2 West KIA

Sampling location: NP2 West KIA

Sampling date: June 26, 2017

Sampling hour: 18:00

Parameter	
Dissolved Cobalt (Co) mg/L	Result 0.1044
	Accuracy 95.6%
	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name DMR-0219-2017-Eu
Conductivity µmhos/cm	Result 1.743
	Accuracy 88.3%
	Limit 1.25 - 1.87
	Standard name STD cond maison
	Result 1410
Colour UCV	Accuracy 99.6%
	Limit 1203 - 1627
	Blank <1
	Standard name DMR-0266-2017-Coul
	Result 20
Copper (Cu) mg/L	Accuracy 95.3%
	Limit 14.8 - 23.4
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.106
Dissolved Copper (Cu) mg/L	Accuracy 94%
	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.523
Cyanide W.A.D. mg/L	Accuracy 81%
	Limit 1.02 - 1.54
	Blank <0.001
	Standard name DMR-0266-CNT
	Result 0.120
Total Cyanide (CNT) mg/L	Accuracy 96.8%
	Limit 0.105 - 0.143
	Blank <0.001
	Standard name DMR-0266-CNT
	Result 0.239
Tin (Sn) mg/L	Accuracy 99.2%
	Limit 0.205 - 0.277
	Blank <0.001
	Standard name DMR-0123-2016-Sn
	Result 0.669

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Quality control Report

Lab number: V-64973

Sample name: NP2 West KIA

Sampling location: NP2 West KIA

Sampling date: June 26, 2017

Sampling hour: 18:00

Parameter	
dissolved Tin (Sn) mg/L	Accuracy 83.4%
	Limit 0.642 - 0.962
	Blank <0.001
	Standard name DMR-0123-2016-Sn
	Result 0.801
Iron (Fe) mg/L	Accuracy 99.9%
	Limit 0.561 - 1.043
	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.12
Dissolved Iron (Fe) mg/L	Accuracy 88%
	Limit 0.800 - 1.200
	Blank <0.01
	Standard name DMR-0219-2017-Eu
	Result 13.5
Fluoride (F) mg/L	Accuracy 81.6%
	Limit 9.1 - 13.7
	Blank <0.02
	Standard name DMR-0266-2017-F
	Result 2.40
Lithium (Li) mg/L	Accuracy 95.7%
	Limit 2.13 - 2.47
	Sample duplicate 0.13-0.13
	Standard name DMR-0219-2017-Eu
	Result 0.754
Dissolved Lithium (Li) mg/L	Accuracy 89.1%
	Limit 0.677 - 1.015
	Blank <0.005
	Standard name DMR-0219-2017-Eu
	Result 0.797
Total Suspended Solids mg/L	Accuracy 94.2%
	Limit 0.677 - 1.015
	Blank <1
	Standard name STD-MES 25mg/L
	Result 27
Magnesium (Mg) mg/L	Accuracy 92%
	Limit 19 - 31
	Blank <0.02
	Standard name C00-046-705_X_1000
	Result 1.11

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Quality control Report

Lab number: V-64973

Sample name: NP2 West KIA

Sampling location: NP2 West KIA

Sampling date: June 26, 2017

Sampling hour: 18:00

Parameter	
Manganese (Mn) mg/L	Accuracy 89%
	Limit 0.800 - 1.200
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1095
Dissolved Manganese (Mn) mg/L	Accuracy 90.5%
	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 4.600
Mercury (Hg) mg/L	Accuracy 82.1%
	Limit 3.12 - 4.68
	Blank <0.00001
	Standard name DMR-0219-2017-HgEu
	Result 0.00062
Dissolved Mercury (Hg) mg/L	Accuracy 88.6%
	Limit 0.00042 - 0.00098
	Blank <0.00001
	Standard name DMR-0219-2017-HgEu
	Result 0.00058
Molybdenum (Mo) mg/L	Accuracy 82.9%
	Limit 0.00042 - 0.00098
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0978
Dissolved Molybdenum (Mo) mg/L	Accuracy 97.8%
	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 0.6698
Nickel (Ni) mg/L	Accuracy 94.6%
	Limit 0.566 - 0.850
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1067
Dissolved Nickel (Ni) mg/L	Accuracy 93.3%
	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.238

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Quality control Report

Lab number: V-64973

Sample name: NP2 West KIA

Sampling location: NP2 West KIA

Sampling date: June 26, 2017

Sampling hour: 18:00

Parameter	
	Accuracy 91.4%
	Limit 0.91 - 1.37
Nitrate (NO3) mg N/L	Blank <0.01
Nitrite (NO2) mg N/L	Blank <0.01
	Standard name DMR-0266-2017-NO2-2
	Result 2.66
	Accuracy 98.2%
	Limit 2.30 - 3.12
Ortho-Phosphate (O-PO4) mg P/	Blank <0.01
	Standard name DMR-0266-2017-OPO4
	Result 0.59
	Accuracy 100%
	Limit 0.52 - 0.66
pH	Standard name STD pH 7.0
	Result 7.01
	Accuracy 99.9%
	Limit 6.96 - 7.04
Lead (Pb) mg/L	Blank <0.0003
	Standard name DMR-0219-2017-Eu
	Result 0.9036
	Accuracy 99.9%
	Limit 0.722 - 1.084
Dissolved Lead (Pb) mg/L	Blank <0.0003
	Standard name DMR-0219-2017-Eu
	Result 0.9183
	Accuracy 98.3%
	Limit 0.722 - 1.084
Potassium (K) mg/L	Blank <0.05
	Standard name C00-046-705_X_1000
	Result 1.07
	Accuracy 93%
	Limit 0.800 - 1.200
Selenium (Se) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.1
	Accuracy 100%
	Limit 0.0800 - 0.1200
Dissolved Selenium (Se) mg/L	Blank <0.001
	Standard name DMR-0219-2017-Eu
	Result 1.47

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Quality control Report

Lab number: V-64973

Sample name: NP2 West KIA

Sampling location: NP2 West KIA

Sampling date: June 26, 2017

Sampling hour: 18:00

Parameter	
Sodium (Na) mg/L	Accuracy 91.1%
	Limit 1.08 - 1.62
	Blank <0.05
	Standard name C00-046-705_X_1000
	Result 1.19
Strontium (Sr) mg/L	Accuracy 81%
	Limit 0.800 - 1.200
	Standard name DMR-0219-2017-Eu
	Result 1.29
dissolved Strontium (Sr) mg/L	Accuracy 95.1%
	Limit 0.98 - 1.48
	Blank <0.005
	Standard name DMR-0219-2017-Eu
	Result 1.28
Sulfate (SO4) mg SO4/L	Accuracy 95.9%
	Limit 0.98 - 1.48
	Blank <0.6
	Standard name DMR-0266-2017-SO4
	Result 117
Tellurium (Te) mg/L	Accuracy 95.1%
	Limit 114 - 132
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1011
Thallium (Tl) mg/L	Accuracy 98.9%
	Limit 0.0800 - 0.1200
	Standard name Tl-S140909023-1000ppm
	Result 923
Dissolved thallium (Tl) mg/L	Accuracy 92.3%
	Limit 800 - 1200
	Blank <0.0008
	Standard name Tl-S140909023-1000ppm
	Result 935
Thiocyanate (SCN) mg SCN/L	Accuracy 93.5%
	Limit 800 - 1200
	Blank <0.05
	Standard name STD SCN 568ppm
	Result 616
	Accuracy 91.5%
	Limit 398 - 738

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Quality control Report

Lab number: V-64973

Sample name: NP2 West KIA

Sampling location: NP2 West KIA

Sampling date: June 26, 2017

Sampling hour: 18:00

Parameter

Thiosulfates (S2O3) mg S203/L	Blank <0.02
	Standard name S2O3-225ppm
	Result 212
	Accuracy 94.2%
	Limit 158 - 293
	Sample duplicate <0.02-<0.02
Titanium (Ti) mg/L	Blank <0.01
Dissolved titanium (Ti) mg/L	Blank <0.01
Turbidity UTN	Standard name DMR-0266-2017-Turb
	Result 5.01
	Accuracy 96.5%
	Limit 4.41 - 5.97
	Sample duplicate 2.31-2.36
Uranium (U) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.116
	Accuracy 84%
	Limit 0.0800 - 0.1200
Dissolved Uranium (U) mg/L	Blank <0.001
	Standard name DMR-0219-2017-Eu
	Result 1.98
	Accuracy 87.5%
	Limit 1.41 - 2.11
Vanadium (V) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1018
	Accuracy 98.2%
	Limit 0.0800 - 0.1200
Dissolved Vanadium mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 2.304
	Accuracy 84.2%
	Limit 1.59 - 2.39
Zinc (Zn) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.102
	Accuracy 98%
	Limit 0.0800 - 0.1200
Dissolved Zinc mg/L	Blank <0.001
	Standard name DMR-0219-2017-Eu

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Additional information

Lab number: V-64973

Sample name: NP2 West KIA

Sampling location: NP2 West KIA

Sampling date: June 26, 2017

Sampling hour: 18:00

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-CL-2.0	MA.300-Ions 1.3
M-COUL-1.0	MA.103-Col. 2.0
M-CN-1.0	MA.300-CN 1.2
M-CI-1.0	MA.300-Anions 1.0
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-P-2.0	MA.303-P 1.1
M-SULF-2.0	MA.300-Ions 1.3
M-TURB-1.0	MA.103-Tur. 1.0

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-64971

Sampling location: TPL Assay KIA

Sampling date: June 26, 2017

Sample name: TPL Assay KIA

Sampling hour: 16:15

Sampled by: Fanny Laporte, Mhaly BC

Date received: June 28, 2017

Matrix: Water

Drinking water distribution:

Reported on: July 24, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Lab number: V-64971

Sample name: TPL Assay KIA

Sampling date: June 26, 2017

Sampling location: TPL Assay KIA

Sampling hour: 16:15

Parameter	Result	Method name	Analysis date
Alkalinity	30 mg CaCO ₃ /L	M-TIT-1.0	June 28, 2017
Aluminium (Al)	0.009 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Antimony (Sb)	<0.0001 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Antimony (Sb)	<0.0001 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	<0.05 mg N/L	Sous-traitance\H2Lab inc. (SAM)	July 04, 2017
Kjeldahl nitrogen	<0.7 mg N/L	Sous-traitance\H2Lab inc. (SAM)	July 05, 2017
Barium (Ba)	0.0027 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Barium (Ba)	0.0017 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
bicarbonate (HCO ₃)	30 mg CaCO ₃ /L	M-TIT-1.0	June 28, 2017
Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Bromides	0.03 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Calcium (Ca)	8.15 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Carbonate (CO ₃)	<2 mg CaCO ₃ /L	M-TIT-1.0	June 28, 2017
Dissolved Organic Carbon (D.O.C.)	3.2 mg/L	M-COT-1.0	June 28, 2017
Total Organic Carbon (T.O.C.)	3.7 mg/L	M-COT-1.0	June 28, 2017
Chlorophyll A	0.60 µg/L	Sous-traitance\H2Lab inc. (SAM)	July 18, 2017
Chloride	3.7 mg/L	Sous-traitance\Multilab Direct	June 29, 2017
Chrome (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Chromium (Cr)	0.0008 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Cobalt (Co)	0.0035 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Cobalt (Co)	<0.0005 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Conductivity	93 µmhos/cm	M-TIT-1.0	June 28, 2017
Colour	<1 Colour units	Sous-traitance\Multilab Direct	June 29, 2017
Copper (Cu)	<0.0005 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Copper (Cu)	0.0008 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Cyanide W.A.D.	<0.001 mg/L	Sous-traitance\Multilab Direct	June 29, 2017
Total Cyanide (CNT)	<0.001 mg/L	Sous-traitance\Multilab Direct	June 29, 2017
Hardness	30 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	June 30, 2017
Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
dissolved Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	June 30, 2017

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Analytical Report

Lab number: V-64971

Sample name: TPL Assay KIA

Sampling date: June 26, 2017

Sampling location: TPL Assay KIA

Sampling hour: 16:15

Parameter	Result	Method name	Analysis date
Iron (Fe)	0.04 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Iron (Fe)	<0.01 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Fluoride (F)	0.12 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Total Suspended Solids	3 mg/L	M-SOLI-1.0	June 29, 2017
Magnesium (Mg)	2.5 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Manganese (Mn)	0.008 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Manganese (Mn)	0.0065 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	July 04, 2017
Dissolved Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	July 04, 2017
Molybdenum (Mo)	<0.0005 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Molybdenum (Mo)	<0.0005 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Ammonia NH3 (non-ionized)	<0.05 mg N/L	Sous-traitance\H2Lab inc. (SAM)	June 04, 2017
Nickel (Ni)	0.0009 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Nickel (Ni)	0.0008 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Nitrate (NO3)	0.05 mg N/L	Sous-traitance\Multilab Direct	June 29, 2017
Nitrite (NO2)	<0.01 mg N/L	Sous-traitance\Multilab Direct	June 29, 2017
Ortho-Phosphate (O-PO4)	<0.01 mg P/L	Sous-traitance\Multilab Direct	June 29, 2017
Dissolved oxygen	10.1 mg/L	Sous-traitance\Multilab Direct	June 29, 2017
pH	7.56	M-TIT-1.0	June 28, 2017
Total Phosphorus (P)	0.0021 mg P/L	Sous-traitance\H2Lab inc. (SAM)	July 13, 2017
Lead (Pb)	0.0314 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Lead (Pb)	0.0094 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Potassium (K)	1.17 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Reactive silica (SiO2)	0.47 mg/L	Sous-traitance\Maxxam	July 04, 2017
Sodium (Na)	2.01 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Solids	62 mg/L	M-TIT-1.0	June 28, 2017
Strontium (Sr)	0.045 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
dissolved Strontium (Sr)	0.036 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Sulfate (SO4)	13.4 mg SO4/L	Sous-traitance\Multilab Direct	July 07, 2017
Tellurium (Te)	<0.0005 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Thiocyanate (SCN)	<0.05 mg SCN/L	Sous-traitance\Multilab Direct	July 07, 2017
Thiosulfates (S2O3)	<0.02 mg S2O3/L	Sous-traitance\Multilab Direct	July 05, 2017
Titanium (Ti)	<0.01 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved titanium (Ti)	<0.01 mg/L	Sous-traitance\Multilab Direct	June 30, 2017

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Analytical Report

Lab number: V-64971

Sample name: TPL Assay KIA

Sampling date: June 26, 2017

Sampling location: TPL Assay KIA

Sampling hour: 16:15

Parameter	Result	Method name	Analysis date
Turbidity	1.35 NTU	Sous-traitance\Multilab Direct	June 29, 2017
Uranium (U)	<0.001 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Uranium (U)	<0.001 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Vanadium (V)	<0.0005 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Vanadium	<0.0005 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Zinc (Zn)	<0.001 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Zinc	0.002 mg/L	Sous-traitance\Multilab Direct	June 30, 2017

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Detection limit

Lab number: V-64971

Sample name: TPL Assay KIA

Sampling date: June 26, 2017

Sampling location: TPL Assay KIA

Sampling hour: 16:15

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO ₃ /L	M-TIT-1.0	
Aluminium (Al)	0.006	mg/L	Sous-traitance	
Dissolved Aluminium (Al)	0.006	mg/L	Sous-traitance	
Antimony (Sb)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Antimony (Sb)	0.0001	mg/L	Sous-traitance	
Silver (Ag)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Silver (Ag)	0.0001	mg/L	Sous-traitance	
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Arsenic (As)	0.0005	mg/L	Sous-traitance	
Kjeldahl nitrogen	0.07	mg N/L	Sous-traitance	
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Barium (Ba)	0.0005	mg/L	Sous-traitance	
Beryllium (Be)	0.0005	mg/L	Sous-traitance	
Dissolved Beryllium (Be)	0.0005	mg/L	Sous-traitance	
bicarbonate (HCO ₃)	2	mg CaCO ₃ /L	M-TIT-1.0	
Boron (B)	0.01	mg/L	Sous-traitance	Yes
Dissolved Boron (B)	0.01	mg/L	Sous-traitance	
Bromides	0.01	mg/L	Sous-traitance	
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Dissolved Cadmium (Cd)	0.00002	mg/L	Sous-traitance	
Calcium (Ca)	0.03	mg/L	Sous-traitance	Yes
Carbonate (CO ₃)	2	mg CaCO ₃ /L	M-TIT-1.0	
Dissolved Organic Carbon (D.O.C.)	0.2	mg/L	M-COT-1.0	--
Total Organic Carbon (T.O.C.)	0.2	mg/L	M-COT-1.0	Yes
Chlorophyll A	0.13	µg/L	Sous-traitance	
Chloride	0.5	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Dissolved Chromium (Cr)	0.0006	mg/L	Sous-traitance	
Cobalt (Co)	0.0005	mg/L	Sous-traitance	
Dissolved Cobalt (Co)	0.0005	mg/L	Sous-traitance	
Conductivity	1	µmhos/cm	M-TIT-1.0	Yes
Colour	1	UCV	Sous-traitance	Yes
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Copper (Cu)	0.0005	mg/L	Sous-traitance	
Cyanide W.A.D.	0.001	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO ₃ /L	Sous-traitance	
Tin (Sn)	0.001	mg/L	Sous-traitance	Yes
dissolved Tin (Sn)	0.001	mg/L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes

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Detection limit

Lab number: V-64971

Sample name: TPL Assay KIA

Sampling date: June 26, 2017

Sampling location: TPL Assay KIA

Sampling hour: 16:15

Parameter	Value	Unit	Method	Accreditation
Dissolved Iron (Fe)	0.01	mg/L	Sous-traitance	
Fluoride (F)	0.02	mg/L	Sous-traitance	Yes
Lithium (Li)	0.005	mg/L	Sous-traitance	
Dissolved Lithium (Li)	0.005	mg/L	Sous-traitance	
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Magnesium (Mg)	0.02	mg/L	Sous-traitance	Yes
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Manganese (Mn)	0.0005	mg/L	Sous-traitance	
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Dissolved Mercury (Hg)	0.00001	mg/L	Sous-traitance	
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Nickel (Ni)	0.0005	mg/L	Sous-traitance	
Nitrate (NO ₃)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO ₂)	0.01	mg N/L	Sous-traitance	Yes
Ortho-Phosphate (O-PO ₄)	0.01	mg P/L	Sous-traitance	Yes
Dissolved oxygen	0.1	mg/L	Sous-traitance	
pH			M-TIT-1.0	Yes
Total Phosphorus (P)	0.001	mg P/L	Sous-traitance	
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Dissolved Lead (Pb)	0.0003	mg/L	Sous-traitance	
Potassium (K)	0.05	mg/L	Sous-traitance	
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Dissolved Selenium (Se)	0.001	mg/L	Sous-traitance	
Reactive silica (SiO ₂)		mg/L	Sous-traitance	
Sodium (Na)	0.05	mg/L	Sous-traitance	Yes
Dissolved Solids	1	mg/L	M-TIT-1.0	
Strontium (Sr)	0.005	mg/L	Sous-traitance	
dissolved Strontium (Sr)	0.005	mg/L	Sous-traitance	
Sulfate (SO ₄)	0.6	mg SO ₄ /L	Sous-traitance	Yes
Tellurium (Te)	0.0005	mg/L	Sous-traitance	
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Dissolved thallium (Tl)	0.0008	mg/L	Sous-traitance	
Thiocyanate (SCN)	0.05	mg SCN/L	Sous-traitance	Yes
Thiosulfates (S ₂ O ₃)	0.02	mg S ₂ O ₃ /L	Sous-traitance	Yes
Titanium (Ti)	0.01	mg/L	Sous-traitance	
Dissolved titanium (Ti)	0.01	mg/L	Sous-traitance	
Turbidity	0.02	UTN	Sous-traitance	Yes
Uranium (U)	0.001	mg/L	Sous-traitance	

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Detection limit

Lab number: V-64971

Sample name: TPL Assay KIA

Sampling date: June 26, 2017

Sampling location: TPL Assay KIA

Sampling hour: 16:15

Parameter	Value	Unit	Method	Accreditation
Dissolved Uranium (U)	0.001	mg/L	Sous-traitance	
Vanadium (V)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Vanadium	0.0005	mg/L	Sous-traitance	
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes
Dissolved Zinc	0.001	mg/L	Sous-traitance	

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Quality control Report

Lab number: V-64971

Sample name: TPL Assay KIA

Sampling date: June 26, 2017

Sampling location: TPL Assay KIA

Sampling hour: 16:15

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 143 Accuracy 98.6% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006
	Standard name C00-046-705_X_1000 Result 1.17 Accuracy 83% Limit 0.800 - 1.200
Dissolved Aluminium (Al) mg/L	Blank <0.006
	Standard name DMR-0219-2017-Eu Result 7.31 Accuracy 83.4% Limit 5.02 - 7.52
Antimony (Sb) mg/L	Blank <0.0001
	Standard name C00-046-705_X_1000 Result 0.0099 Accuracy 99% Limit 0.0080 - 0.0120
Dissolved Antimony (Sb) mg/L	Blank <0.0001
	Standard name DMR-0219-2017-Eu Result 0.1909 Accuracy 86% Limit 0.178 - 0.266
Silver (Ag) mg/L	Blank <0.0001
	Standard name DMR-0013-2017-Ag Result 0.0444 Accuracy 95.3% Limit 0.0339 - 0.0509
Dissolved Silver (Ag) mg/L	Blank <0.0001
	Standard name DMR-0013-2017-Ag Result 0.0480 Accuracy 86.8% Limit 0.0339 - 0.0509
Arsenic (As) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000 Result 0.1012 Accuracy 98.8% Limit 0.0700 - 0.1300
Barium (Ba) mg/L	Blank <0.0005

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Quality control Report

Lab number: V-64971

Sample name: TPL Assay KIA

Sampling date: June 26, 2017

Sampling location: TPL Assay KIA

Sampling hour: 16:15

Parameter	
	Standard name C00-046-705_X_1000
	Result 0.0981
	Accuracy 98.1%
	Limit 0.0800 - 0.1200
Beryllium (Be) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1108
	Accuracy 89.2%
	Limit 0.0800 - 0.1200
Dissolved Beryllium (Be) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.793
	Accuracy 94.5%
	Limit 1.36 - 2.04
Boron (B) mg/L	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.15
	Accuracy 85%
	Limit 0.800 - 1.200
Dissolved Boron (B) mg/L	Blank <0.01
	Standard name DMR-0219-2017-Eu
	Result 3.19
	Accuracy 89.2%
	Limit 2.30 - 3.46
Bromides mg/L	Standard name DMR-0119-2017-Br
	Result 5.01
	Accuracy 89%
	Limit 4.50 - 6.76
Cadmium (Cd) mg/L	Blank <0.00002
	Standard name C00-046-705_X_1000
	Result 0.10083
	Accuracy 99.2%
	Limit 0.0800 - 0.1200
Dissolved Cadmium (Cd) mg/L	Blank <0.00002
	Standard name DMR-0219-2017-Eu
	Result 1.0003
	Accuracy 89%
	Limit 0.721 - 1.081
Calcium (Ca) mg/L	Blank <0.03
	Standard name C00-046-705_X_1000

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Quality control Report

Lab number: V-64971

Sample name: TPL Assay KIA

Sampling date: June 26, 2017

Sampling location: TPL Assay KIA

Sampling hour: 16:15

Parameter	
Dissolved Organic Carbon (D.O.C.)	Result 0.97
	Accuracy 97%
	Limit 0.800 - 1.200
	Blank <0.2
	Standard name COD 10mg/L
Total Organic Carbon (T.O.C.) m	Result 12
	Accuracy 80%
	Limit 8 - 12
	Blank <0.2
	Standard name COT 10mg/L
Chloride mg/L	Result 12
	Accuracy 80%
	Limit 8 - 12
	Blank <0.5
	Standard name DMR-0266-2017-Cl
Chrome (Cr) mg/L	Result 113
	Accuracy 95.4%
	Limit 95 - 121
	Blank <0.0006
	Standard name C00-046-705_X_1000
Cobalt (Co) mg/L	Result 0.1061
	Accuracy 93.9%
	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name C00-046-705_X_1000
Dissolved Cobalt (Co) mg/L	Result 0.1044
	Accuracy 95.6%
	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name DMR-0219-2017-Eu
Conductivity µmhos/cm	Result 1.743
	Accuracy 88.3%
	Limit 1.25 - 1.87
	Standard name STD cond maison
	Result 1410
Colour UCV	Accuracy 99.6%
	Limit 1203 - 1627
	Blank <1
	Standard name DMR-0266-2017-Coul
	Result 20

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Quality control Report

Lab number: V-64971

Sample name: TPL Assay KIA

Sampling date: June 26, 2017

Sampling location: TPL Assay KIA

Sampling hour: 16:15

Parameter	
Copper (Cu) mg/L	Accuracy 95.3%
	Limit 14.8 - 23.4
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.106
Cyanide W.A.D. mg/L	Accuracy 94%
	Limit 0.0800 - 0.1200
	Blank <0.001
	Standard name DMR-0266-CNT
	Result 0.120
Total Cyanide (CNT) mg/L	Accuracy 96.8%
	Limit 0.105 - 0.143
	Blank <0.001
	Standard name DMR-0266-CNT
	Result 0.239
Tin (Sn) mg/L	Accuracy 99.2%
	Limit 0.205 - 0.277
	Blank <0.001
	Standard name DMR-0123-2016-Sn
	Result 0.669
dissolved Tin (Sn) mg/L	Accuracy 83.4%
	Limit 0.642 - 0.962
	Blank <0.001
	Standard name DMR-0123-2016-Sn
	Result 0.801
Iron (Fe) mg/L	Accuracy 99.9%
	Limit 0.561 - 1.043
	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.12
Fluoride (F) mg/L	Accuracy 88%
	Limit 0.800 - 1.200
	Blank <0.02
	Standard name DMR-0266-2017-F
	Result 2.40
Lithium (Li) mg/L	Accuracy 95.7%
	Limit 2.13 - 2.47
	Standard name DMR-0219-2017-Eu
	Result 0.754
	Accuracy 89.1%

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Quality control Report

Lab number: V-64971

Sample name: TPL Assay KIA

Sampling date: June 26, 2017

Sampling location: TPL Assay KIA

Sampling hour: 16:15

Parameter	
Dissolved Lithium (Li) mg/L	Limit 0.677 - 1.015
	Blank <0.005
	Standard name DMR-0219-2017-Eu
	Result 0.797
	Accuracy 94.2%
Total Suspended Solids mg/L	Limit 0.677 - 1.015
	Blank <1
	Standard name STD-MES 25mg/L
	Result 27
	Accuracy 92%
Magnesium (Mg) mg/L	Limit 19 - 31
	Blank <0.02
	Standard name C00-046-705_X_1000
	Result 1.11
	Accuracy 89%
Manganese (Mn) mg/L	Limit 0.800 - 1.200
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1095
	Accuracy 90.5%
Mercury (Hg) mg/L	Limit 0.0800 - 0.1200
	Blank <0.00001
	Standard name DMR-0219-2017-HgEu
	Result 0.00062
	Accuracy 88.6%
Dissolved Mercury (Hg) mg/L	Limit 0.00042 - 0.00098
	Blank <0.00001
	Standard name DMR-0219-2017-HgEu
	Result 0.00058
	Accuracy 82.9%
Molybdenum (Mo) mg/L	Limit 0.00042 - 0.00098
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0978
	Accuracy 97.8%
Dissolved Molybdenum (Mo) mg/	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 0.6698
	Accuracy 94.6%

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Quality control Report

Lab number: V-64971

Sample name: TPL Assay KIA

Sampling date: June 26, 2017

Sampling location: TPL Assay KIA

Sampling hour: 16:15

Parameter	
Nickel (Ni) mg/L	Limit 0.566 - 0.850
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1067
	Accuracy 93.3%
Nitrate (NO3) mg N/L Nitrite (NO2) mg N/L	Limit 0.0800 - 0.1200
	Blank <0.01
	Standard name DMR-0266-2017-NO2-2
	Result 2.66
	Accuracy 98.2%
Ortho-Phosphate (O-PO4) mg P/	Limit 2.30 - 3.12
	Blank <0.01
	Standard name DMR-0266-2017-OPO4
	Result 0.59
	Accuracy 100%
pH	Limit 0.52 - 0.66
	Standard name STD pH 7.0
	Result 7.01
	Accuracy 99.9%
Lead (Pb) mg/L	Limit 6.96 - 7.04
	Blank <0.0003
	Standard name C00-046-705_X_1000
	Result 0.0843
	Accuracy 84.3%
Potassium (K) mg/L	Limit 0.0800 - 0.1200
	Blank <0.05
	Standard name C00-046-705_X_1000
	Result 1.07
	Accuracy 93%
Selenium (Se) mg/L	Limit 0.800 - 1.200
	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.1
	Accuracy 100%
Dissolved Selenium (Se) mg/L	Limit 0.0800 - 0.1200
	Blank <0.001
	Standard name DMR-0219-2017-Eu
	Result 1.47
	Accuracy 91.1%

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Quality control Report

Lab number: V-64971

Sample name: TPL Assay KIA

Sampling date: June 26, 2017

Sampling location: TPL Assay KIA

Sampling hour: 16:15

Parameter	
Sodium (Na) mg/L	Limit 1.08 - 1.62
	Blank <0.05
	Standard name C00-046-705_X_1000
	Result 1.19
	Accuracy 81%
Strontium (Sr) mg/L	Limit 0.800 - 1.200
	Standard name DMR-0219-2017-Eu
	Result 1.29
	Accuracy 95.1%
dissolved Strontium (Sr) mg/L	Limit 0.98 - 1.48
	Blank <0.005
	Standard name DMR-0219-2017-Eu
	Result 1.28
	Accuracy 95.9%
Sulfate (SO4) mg SO4/L	Limit 0.98 - 1.48
	Blank <0.6
	Standard name DMR-0266-2017-SO4
	Result 117
	Accuracy 95.1%
Tellurium (Te) mg/L	Limit 114 - 132
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1011
	Accuracy 98.9%
Thallium (Tl) mg/L	Limit 0.0800 - 0.1200
	Standard name TI-S140909023-1000ppm
	Result 923
	Accuracy 92.3%
Dissolved thallium (Tl) mg/L	Limit 800 - 1200
	Blank <0.0008
	Standard name TI-S140909023-1000ppm
	Result 935
	Accuracy 93.5%
Thiocyanate (SCN) mg SCN/L	Limit 800 - 1200
	Blank <0.05
	Standard name STD SCN 568ppm
	Result 616
Thiosulfates (S2O3) mg S2O3/L	Accuracy 91.5%
	Limit 398 - 738
	Blank <0.02

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Quality control Report

Lab number: V-64971

Sample name: TPL Assay KIA

Sampling date: June 26, 2017

Sampling location: TPL Assay KIA

Sampling hour: 16:15

Parameter	
	Standard name S2O3-225ppm
	Result 212
	Accuracy 94.2%
	Limit 158 - 293
Titanium (Ti) mg/L	Blank <0.01
Dissolved titanium (Ti) mg/L	Blank <0.01
Turbidity UTN	Standard name DMR-0266-2017-Turb
	Result 5.01
	Accuracy 96.5%
	Limit 4.41 - 5.97
Uranium (U) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.116
	Accuracy 84%
	Limit 0.0800 - 0.1200
Dissolved Uranium (U) mg/L	Blank <0.001
	Standard name DMR-0219-2017-Eu
	Result 1.98
	Accuracy 87.5%
	Limit 1.41 - 2.11
Vanadium (V) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1018
	Accuracy 98.2%
	Limit 0.0800 - 0.1200
Dissolved Vanadium mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 2.304
	Accuracy 84.2%
	Limit 1.59 - 2.39
Zinc (Zn) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.102
	Accuracy 98%
	Limit 0.0800 - 0.1200

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Additional information

Lab number: V-64971

Sample name: TPL Assay KIA

Sampling location: TPL Assay KIA

Sampling date: June 26, 2017

Sampling hour: 16:15

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-CL-2.0	MA.300-Ions 1.3
M-COUL-1.0	MA.103-Col. 2.0
M-CN-1.0	MA.300-CN 1.2
M-CI-1.0	MA.300-Anions 1.0
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-P-2.0	MA.303-P 1.1
M-SULF-2.0	MA.300-Ions 1.3
M-TURB-1.0	MA.103-Tur. 1.0

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-64970

Sampling location: ST-16

Sampling date: June 27, 2017

Sample name: ST-16 seep (KIA)

Sampling hour: 09:00

Sampled by: Fanny Laporte, Mhaly BC

Date received: June 28, 2017

Matrix: Water

Drinking water distribution:

Reported on: July 24, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

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Analytical Report

Lab number: V-64970

Sample name: ST-16 seep (KIA)

Sampling location: ST-16

Sampling date: June 27, 2017

Sampling hour: 09:00

Parameter	Result	Method name	Analysis date
Alkalinity	53 mg CaCO ₃ /L	M-TIT-1.0	June 28, 2017
Aluminium (Al)	0.068 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Antimony (Sb)	<0.0001 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Antimony (Sb)	0.0002 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Arsenic (As)	0.0008 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Arsenic (As)	0.0016 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	0.23 mg N/L	Sous-traitance\H2Lab inc. (SAM)	July 04, 2017
Kjeldahl nitrogen	0.97 mg N/L	Sous-traitance\H2Lab inc. (SAM)	July 05, 2017
Barium (Ba)	0.0133 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Barium (Ba)	0.0125 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
bicarbonate (HCO ₃)	53 mg CaCO ₃ /L	M-TIT-1.0	June 28, 2017
Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Bromides	0.08 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Calcium (Ca)	23.7 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Carbonate (CO ₃)	<2 mg CaCO ₃ /L	M-TIT-1.0	June 28, 2017
Dissolved Organic Carbon (D.O.C.)	7.8 mg/L	M-COT-1.0	June 28, 2017
Total Organic Carbon (T.O.C.)	7.8 mg/L	M-COT-1.0	June 28, 2017
Chlorophyll A	0.30 µg/L	Sous-traitance\H2Lab inc. (SAM)	July 18, 2017
Chloride	8.6 mg/L	Sous-traitance\Multilab Direct	June 29, 2017
Chrome (Cr)	0.0006 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Chromium (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Cobalt (Co)	0.0008 mg/L	Sous-traitance\Multilab Direct	July 05, 2017
Dissolved Cobalt (Co)	0.0009 mg/L	Sous-traitance\Multilab Direct	July 05, 2017
Conductivity	304 µmhos/cm	M-TIT-1.0	June 28, 2017
Colour	12 Colour units	Sous-traitance\Multilab Direct	June 29, 2017
Copper (Cu)	0.0182 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Copper (Cu)	0.016 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Cyanide W.A.D.	0.001 mg/L	Sous-traitance\Multilab Direct	June 29, 2017
Total Cyanide (CNT)	0.002 mg/L	Sous-traitance\Multilab Direct	June 29, 2017
Hardness	103 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	June 30, 2017
Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
dissolved Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	June 30, 2017

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Analytical Report

Lab number: V-64970

Sample name: ST-16 seep (KIA)

Sampling location: ST-16

Sampling date: June 27, 2017

Sampling hour: 09:00

Parameter	Result	Method name	Analysis date
Iron (Fe)	0.21 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Iron (Fe)	0.08 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Fluoride (F)	0.19 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Total Suspended Solids	3 mg/L	M-SOLI-1.0	June 29, 2017
Magnesium (Mg)	10.7 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Manganese (Mn)	0.1348 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Manganese (Mn)	0.1256 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	July 04, 2017
Dissolved Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	July 04, 2017
Molybdenum (Mo)	0.0091 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Molybdenum (Mo)	0.0085 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Ammonia NH3 (non-ionized)	<0.05 mg N/L	Sous-traitance\H2Lab inc. (SAM)	June 04, 2017
Nickel (Ni)	0.0199 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Nickel (Ni)	0.0185 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Nitrate (NO3)	0.78 mg N/L	Sous-traitance\Multilab Direct	June 29, 2017
Nitrite (NO2)	0.09 mg N/L	Sous-traitance\Multilab Direct	June 29, 2017
Ortho-Phosphate (O-PO4)	<0.01 mg P/L	Sous-traitance\Multilab Direct	June 29, 2017
Dissolved oxygen	9.5 mg/L	Sous-traitance\Multilab Direct	June 29, 2017
pH	7.61	M-TIT-1.0	June 28, 2017
Total Phosphorus (P)	0.012 mg P/L	Sous-traitance\H2Lab inc. (SAM)	July 13, 2017
Lead (Pb)	0.0055 mg/L	Sous-traitance\Multilab Direct	July 05, 2017
Dissolved Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	July 05, 2017
Potassium (K)	6.91 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Reactive silica (SiO2)	1.3 mg/L	Sous-traitance\Maxxam	July 04, 2017
Sodium (Na)	10.7 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Solids	202 mg/L	M-TIT-1.0	June 28, 2017
Strontium (Sr)	0.098 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
dissolved Strontium (Sr)	0.094 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Sulfate (SO4)	48.3 mg SO4/L	Sous-traitance\Multilab Direct	July 07, 2017
Tellurium (Te)	<0.0005 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Thiocyanate (SCN)	<0.05 mg SCN/L	Sous-traitance\Multilab Direct	July 07, 2017
Thiosulfates (S2O3)	<0.02 mg S2O3/L	Sous-traitance\Multilab Direct	July 05, 2017
Titanium (Ti)	0.02 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved titanium (Ti)	0.02 mg/L	Sous-traitance\Multilab Direct	June 30, 2017

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Analytical Report

Lab number: V-64970

Sample name: ST-16 seep (KIA)

Sampling date: June 27, 2017

Sampling location: ST-16

Sampling hour: 09:00

Parameter	Result	Method name	Analysis date
Turbidity	2.46 NTU	Sous-traitance\Multilab Direct	June 29, 2017
Uranium (U)	0.002 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Uranium (U)	0.001 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Vanadium (V)	<0.0005 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Vanadium	<0.0005 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Zinc (Zn)	<0.001 mg/L	Sous-traitance\Multilab Direct	June 30, 2017
Dissolved Zinc	<0.001 mg/L	Sous-traitance\Multilab Direct	June 30, 2017

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Detection limit

Lab number: V-64970

Sample name: ST-16 seep (KIA)

Sampling date: June 27, 2017

Sampling location: ST-16

Sampling hour: 09:00

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO ₃ /L	M-TIT-1.0	
Aluminium (Al)	0.006	mg/L	Sous-traitance	
Dissolved Aluminium (Al)	0.006	mg/L	Sous-traitance	
Antimony (Sb)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Antimony (Sb)	0.0001	mg/L	Sous-traitance	
Silver (Ag)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Silver (Ag)	0.0001	mg/L	Sous-traitance	
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Arsenic (As)	0.0005	mg/L	Sous-traitance	
Kjeldahl nitrogen	0.07	mg N/L	Sous-traitance	
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Barium (Ba)	0.0005	mg/L	Sous-traitance	
Beryllium (Be)	0.0005	mg/L	Sous-traitance	
Dissolved Beryllium (Be)	0.0005	mg/L	Sous-traitance	
bicarbonate (HCO ₃)	2	mg CaCO ₃ /L	M-TIT-1.0	
Boron (B)	0.01	mg/L	Sous-traitance	Yes
Dissolved Boron (B)	0.01	mg/L	Sous-traitance	
Bromides	0.01	mg/L	Sous-traitance	
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Dissolved Cadmium (Cd)	0.00002	mg/L	Sous-traitance	
Calcium (Ca)	0.03	mg/L	Sous-traitance	Yes
Carbonate (CO ₃)	2	mg CaCO ₃ /L	M-TIT-1.0	
Dissolved Organic Carbon (D.O.C.)	0.2	mg/L	M-COT-1.0	--
Total Organic Carbon (T.O.C.)	0.2	mg/L	M-COT-1.0	Yes
Chlorophyll A	0.13	µg/L	Sous-traitance	
Chloride	0.5	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Dissolved Chromium (Cr)	0.0006	mg/L	Sous-traitance	
Cobalt (Co)	0.0005	mg/L	Sous-traitance	
Dissolved Cobalt (Co)	0.0005	mg/L	Sous-traitance	
Conductivity	1	µmhos/cm	M-TIT-1.0	Yes
Colour	1	UCV	Sous-traitance	Yes
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Copper (Cu)	0.0005	mg/L	Sous-traitance	
Cyanide W.A.D.	0.001	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO ₃ /L	Sous-traitance	
Tin (Sn)	0.001	mg/L	Sous-traitance	Yes
dissolved Tin (Sn)	0.001	mg/L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes

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Detection limit

Lab number: V-64970

Sample name: ST-16 seep (KIA)

Sampling date: June 27, 2017

Sampling location: ST-16

Sampling hour: 09:00

Parameter	Value	Unit	Method	Accreditation
Dissolved Iron (Fe)	0.01	mg/L	Sous-traitance	
Fluoride (F)	0.02	mg/L	Sous-traitance	Yes
Lithium (Li)	0.005	mg/L	Sous-traitance	
Dissolved Lithium (Li)	0.005	mg/L	Sous-traitance	
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Magnesium (Mg)	0.02	mg/L	Sous-traitance	Yes
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Manganese (Mn)	0.0005	mg/L	Sous-traitance	
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Dissolved Mercury (Hg)	0.00001	mg/L	Sous-traitance	
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Nickel (Ni)	0.0005	mg/L	Sous-traitance	
Nitrate (NO3)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO2)	0.01	mg N/L	Sous-traitance	Yes
Ortho-Phosphate (O-PO4)	0.01	mg P/L	Sous-traitance	Yes
Dissolved oxygen	0.1	mg/L	Sous-traitance	
pH			M-TIT-1.0	Yes
Total Phosphorus (P)	0.01	mg P/L	Sous-traitance	
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Dissolved Lead (Pb)	0.0003	mg/L	Sous-traitance	
Potassium (K)	0.05	mg/L	Sous-traitance	
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Dissolved Selenium (Se)	0.001	mg/L	Sous-traitance	
Reactive silica (SiO2)		mg/L	Sous-traitance	
Sodium (Na)	0.05	mg/L	Sous-traitance	Yes
Dissolved Solids	1	mg/L	M-TIT-1.0	
Strontium (Sr)	0.005	mg/L	Sous-traitance	
dissolved Strontium (Sr)	0.005	mg/L	Sous-traitance	
Sulfate (SO4)	0.6	mg SO4/L	Sous-traitance	Yes
Tellurium (Te)	0.0005	mg/L	Sous-traitance	
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Dissolved thallium (Tl)	0.0008	mg/L	Sous-traitance	
Thiocyanate (SCN)	0.05	mg SCN/L	Sous-traitance	Yes
Thiosulfates (S2O3)	0.02	mg S2O3/L	Sous-traitance	Yes
Titanium (Ti)	0.01	mg/L	Sous-traitance	
Dissolved titanium (Ti)	0.01	mg/L	Sous-traitance	
Turbidity	0.02	UTN	Sous-traitance	Yes
Uranium (U)	0.001	mg/L	Sous-traitance	

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Detection limit

Lab number: V-64970

Sample name: ST-16 seep (KIA)

Sampling date: June 27, 2017

Sampling location: ST-16

Sampling hour: 09:00

Parameter	Value	Unit	Method	Accreditation
Dissolved Uranium (U)	0.001	mg/L	Sous-traitance	
Vanadium (V)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Vanadium	0.0005	mg/L	Sous-traitance	
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes
Dissolved Zinc	0.001	mg/L	Sous-traitance	

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Quality control Report

Lab number: V-64970

Sample name: ST-16 seep (KIA)

Sampling location: ST-16

Sampling date: June 27, 2017

Sampling hour: 09:00

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 143 Accuracy 98.6% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006 Standard name C00-046-705_X_1000 Result 1.17 Accuracy 83% Limit 0.800 - 1.200
Antimony (Sb) mg/L	Blank <0.0001 Standard name C00-046-705_X_1000 Result 0.0099 Accuracy 99% Limit 0.0080 - 0.0120
Silver (Ag) mg/L	Blank <0.0001 Standard name DMR-0013-2017-Ag Result 0.0444 Accuracy 95.3% Limit 0.0339 - 0.0509
Arsenic (As) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1012 Accuracy 98.8% Limit 0.0700 - 0.1300
Barium (Ba) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0981 Accuracy 98.1% Limit 0.0800 - 0.1200
Beryllium (Be) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1108 Accuracy 89.2% Limit 0.0800 - 0.1200
Boron (B) mg/L	Blank <0.01 Standard name C00-046-705_X_1000 Result 1.15 Accuracy 85% Limit 0.800 - 1.200
Bromides mg/L	Blank <0.01

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Quality control Report

Lab number: V-64970

Sample name: ST-16 seep (KIA)

Sampling date: June 27, 2017

Sampling location: ST-16

Sampling hour: 09:00

Parameter	
	Standard name DMR-0119-2017-Br
	Result 5.01
	Accuracy 89%
	Limit 4.50 - 6.76
Cadmium (Cd) mg/L	Blank <0.00002
	Standard name C00-046-705_X_1000
	Result 0.10083
	Accuracy 99.2%
	Limit 0.0800 - 0.1200
Calcium (Ca) mg/L	Blank <0.03
	Standard name C00-046-705_X_1000
	Result 0.97
	Accuracy 97%
	Limit 0.800 - 1.200
Dissolved Organic Carbon (D.O.C.) mg/L	Blank <0.2
	Standard name COD 10mg/L
	Result 12
	Accuracy 80%
	Limit 8 - 12
Total Organic Carbon (T.O.C.) mg/L	Blank <0.2
	Standard name COT 10mg/L
	Result 12
	Accuracy 80%
	Limit 8 - 12
Chloride mg/L	Blank <0.5
	Standard name DMR-0266-2017-CI
	Result 113
	Accuracy 95.4%
	Limit 95 - 121
Chrome (Cr) mg/L	Blank <0.0006
	Standard name C00-046-705_X_1000
	Result 0.1061
	Accuracy 93.9%
	Limit 0.0800 - 0.1200
Cobalt (Co) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.509
	Accuracy 96.7%
	Limit 1.25 - 1.87
Dissolved Cobalt (Co) mg/L	Blank <0.0005

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Quality control Report

Lab number: V-64970

Sample name: ST-16 seep (KIA)

Sampling location: ST-16

Sampling date: June 27, 2017

Sampling hour: 09:00

Parameter	
	Standard name DMR-0219-2017-Eu
	Result 1.549
	Accuracy 99.3%
	Limit 1.25 - 1.87
Conductivity µmhos/cm	Standard name STD cond maison
	Result 1410
	Accuracy 99.6%
	Limit 1203 - 1627
Colour UCV	Blank <1
	Standard name DMR-0266-2017-Coul
	Result 20
	Accuracy 95.3%
	Limit 14.8 - 23.4
Copper (Cu) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.106
	Accuracy 94%
	Limit 0.0800 - 0.1200
Cyanide W.A.D. mg/L	Blank <0.001
	Standard name DMR-0266-CNT
	Result 0.120
	Accuracy 96.8%
	Limit 0.105 - 0.143
Total Cyanide (CNT) mg/L	Blank <0.001
	Standard name DMR-0266-CNT
	Result 0.239
	Accuracy 99.2%
	Limit 0.205 - 0.277
Tin (Sn) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.097
	Accuracy 97%
	Limit 0.0800 - 0.1200
Iron (Fe) mg/L	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.12
	Accuracy 88%
	Limit 0.800 - 1.200
Fluoride (F) mg/L	Blank <0.02
	Standard name DMR-0266-2017-F

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Quality control Report

Lab number: V-64970

Sample name: ST-16 seep (KIA)

Sampling location: ST-16

Sampling date: June 27, 2017

Sampling hour: 09:00

Parameter	
Lithium (Li) mg/L	Result 2.40
	Accuracy 95.7%
	Limit 2.13 - 2.47
	Blank <0.005
	Standard name DMR-0219-2017-Eu
Dissolved Lithium (Li) mg/L	Result 0.754
	Accuracy 89.1%
	Limit 0.677 - 1.015
	Blank <0.005
	Standard name DMR-0219-2017-Eu
Total Suspended Solids mg/L	Result 0.797
	Accuracy 94.2%
	Limit 0.677 - 1.015
	Blank <1
	Standard name STD-MES 25mg/L
Magnesium (Mg) mg/L	Result 27
	Accuracy 92%
	Limit 19 - 31
	Blank <0.02
	Standard name C00-046-705_X_1000
Manganese (Mn) mg/L	Result 1.11
	Accuracy 89%
	Limit 0.800 - 1.200
	Blank <0.0005
	Standard name C00-046-705_X_1000
Mercury (Hg) mg/L	Result 0.1095
	Accuracy 90.5%
	Limit 0.0800 - 0.1200
	Blank <0.00001
	Standard name DMR-0219-2017-HgEu
Dissolved Mercury (Hg) mg/L	Result 0.00062
	Accuracy 88.6%
	Limit 0.00042 - 0.00098
	Blank <0.00001
	Standard name DMR-0219-2017-HgEu
Molybdenum (Mo) mg/L	Result 0.00058
	Accuracy 82.9%
	Limit 0.00042 - 0.00098
	Blank <0.0005
	Standard name C00-046-705_X_1000

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Quality control Report

Lab number: V-64970

Sample name: ST-16 seep (KIA)

Sampling date: June 27, 2017

Sampling location: ST-16

Sampling hour: 09:00

Parameter	
Nickel (Ni) mg/L	Result 0.0978
	Accuracy 97.8%
	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name C00-046-705_X_1000
Nitrate (NO3) mg N/L	Result 0.1067
	Accuracy 93.3%
	Limit 0.0800 - 0.1200
	Blank <0.01
	Nitrite (NO2) mg N/L
Standard name DMR-0266-2017-NO2-2	
Result 2.66	
Accuracy 98.2%	
Limit 2.30 - 3.12	
Ortho-Phosphate (O-PO4) mg P/	Blank <0.01
	Standard name DMR-0266-2017-OPO4
	Result 0.59
	Accuracy 100%
	Limit 0.52 - 0.66
pH	Standard name STD pH 7.0
	Result 7.01
	Accuracy 99.9%
	Limit 6.96 - 7.04
	Lead (Pb) mg/L
Standard name DMR-0219-2017-Eu	
Result 0.9036	
Accuracy 99.9%	
Limit 0.722 - 1.084	
Dissolved Lead (Pb) mg/L	Blank <0.0003
	Standard name DMR-0219-2017-Eu
	Result 0.9183
	Accuracy 98.3%
	Limit 0.722 - 1.084
Potassium (K) mg/L	Blank <0.05
	Standard name C00-046-705_X_1000
	Result 1.07
	Accuracy 93%
	Limit 0.800 - 1.200
Selenium (Se) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000

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Quality control Report

Lab number: V-64970

Sample name: ST-16 seep (KIA)

Sampling location: ST-16

Sampling date: June 27, 2017

Sampling hour: 09:00

Parameter	
	Result 0.1
	Accuracy 100%
	Limit 0.0800 - 0.1200
Sodium (Na) mg/L	Blank <0.05
	Standard name C00-046-705_X_1000
	Result 1.19
	Accuracy 81%
	Limit 0.800 - 1.200
Strontium (Sr) mg/L	Blank <0.005
	Standard name DMR-0219-2017-Eu
	Result 1.29
	Accuracy 95.1%
	Limit 0.98 - 1.48
dissolved Strontium (Sr) mg/L	Blank <0.005
	Standard name DMR-0219-2017-Eu
	Result 1.28
	Accuracy 95.9%
	Limit 0.98 - 1.48
Sulfate (SO4) mg SO4/L	Blank <0.6
	Standard name DMR-0266-2017-SO4
	Result 117
	Accuracy 95.1%
	Limit 114 - 132
Tellurium (Te) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1011
	Accuracy 98.9%
	Limit 0.0800 - 0.1200
Thallium (Tl) mg/L	Blank <0.0008
	Standard name TI-S140909023-1000ppm
	Result 923
	Accuracy 92.3%
	Limit 800 - 1200
Dissolved thallium (Tl) mg/L	Blank <0.0008
	Standard name TI-S140909023-1000ppm
	Result 935
	Accuracy 93.5%
	Limit 800 - 1200
Thiocyanate (SCN) mg SCN/L	Blank <0.05
	Standard name STD SCN 568ppm

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Quality control Report

Lab number: V-64970

Sample name: ST-16 seep (KIA)

Sampling date: June 27, 2017

Sampling location: ST-16

Sampling hour: 09:00

Parameter	
	Result 616
	Accuracy 91.5%
	Limit 398 - 738
Thiosulfates (S2O3) mg S2O3/L	Blank <0.02
	Standard name S2O3-225ppm
	Result 212
	Accuracy 94.2%
	Limit 158 - 293
Titanium (Ti) mg/L	Blank <0.01
Turbidity UTN	Standard name DMR-0266-2017-Turb
	Result 5.01
	Accuracy 96.5%
	Limit 4.41 - 5.97
Uranium (U) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.116
	Accuracy 84%
	Limit 0.0800 - 0.1200
Vanadium (V) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1018
	Accuracy 98.2%
	Limit 0.0800 - 0.1200
Zinc (Zn) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.102
	Accuracy 98%
	Limit 0.0800 - 0.1200

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Additional information

Lab number: V-64970

Sample name: ST-16 seep (KIA)

Sampling location: ST-16

Sampling date: June 27, 2017

Sampling hour: 09:00

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-CL-2.0	MA.300-Ions 1.3
M-COUL-1.0	MA.103-Col. 2.0
M-CN-1.0	MA.300-CN 1.2
M-CI-1.0	MA.300-Anions 1.0
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-P-2.0	MA.303-P 1.1
M-SULF-2.0	MA.300-Ions 1.3
M-TURB-1.0	MA.103-Tur. 1.0

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-65116

Sampling location: ST-10

Sampling date: July 03, 2017

Sample name: ST-10/ST-MMER-2 N 65 04.11

Sampling hour: 08:45

Sampled by: Fanny L. Tom T

Date received: July 04, 2017

Matrix: Water

Drinking water distribution: **Vault**

Reported on: July 20, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

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Analytical Report

Lab number: V-65116

Sample name: ST-10/ST-MMER-2 N 65 04.11

Sampling date: July 03, 2017

Sampling location: ST-10

Sampling hour: 08:45

Parameter	Result	Method name	Analysis date
Alkalinity	52 mg CaCO ₃ /L	M-TIT-1.0	July 04, 2017
Aluminium (Al)	0.104 mg/L	Sous-traitance\Multilab Direct	July 05, 2017
Dissolved Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	July 05, 2017
Antimony (Sb)	0.0008 mg/L	Sous-traitance\Multilab Direct	July 05, 2017
Dissolved Antimony (Sb)	<0.0001 mg/L	Sous-traitance\Multilab Direct	July 05, 2017
Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 05, 2017
Dissolved Arsenic (As)	0.0008 mg/L	Sous-traitance\Multilab Direct	July 05, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	1.02 mg N/L	Sous-traitance\H2Lab inc. (SAM)	July 06, 2017
Kjeldahl nitrogen	0.96 mg N/L	Sous-traitance\H2Lab inc. (SAM)	July 14, 2017
Barium (Ba)	0.0119 mg/L	Sous-traitance\Multilab Direct	July 05, 2017
Dissolved Barium (Ba)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 05, 2017
Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 05, 2017
Dissolved Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 05, 2017
bicarbonate (HCO ₃)	52 mg CaCO ₃ /L	M-TIT-1.0	July 04, 2017
Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	July 05, 2017
Dissolved Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	July 05, 2017
Cadmium (Cd)	0.00003 mg/L	Sous-traitance\Multilab Direct	July 05, 2017
Dissolved Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	July 05, 2017
Calcium (Ca)	14.8 mg/L	Sous-traitance\Multilab Direct	July 05, 2017
Carbonate (CO ₃)	<2 mg CaCO ₃ /L	M-TIT-1.0	July 04, 2017
Dissolved Organic Carbon (D.O.C.)	4.7 mg/L	M-COT-1.0	July 04, 2017
Total Organic Carbon (T.O.C.)	5.4 mg/L	M-COT-1.0	July 04, 2017
Chloride	5.3 mg/L	Sous-traitance\Multilab Direct	July 06, 2017
Chrome (Cr)	0.0006 mg/L	Sous-traitance\Multilab Direct	July 05, 2017
Dissolved Chromium (Cr)	0.0013 mg/L	Sous-traitance\Multilab Direct	July 05, 2017
Copper (Cu)	0.0026 mg/L	Sous-traitance\Multilab Direct	July 05, 2017
Dissolved Copper (Cu)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 05, 2017
Total Cyanide (CNT)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 07, 2017
Daphnia Magna		Sous-traitance\Maxxam	
- Toxic unit	See sub file	Sous-traitance\Maxxam	July 07, 2017
- CL50 à 48 heures	See sub file % v/v	Sous-traitance\Maxxam	July 07, 2017
Hardness	54 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	July 05, 2017
Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 05, 2017
dissolved Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 05, 2017
Iron (Fe)	0.11 mg/L	Sous-traitance\Multilab Direct	July 05, 2017
Dissolved Iron (Fe)	<0.01 mg/L	Sous-traitance\Multilab Direct	July 05, 2017
Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	July 06, 2017
Dissolved Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	July 06, 2017
Total Suspended Solids	<1 mg/L	M-SOLI-1.0	July 05, 2017
Magnesium (Mg)	4.3 mg/L	Sous-traitance\Multilab Direct	July 05, 2017

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Analytical Report

Lab number: V-65116

Sample name: ST-10/ST-MMER-2 N 65 04.11

Sampling date: July 03, 2017

Sampling location: ST-10

Sampling hour: 08:45

Parameter	Result	Method name	Analysis date
Manganese (Mn)	0.0527 mg/L	Sous-traitance\Multilab Direct	July 05, 2017
Dissolved Manganese (Mn)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 05, 2017
Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	July 07, 2017
Dissolved Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	July 07, 2017
Molybdenum (Mo)	0.0064 mg/L	Sous-traitance\Multilab Direct	July 05, 2017
Dissolved Molybdenum (Mo)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 05, 2017
Ammonia NH3 (non-ionized)	<0.01 mg N/L	Sous-traitance\H2Lab inc. (SAM)	July 06, 2017
Nickel (Ni)	0.0045 mg/L	Sous-traitance\Multilab Direct	July 05, 2017
Dissolved Nickel (Ni)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 05, 2017
Nitrate (NO3)	1.71 mg N/L	Sous-traitance\Multilab Direct	July 05, 2017
Nitrite (NO2)	0.04 mg N/L	Sous-traitance\Multilab Direct	July 05, 2017
Ortho-Phosphate (O-PO4)	<0.01 mg P/L	Sous-traitance\Multilab Direct	July 05, 2017
Total Phosphorus (P)	<0.04 mg P/L	Sous-traitance\H2Lab inc. (SAM)	July 10, 2017
Lead (Pb)	0.0083 mg/L	Sous-traitance\Multilab Direct	July 05, 2017
Dissolved Lead (Pb)	0.0025 mg/L	Sous-traitance\Multilab Direct	July 05, 2017
Potassium (K)	2.09 mg/L	Sous-traitance\Multilab Direct	July 05, 2017
Radium (Ra 226)	0.003 Becquerels/L	M-RA-2.0	July 20, 2017
Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 05, 2017
Dissolved Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 05, 2017
Reactive silica (SiO2)	1.6 mg/L	Sous-traitance\Maxxam	July 10, 2017
Sodium (Na)	2.26 mg/L	Sous-traitance\Multilab Direct	July 05, 2017
Dissolved Solids	110 mg/L	M-TIT-1.0	July 04, 2017
Strontium (Sr)	0.099 mg/L	Sous-traitance\Multilab Direct	July 06, 2017
dissolved Strontium (Sr)	<0.005 mg/L	Sous-traitance\Multilab Direct	July 06, 2017
Sulfate (SO4)	31.0 mg SO4/L	Sous-traitance\Multilab Direct	July 07, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	July 06, 2017
Dissolved thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	July 06, 2017
Titanium (Ti)	0.01 mg/L	Sous-traitance\Multilab Direct	July 05, 2017
Dissolved titanium (Ti)	<0.01 mg/L	Sous-traitance\Multilab Direct	July 05, 2017
Rainbow trout		Sous-traitance\Maxxam	
- Toxic unit	See sub file	Sous-traitance\Maxxam	July 07, 2017
- CL-50 à 96 heures	See sub file % v/v	Sous-traitance\Maxxam	July 07, 2017
Uranium (U)	0.001 mg/L	Sous-traitance\Multilab Direct	July 05, 2017
Dissolved Uranium (U)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 05, 2017
Vanadium (V)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 05, 2017
Dissolved Vanadium	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 05, 2017
Zinc (Zn)	0.003 mg/L	Sous-traitance\Multilab Direct	July 05, 2017
Dissolved Zinc	0.001 mg/L	Sous-traitance\Multilab Direct	July 05, 2017
Hydrocarbons (C10-C50)	<0.3 mg/L	Sous-traitance\Environex	July 10, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Detection limit

Lab number: V-65116

Sample name: ST-10/ST-MMER-2 N 65 04.11

Sampling date: July 03, 2017

Sampling location: ST-10

Sampling hour: 08:45

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO ₃ /L	M-TIT-1.0	
Aluminium (Al)	0.006	mg/L	Sous-traitance	
Dissolved Aluminium (Al)	0.006	mg/L	Sous-traitance	
Antimony (Sb)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Antimony (Sb)	0.0001	mg/L	Sous-traitance	
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Arsenic (As)	0.0005	mg/L	Sous-traitance	
Kjeldahl nitrogen	0.07	mg N/L	Sous-traitance	
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Barium (Ba)	0.0005	mg/L	Sous-traitance	
Beryllium (Be)	0.0005	mg/L	Sous-traitance	
Dissolved Beryllium (Be)	0.0005	mg/L	Sous-traitance	
bicarbonate (HCO ₃)	2	mg CaCO ₃ /L	M-TIT-1.0	
Boron (B)	0.01	mg/L	Sous-traitance	Yes
Dissolved Boron (B)	0.01	mg/L	Sous-traitance	
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Dissolved Cadmium (Cd)	0.00002	mg/L	Sous-traitance	
Calcium (Ca)	0.03	mg/L	Sous-traitance	Yes
Carbonate (CO ₃)	2	mg CaCO ₃ /L	M-TIT-1.0	
Dissolved Organic Carbon (D.O.C.)	0.2	mg/L	M-COT-1.0	--
Total Organic Carbon (T.O.C.)	0.2	mg/L	M-COT-1.0	Yes
Chloride	0.5	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Dissolved Chromium (Cr)	0.0006	mg/L	Sous-traitance	
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Copper (Cu)	0.0005	mg/L	Sous-traitance	
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Daphnia Magna			Sous-traitance	Yes
- Toxic unit	1		Sous-traitance	
- CL50 à 48 heures		% v/v	Sous-traitance	
Hardness	1	mg CaCO ₃ /L	Sous-traitance	
Tin (Sn)	0.001	mg/L	Sous-traitance	Yes
dissolved Tin (Sn)	0.001	mg/L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes
Dissolved Iron (Fe)	0.01	mg/L	Sous-traitance	
Lithium (Li)	0.005	mg/L	Sous-traitance	
Dissolved Lithium (Li)	0.005	mg/L	Sous-traitance	
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Magnesium (Mg)	0.02	mg/L	Sous-traitance	Yes
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Detection limit

Lab number: V-65116

Sample name: ST-10/ST-MMER-2 N 65 04.11

Sampling date: July 03, 2017

Sampling location: ST-10

Sampling hour: 08:45

Parameter	Value	Unit	Method	Accreditation
Dissolved Manganese (Mn)	0.0005	mg/L	Sous-traitance	
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Dissolved Mercury (Hg)	0.00001	mg/L	Sous-traitance	
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Nickel (Ni)	0.0005	mg/L	Sous-traitance	
Nitrate (NO3)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO2)	0.01	mg N/L	Sous-traitance	Yes
Ortho-Phosphate (O-PO4)	0.01	mg P/L	Sous-traitance	Yes
Total Phosphorus (P)	0.04	mg P/L	Sous-traitance	
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Dissolved Lead (Pb)	0.0003	mg/L	Sous-traitance	
Potassium (K)	0.05	mg/L	Sous-traitance	
Radium (Ra 226)	0.002	Becquerels/L	M-RA-2.0	Yes
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Dissolved Selenium (Se)	0.001	mg/L	Sous-traitance	
Reactive silica (SiO2)		mg/L	Sous-traitance	
Sodium (Na)	0.05	mg/L	Sous-traitance	Yes
Dissolved Solids	1	mg/L	M-TIT-1.0	
Strontium (Sr)	0.005	mg/L	Sous-traitance	
dissolved Strontium (Sr)	0.005	mg/L	Sous-traitance	
Sulfate (SO4)	0.6	mg SO4/L	Sous-traitance	Yes
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Dissolved thallium (Tl)	0.0008	mg/L	Sous-traitance	
Titanium (Ti)	0.01	mg/L	Sous-traitance	
Dissolved titanium (Ti)	0.01	mg/L	Sous-traitance	
Rainbow trout			Sous-traitance	Yes
- Toxic unit	1		Sous-traitance	
- CL-50 à 96 heures		% v/v	Sous-traitance	
Uranium (U)	0.001	mg/L	Sous-traitance	
Dissolved Uranium (U)	0.001	mg/L	Sous-traitance	
Vanadium (V)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Vanadium	0.0005	mg/L	Sous-traitance	
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes
Dissolved Zinc	0.001	mg/L	Sous-traitance	
Hydrocarbons (C10-C50)		mg/L	Sous-traitance	

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Quality control Report

Lab number: V-65116

Sample name: ST-10/ST-MMER-2 N 65 04.11

Sampling date: July 03, 2017

Sampling location: ST-10

Sampling hour: 08:45

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 147 Accuracy 98.6% Limit 123 - 167
Dissolved Organic Carbon (D.O.C.) mg/L	Blank <0.2
	Standard name COD 10mg/L Result 12 Accuracy 80% Limit 8 - 12
Total Organic Carbon (T.O.C.) mg/L	Blank <0.2
	Standard name COT 10mg/L Result 12 Accuracy 80% Limit 8 - 12
Chloride mg/L	Blank <0.5
	Standard name DMR-0266-2017-Cl Result 111 Accuracy 97.2% Limit 95 - 121
Dissolved Copper (Cu) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000 Result 0.0968 Accuracy 96.8% Limit 0.0800 - 0.1200
Total Cyanide (CNT) mg/L	Blank <0.001
	Standard name DMR-0266-CNT Result 0.229 Accuracy 95% Limit 0.205 - 0.277
Dissolved Iron (Fe) mg/L	Blank <0.01
	Standard name C00-046-705_X_1000 Result 1.12 Accuracy 88% Limit 0.800 - 1.200
Total Suspended Solids mg/L	Blank <1
	Standard name STD-MES 25mg/L Result 25 Accuracy 100% Limit 19 - 31
Mercury (Hg) mg/L	Blank <0.00001

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Quality control Report

Lab number: V-65116

Sample name: ST-10/ST-MMER-2 N 65 04.11

Sampling date: July 03, 2017

Sampling location: ST-10

Sampling hour: 08:45

Parameter	
	Standard name DMR-0266-2017-HgEu
	Result 0.00054
	Accuracy 77.1%
	Limit 0.00042 - 0.00098
Dissolved Mercury (Hg) mg/L	Blank <0.00001
	Standard name DMR-0266-2017-HgEu
	Result 0.00053
	Accuracy 75.7%
	Limit 0.00042 - 0.00098
Nitrate (NO3) mg N/L	Blank <0.01
Nitrite (NO2) mg N/L	Blank <0.01
	Standard name DMR-0266-2017-NO2-2
	Result 2.81
	Accuracy 96.3%
	Limit 2.30 - 3.12
Ortho-Phosphate (O-PO4) mg P/L	Blank <0.01
	Standard name DMR-0266-2017-OPO4
	Result 0.52
	Accuracy 88.1%
	Limit 0.52 - 0.66
Radium (Ra 226) Becquerels/L	Blank <0.002
	Standard name STD 54981
	Result 0.0740
	Accuracy 90%
	Limit 0.0699 - 0.0945
Sulfate (SO4) mg SO4/L	Blank <0.6
	Standard name DMR-0266-2017-SO4
	Result 116
	Accuracy 94.3%
	Limit 114 - 132

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Additional information

Lab number: V-65116

Sample name: ST-10/ST-MMER-2 N 65 04.11

Sampling location: ST-10

Sampling date: July 03, 2017

Sampling hour: 08:45

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-CL-2.0	MA.300-Ions 1.3
M-CN-1.0	MA.300-CN 1.2
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-P-2.0	MA.303-P 1.1
M-RA-2.0	APHA 7500-Ra B et EPA P.13 (EMSL-CI)
M-SULF-2.0	MA.300-Ions 1.3

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Client : 6088 H2LAB

Job Number: B738580

Client Project Name & Number: -

No. d'échantillon : EF3608-02

Test Result:

48 hrs LC50 %v/v (95% CL): >100 (N/A) Statistical Method: Visual

Toxic Units: <1

48 hrs EC50 %v/v (95% CL): >100 (N/A) Statistical Method: Visual

Comment: non-toxic

Sample Name : 65116-ST10/ST-MMER-2

Sample Matrix : WATER

Description: Colorless, translucent, odorless, no solids

Sample Prior to Analysis:

Sample Collected: Jul 03, 2017 08:45 AM

Sampling Method : Grab

pH: 7.5

Sample Collected By: FANNY L.

Site Collection: ST-10

Temperature : 19 °C

Sample Received: Jul 06, 2017 09:00 AM

Volume Received: 1L

Dissolved Oxygen: 8.5 mg/L

Analysis Start : Jul 07, 2017 01:57 PM

Temp. Upon Arrival: °C

Sample Conductance: 166 µS/cm

End : Jul 09, 2017 02:00 PM

Storage: 2-6°C

Hardness: 65 mg CaCO₃/L

Concentration	Temperature (°C)	pH (pH)	Conductivity (µS/cm)	Dissolved oxygen (mg/L)	Temperature (°C)	pH (pH)	Dissolved oxygen (mg/L)	Immobility (#)	Immobility (%)	Mortality (#)	Mortality (%)
%v/v	Initial	Initial	Initial	Initial	48 hrs	48 hr	48 hrs	48 hrs	48 hrs	48 hrs	48 hrs
0	22	7.8	483	8.2	19	8.0	8.4	0	0	0	0
6.25	21	7.9	464	8.3	20	8.0	8.2	0	0	0	0
12.5	21	7.9	449	8.3	20	8.0	8.3	0	0	0	0
25	21	7.8	407	8.3	20	7.9	8.0	0	0	0	0
50	20	7.8	330	8.5	19	7.9	8.4	0	0	0	0
100	19	7.6	167	8.5	19	7.8	8.4	0	0	0	0

Comments : No discrepancies observed during the test. Version 2 of report : sample name modification.

Culture/Control/Dilution Water:

Reconstituted water for Daphnia

Hardness:

170 mg/l CaCO₃

Other parameters available on request.

Test Conditions

Test concentration : 0,6.25,12.5,25,50,100 (%v/v)

Organisms per Vessel : 10

Pre-aeration Time : 0 min

Rate of Pre-aeration : 40±5 mL/min/L

Total # of Organisms Used : 60

Test Temperature : 20 ± 2 °C

Test Hardness Adjusted : No

Test Volume : 150 mL

Vessel Volume : 270 ml

Test pH Adjusted: No

Loading Density : 15.0 mL/Daphnia

Photoperiod : 16 hours of light; 8 hours of darkness

Test Organism :

Daphnia magna

Source : Maxxam Lab Culture

Age at Test Initiation : <24 hres

Average Brood Size : 17.7

Culture Photoperiod : 16 hours of light; 8 hours of darkness

% Mortality within 7 days : 1

Culture Temperature : 20 ± 2 °C

Time To First Brood : 9 Days

Culture Diet

Fed once a day.

Reference chemical:

Potassium Dichromate

Test Date:

Jul 04, 2017

Test Endpoint 48 hrs LC50 (95% confidence interval) :

0.24 (0.14, 0.38)mg/L

Statistical Method :

Moving Averages

Historical Mean LC50 (warning limits) :

0.20 (0.12, 0.35) mg/L

Concentration : 0,0.0625,0.125,0.25,0.5,1 mg/L

Test Method

QUE SOP-00406. Reference Method for Determining Acute Lethality of Effluents to *Daphnia magna*. EPS1/RM/14 - Second Edition. Environment Canada. 2000.

This is essentially a 48H static test. Ten individuals are submitted to different effluent concentrations in order to measure the LC50 in controlled temperature, light intensity and loading density.

Method Deviations:

No change was made to the method.

The results contained in this report refer only to the testing of the sample submitted. This report may not be reproduced, except in its entirety, without the written approval of the laboratory.

Client : 6088 H2LAB

Job Number: B738580

Client Project Name & Number: -

No. d'échantillon : EF3608-02

Analyst : Angela Paquet-Walsh, Véronique Fournier

Alexandra Côté

Verified By : Alexandra Côté, B.Sc. Biologist

Date: Jul 25, 2017 09:31 AM

Client : 6088 H2LAB

Job Number: B738580

Client Project Name & Number: -

Test Result:

96 hrs LC50 %v/v (95% CL): >100 (N/A) **Statistical Method:** Visual

Toxic Units: <1

Comment: non-toxic

Sample Name : 65116-ST10/ST-MMER-2

Sample Matrix : WATER

Description: Beige, translucent

Sample Number: EF3608-01

Sample Collected: Jul 03, 2017 08:45 AM

Sampling Method : Grab

Site Collection: ST-10

Sample Collected By: FANNY L.

Volume Received: 40 L

Temp. Upon Arrival: 19 °C **Storage:** 2-6 °C

Sample Received: Jul 06, 2017 09:00 AM

pH: 7.4

Dissolved Oxygen: 9.2 mg/L

Analysis Start : Jul 07, 2017 01:40 PM

Temperature : 15 °C

Sample Conductance: 168 µS/cm

Concentration	Temperature (°C)	pH (pH)	Conductivity (uS/cm)	Dissolved oxygen (mg/L)	Temperature (°C)	pH (pH)	Dissolved oxygen (mg/L)	Atypical Behaviour (#)	Atypical Behaviour (%)	Mortality (#)	Mortality (%)
%v/v	Initial	Initial	Initial	Initial	96 hrs	96 hr	96 hrs	24 hrs	24 hrs	24 hrs	24 hrs
0	15	7.5	236	9.9	14	7.6	10.1	0	0	0	0
6.25	15	7.5	232	9.8	15	7.5	9.9	0	0	0	0
12.5	15	7.4	228	9.9	15	7.5	10.0	0	0	0	0
25	15	7.4	220	9.8	15	7.5	9.9	0	0	0	0
50	15	7.4	204	9.9	15	7.4	10.1	0	0	0	0
100	15	7.3	168	9.7	14	7.4	10.0	0	0	0	0

Concentration	Atypical Behaviour (#)	Atypical Behaviour (%)	Mortality (#)	Mortality (%)	Atypical Behaviour (#)	Atypical Behaviour (%)	Mortality (#)	Mortality (%)	Atypical Behaviour (#)	Atypical Behaviour (%)	Mortality (#)	Mortality (%)
%v/v	48 hrs	48 hrs	48 hrs	48 hrs	72 hrs	72 hrs	72 hrs	72 hrs	96 hrs	96 hrs	96 hrs	96 hrs
0	0	0	0	0	0	0	0	0	0	0	0	0
6.25	0	0	0	0	0	0	0	0	0	0	0	0
12.5	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0
50	0	0	0	0	0	0	0	0	0	0	0	0
100	0	0	0	0	0	0	0	0	0	0	0	0

Comments : No discrepancies observed during the test. Version 2 of report : sample name modification.

Culture/Control/Dilution Water

Dechlorinated municipal tap water

Hardness:

91 mg/l CaCO₃

Other parameters available on request.

Test Conditions

Test concentration : 0,6.25,12.5,25,50,100 (%v/v)

Organisms per Vessel : 10

Test Temperature : 15 ± 1 °C

Solution Depth : 20 cm

Total # of Organisms Used : 60

Pre-aeration Time : 30 min.

Rate of Aeration : 6.5±1 mL/min/L

Test Volume : 16 L

Vessel Volume : 20L

Test pH Adjusted: No

Loading Density : 0.3 g/L

Photoperiod : 16 hours of light; 8 hours of darkness

Type de réservoir d'essai: 20L glass aquarium with polyethylene bag.

The results contained in this report refer only to the testing of the sample submitted. This report may not be reproduced, except in its entirety, without the written approval of the laboratory.

Client : 6088 H2LAB
Client Project Name & Number: -

Job Number: B738580
Sample Number: EF3608-01

Test Organism : Rainbow Trout (*Oncorhynchus mykiss*) **Source :** Piscicultures Les Arpents Verts
Culture Temperature : 15 ± 2 °C **Weight (Mean) +- SD :** 0.4 ± 0.1 g **Length (Mean) +- SD :** 3.31 ± 0.29 cm
Culture Water Renewal : 2 liters/min **Weight (Range) :** 0.3 ± 0.6 g **Length (Range) :** 2.80 – 3.80 cm
Culture Photoperiod : 16 hours of light; 8 hours of darkness **% Mortality within 7 days :** 0%
Feeding rate and frequency : 1-2x a day; 1-5% of the body weights. **Acclimation Time:** >14 days

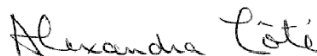
Reference chemical: Phenol **Test Date:** Jul 07, 2017
Test Endpoint 96 hrs LC50 (95% confidence interval) : 9.43 (6.00, 13.0)mg/L **Statistical Method :** Binomial
Historical Mean LC50 (warning limits) : 10.5 (8.21, 13.5) mg/L **Concentration :** 0,4,6,9,13,18 mg/L

Test Method QUE SOP - 00408. Reference Method for Determining Acute Lethality of Effluents to Rainbow Trout. EPS1/RM/13 - Second Edition. Environment Canada. 2000. (Including Amendments: May 2007).

This is essentially a 96H static test. Ten individuals are submitted to different effluent concentrations in order to measure the LC50 in controlled temperature, light intensity and loading density.

Method Deviations : No change was made to the method.

Analyst : Christian Godin, Olivier Roberge



Verified By : Alexandra Côté, B.Sc. Biologist

Date: Jul 25, 2017 09:29 AM



Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-65117

Sampling location: ST-10/N65 04.11.9 W95 59.52.7

Sampling date: July 03, 2017

Sample name: ST-10/ST-MMER-2 DUP

Sampling hour: 08:45

Sampled by: Fanny L. Tom T

Date received: July 04, 2017

Matrix: Water

Drinking water distribution: **Vault**

Reported on: July 24, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
This report shall not be reproduced except in full without the written authority of the laboratory.



Analytical Report

Lab number: V-65117

Sample name: ST-10/ST-MMER-2 DUP

Sampling date: July 03, 2017

Sampling location: ST-10/N65 04.11.9 W95 59.52.7

Sampling hour: 08:45

Parameter	Result	Method name	Analysis date
Alkalinity	37 mg CaCO ₃ /L	M-TIT-1.0	July 04, 2017
Aluminium (Al)	0.095 mg/L	Sous-traitance\Multilab Direct	July 05, 2017
Dissolved Aluminium (Al)	0.019 mg/L	Sous-traitance\Multilab Direct	July 05, 2017
Antimony (Sb)	0.0008 mg/L	Sous-traitance\Multilab Direct	July 05, 2017
Dissolved Antimony (Sb)	0.0004 mg/L	Sous-traitance\Multilab Direct	July 05, 2017
Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 05, 2017
Dissolved Arsenic (As)	0.0007 mg/L	Sous-traitance\Multilab Direct	July 05, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	1.03 mg N/L	Sous-traitance\H2Lab inc. (SAM)	July 06, 2017
Kjeldahl nitrogen	1 mg N/L	Sous-traitance\H2Lab inc. (SAM)	July 14, 2017
Barium (Ba)	0.0138 mg/L	Sous-traitance\Multilab Direct	July 05, 2017
Dissolved Barium (Ba)	0.0105 mg/L	Sous-traitance\Multilab Direct	July 05, 2017
Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 05, 2017
Dissolved Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 05, 2017
bicarbonate (HCO ₃)	37 mg CaCO ₃ /L	M-TIT-1.0	July 04, 2017
Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	July 05, 2017
Dissolved Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	July 05, 2017
Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	July 05, 2017
Dissolved Cadmium (Cd)	0.00002 mg/L	Sous-traitance\Multilab Direct	July 05, 2017
Calcium (Ca)	16.6 mg/L	Sous-traitance\Multilab Direct	July 05, 2017
Carbonate (CO ₃)	<2 mg CaCO ₃ /L	M-TIT-1.0	July 04, 2017
Dissolved Organic Carbon (D.O.C.)	4.6 mg/L	M-COT-1.0	July 04, 2017
Total Organic Carbon (T.O.C.)	4.8 mg/L	M-COT-1.0	July 04, 2017
Chloride	5.0 mg/L	Sous-traitance\Multilab Direct	July 06, 2017
Chrome (Cr)	0.0011 mg/L	Sous-traitance\Multilab Direct	July 05, 2017
Dissolved Chromium (Cr)	0.0006 mg/L	Sous-traitance\Multilab Direct	July 05, 2017
Copper (Cu)	0.0026 mg/L	Sous-traitance\Multilab Direct	July 05, 2017
Dissolved Copper (Cu)	0.0014 mg/L	Sous-traitance\Multilab Direct	July 05, 2017
Total Cyanide (CNT)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 07, 2017
Hardness	61 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	July 05, 2017
Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 05, 2017
dissolved Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 05, 2017
Iron (Fe)	0.10 mg/L	Sous-traitance\Multilab Direct	July 05, 2017
Dissolved Iron (Fe)	<0.01 mg/L	Sous-traitance\Multilab Direct	July 05, 2017
Hydrocarbons (C10-C50)	0.1 mg/L	M-HYD-2.0	July 24, 2017
Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	July 06, 2017
Dissolved Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	July 06, 2017
Total Suspended Solids	<1 mg/L	M-SOLI-1.0	July 05, 2017
Magnesium (Mg)	4.79 mg/L	Sous-traitance\Multilab Direct	July 05, 2017
Manganese (Mn)	0.0577 mg/L	Sous-traitance\Multilab Direct	July 05, 2017
Dissolved Manganese (Mn)	0.0393 mg/L	Sous-traitance\Multilab Direct	July 05, 2017

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Analytical Report

Lab number: V-65117

Sample name: ST-10/ST-MMER-2 DUP

Sampling date: July 03, 2017

Sampling location: ST-10/N65 04.11.9 W95 59.52.7

Sampling hour: 08:45

Parameter	Result	Method name	Analysis date
Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	July 07, 2017
Dissolved Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	July 07, 2017
Molybdenum (Mo)	0.0069 mg/L	Sous-traitance\Multilab Direct	July 05, 2017
Dissolved Molybdenum (Mo)	0.0061 mg/L	Sous-traitance\Multilab Direct	July 05, 2017
Ammonia NH3 (non-ionized)	0.01 mg N/L	Sous-traitance\Multilab Direct	July 06, 2017
Nickel (Ni)	0.0048 mg/L	Sous-traitance\Multilab Direct	July 05, 2017
Dissolved Nickel (Ni)	0.0031 mg/L	Sous-traitance\Multilab Direct	July 05, 2017
Nitrate (NO3)	1.69 mg N/L	Sous-traitance\Multilab Direct	July 05, 2017
Nitrite (NO2)	0.04 mg N/L	Sous-traitance\Multilab Direct	July 05, 2017
Ortho-Phosphate (O-PO4)	<0.01 mg P/L	Sous-traitance\Multilab Direct	July 05, 2017
Total Phosphorus (P)	<0.04 mg P/L	Sous-traitance\H2Lab inc. (SAM)	July 10, 2017
Lead (Pb)	0.0005 mg/L	Sous-traitance\Multilab Direct	July 05, 2017
Dissolved Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	July 05, 2017
Potassium (K)	2.16 mg/L	Sous-traitance\Multilab Direct	July 05, 2017
Radium (Ra 226)	0.005 Becquerels/L	M-RA-2.0	July 20, 2017
Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 05, 2017
Dissolved Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 05, 2017
Reactive silica (SiO2)	1.6 mg/L	Sous-traitance\Maxxam	July 10, 2017
Sodium (Na)	2.44 mg/L	Sous-traitance\Multilab Direct	July 05, 2017
Dissolved Solids	110 mg/L	M-TIT-1.0	July 04, 2017
Strontium (Sr)	0.099 mg/L	Sous-traitance\Multilab Direct	July 06, 2017
dissolved Strontium (Sr)	0.102 mg/L	Sous-traitance\Multilab Direct	July 06, 2017
Sulfate (SO4)	31.6 mg SO4/L	Sous-traitance\Multilab Direct	July 07, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	July 06, 2017
Dissolved thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	July 06, 2017
Titanium (Ti)	0.01 mg/L	Sous-traitance\Multilab Direct	July 05, 2017
Dissolved titanium (Ti)	0.01 mg/L	Sous-traitance\Multilab Direct	July 05, 2017
Uranium (U)	0.001 mg/L	Sous-traitance\Multilab Direct	July 05, 2017
Dissolved Uranium (U)	0.001 mg/L	Sous-traitance\Multilab Direct	July 05, 2017
Vanadium (V)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 05, 2017
Dissolved Vanadium	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 05, 2017
Zinc (Zn)	0.004 mg/L	Sous-traitance\Multilab Direct	July 05, 2017
Dissolved Zinc	0.002 mg/L	Sous-traitance\Multilab Direct	July 05, 2017

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Detection limit

Lab number: V-65117

Sample name: ST-10/ST-MMER-2 DUP

Sampling date: July 03, 2017

Sampling location: ST-10/N65 04.11.9 W95 59.52.7

Sampling hour: 08:45

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO3/L	M-TIT-1.0	
Aluminium (Al)	0.006	mg/L	Sous-traitance	
Dissolved Aluminium (Al)	0.006	mg/L	Sous-traitance	
Antimony (Sb)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Antimony (Sb)	0.0001	mg/L	Sous-traitance	
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Arsenic (As)	0.0005	mg/L	Sous-traitance	
Kjeldahl nitrogen	0.07	mg N/L	Sous-traitance	
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Barium (Ba)	0.0005	mg/L	Sous-traitance	
Beryllium (Be)	0.0005	mg/L	Sous-traitance	
Dissolved Beryllium (Be)	0.0005	mg/L	Sous-traitance	
bicarbonate (HCO3)	2	mg CaCO3/L	M-TIT-1.0	
Boron (B)	0.01	mg/L	Sous-traitance	Yes
Dissolved Boron (B)	0.01	mg/L	Sous-traitance	
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Dissolved Cadmium (Cd)	0.00002	mg/L	Sous-traitance	
Calcium (Ca)	0.03	mg/L	Sous-traitance	Yes
Carbonate (CO3)	2	mg CaCO3/L	M-TIT-1.0	
Dissolved Organic Carbon (D.O.C.)	0.2	mg/L	M-COT-1.0	--
Total Organic Carbon (T.O.C.)	0.2	mg/L	M-COT-1.0	Yes
Chloride	0.5	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Dissolved Chromium (Cr)	0.0006	mg/L	Sous-traitance	
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Copper (Cu)	0.0005	mg/L	Sous-traitance	
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO3/L	Sous-traitance	
Tin (Sn)	0.001	mg/L	Sous-traitance	Yes
dissolved Tin (Sn)	0.001	mg/L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes
Dissolved Iron (Fe)	0.01	mg/L	Sous-traitance	
Hydrocarbons (C10-C50)	0.1	mg/L	M-HYD-2.0	Yes
Lithium (Li)	0.005	mg/L	Sous-traitance	
Dissolved Lithium (Li)	0.005	mg/L	Sous-traitance	
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Magnesium (Mg)	0.02	mg/L	Sous-traitance	Yes
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Manganese (Mn)	0.0005	mg/L	Sous-traitance	
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes

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Detection limit

Lab number: V-65117

Sample name: ST-10/ST-MMER-2 DUP

Sampling date: July 03, 2017

Sampling location: ST-10/N65 04.11.9 W95 59.52.7

Sampling hour: 08:45

Parameter	Value	Unit	Method	Accreditation
Dissolved Mercury (Hg)	0.00001	mg/L	Sous-traitance	
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	
Ammonia NH3 (non-ionized)	0.01	mg N/L	Sous-traitance	-
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Nickel (Ni)	0.0005	mg/L	Sous-traitance	
Nitrate (NO3)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO2)	0.01	mg N/L	Sous-traitance	Yes
Ortho-Phosphate (O-PO4)	0.01	mg P/L	Sous-traitance	Yes
Total Phosphorus (P)	0.001	mg P/L	Sous-traitance	
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Dissolved Lead (Pb)	0.0003	mg/L	Sous-traitance	
Potassium (K)	0.05	mg/L	Sous-traitance	
Radium (Ra 226)	0.002	Becquerels/L	M-RA-2.0	Yes
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Dissolved Selenium (Se)	0.001	mg/L	Sous-traitance	
Reactive silica (SiO2)		mg/L	Sous-traitance	
Sodium (Na)	0.05	mg/L	Sous-traitance	Yes
Dissolved Solids	1	mg/L	M-TIT-1.0	
Strontium (Sr)	0.005	mg/L	Sous-traitance	
dissolved Strontium (Sr)	0.005	mg/L	Sous-traitance	
Sulfate (SO4)	0.6	mg SO4/L	Sous-traitance	Yes
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Dissolved thallium (Tl)	0.0008	mg/L	Sous-traitance	
Titanium (Ti)	0.01	mg/L	Sous-traitance	
Dissolved titanium (Ti)	0.01	mg/L	Sous-traitance	
Uranium (U)	0.001	mg/L	Sous-traitance	
Dissolved Uranium (U)	0.001	mg/L	Sous-traitance	
Vanadium (V)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Vanadium	0.0005	mg/L	Sous-traitance	
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes
Dissolved Zinc	0.001	mg/L	Sous-traitance	

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Quality control Report

Lab number: V-65117

Sample name: ST-10/ST-MMER-2 DUP

Sampling date: July 03, 2017

Sampling location: ST-10/N65 04.11.9 W95 59.52.7

Sampling hour: 08:45

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 147 Accuracy 98.6% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006
	Standard name DMR-0219-2017-Eu Result 7.23 Accuracy 84.7% Limit 5.02 - 7.52
Dissolved Aluminium (Al) mg/L	Blank <0.006
	Standard name C00-046-705_X_1000 Result 1.01 Accuracy 99% Limit 0.800 - 1.200
Antimony (Sb) mg/L	Blank <0.0001
	Standard name DMR-0219-2017-Eu Result 0.1844 Accuracy 83.1% Limit 0.178 - 0.266
Dissolved Antimony (Sb) mg/L	Blank <0.0001
	Standard name C00-046-705_X_1000 Result 0.0099 Accuracy 99% Limit 0.0080 - 0.0120
Arsenic (As) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu Result 0.2963 Accuracy 95.7% Limit 0.199 - 0.369
Dissolved Arsenic (As) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000 Result 0.0930 Accuracy 93% Limit 0.0800 - 0.1200
Barium (Ba) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu Result 2.539 Accuracy 95.5% Limit 1.94 - 2.92
Dissolved Barium (Ba) mg/L	Blank <0.0005

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Quality control Report

Lab number: V-65117

Sample name: ST-10/ST-MMER-2 DUP

Sampling date: July 03, 2017

Sampling location: ST-10/N65 04.11.9 W95 59.52.7

Sampling hour: 08:45

Parameter	
	Standard name C00-046-705_X_1000
	Result 0.0968
	Accuracy 96.8%
	Limit 0.0800 - 0.1200
Beryllium (Be) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.670
	Accuracy 98.2%
	Limit 1.36 - 2.04
Dissolved Beryllium (Be) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1123
	Accuracy 87.7%
	Limit 0.0800 - 0.1200
Boron (B) mg/L	Blank <0.01
	Standard name DMR-0219-2017-Eu
	Result 2.90
	Accuracy 99.3%
	Limit 2.30 - 3.46
Dissolved Boron (B) mg/L	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.04
	Accuracy 96%
	Limit 0.800 - 1.200
Cadmium (Cd) mg/L	Blank <0.00002
	Standard name DMR-0219-2017-Eu
	Result 0.91473
	Accuracy 98.5%
	Limit 0.721 - 1.081
Dissolved Cadmium (Cd) mg/L	Blank <0.00002
	Standard name C00-046-705_X_1000
	Result 0.09546
	Accuracy 95.5%
	Limit 0.0800 - 0.1200
Calcium (Ca) mg/L	Blank <0.03
	Standard name DMR-0219-2017-Eu
	Result 19.6
	Accuracy 97%
	Limit 16.2 - 24.2
Dissolved Organic Carbon (D.O.C) mg/L	Blank <0.2

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Quality control Report

Lab number: V-65117

Sample name: ST-10/ST-MMER-2 DUP

Sampling date: July 03, 2017

Sampling location: ST-10/N65 04.11.9 W95 59.52.7

Sampling hour: 08:45

Parameter	
	Standard name COD 10mg/L
	Result 12
	Accuracy 80%
	Limit 8 - 12
Total Organic Carbon (T.O.C.) m	Blank <0.2
	Standard name COT 10mg/L
	Result 12
	Accuracy 80%
	Limit 8 - 12
Chloride mg/L	Blank <0.5
	Standard name DMR-0266-2017-CI
	Result 111
	Accuracy 97.2%
	Limit 95 - 121
Chrome (Cr) mg/L	Blank <0.0006
	Standard name DMR-0219-2017-Eu
	Result 3.963
	Accuracy 97.9%
	Limit 3.24 - 4.86
Dissolved Chromium (Cr) mg/L	Blank <0.0006
	Standard name C00-046-705_X_1000
	Result 0.0888
	Accuracy 88.8%
	Limit 0.0800 - 0.1200
Copper (Cu) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.341
	Accuracy 95.2%
	Limit 1.02 - 1.54
Dissolved Copper (Cu) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0968
	Accuracy 96.8%
	Limit 0.0800 - 0.1200
Total Cyanide (CNT) mg/L	Blank <0.001
	Standard name DMR-0266-CNT
	Result 0.229
	Accuracy 95%
	Limit 0.205 - 0.277
Tin (Sn) mg/L	Blank <0.001

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Quality control Report

Lab number: V-65117

Sample name: ST-10/ST-MMER-2 DUP

Sampling date: July 03, 2017

Sampling location: ST-10/N65 04.11.9 W95 59.52.7

Sampling hour: 08:45

Parameter	
	Standard name DMR-0123-2016-Sn
	Result 0.720
	Accuracy 89.8%
	Limit 0.642 - 0.962
dissolved Tin (Sn) mg/L	Blank <0.001
	Standard name DMR-0123-2016-Sn
	Result 0.853
	Accuracy 93.6%
	Limit 0.561 - 1.043
Iron (Fe) mg/L	Blank <0.01
	Standard name DMR-0219-2017-Eu
	Result 13.2
	Accuracy 84.2%
	Limit 9.1 - 13.7
Dissolved Iron (Fe) mg/L	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.12
	Accuracy 88%
	Limit 0.800 - 1.200
Hydrocarbons (C10-C50) mg/L	Standard name MR-0.625mg/L
	Result 0.700
	Accuracy 88%
	Limit 0.438 - 0.813
Hydrocarbons (C10-C50) mg/L	Blank <0.1
	Standard name C10C50-200ppm
	Result 1.30
	Accuracy 96%
	Limit 0.88 - 1.63
Total Suspended Solids mg/L	Blank <1
	Standard name STD-MES 25mg/L
	Result 25
	Accuracy 100%
	Limit 19 - 31
Magnesium (Mg) mg/L	Blank <0.02
	Standard name DMR-0219-2017-Eu
	Result 9.41
	Accuracy 81%
	Limit 6.33 - 9.49
Manganese (Mn) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu

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Quality control Report

Lab number: V-65117

Sample name: ST-10/ST-MMER-2 DUP

Sampling date: July 03, 2017

Sampling location: ST-10/N65 04.11.9 W95 59.52.7

Sampling hour: 08:45

Parameter	
	Result 3.874
	Accuracy 99.3%
	Limit 3.12 - 4.68
Dissolved Manganese (Mn) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0908
	Accuracy 90.8%
	Limit 0.0800 - 0.1200
Mercury (Hg) mg/L	Blank <0.00001
	Standard name DMR-0266-2017-HgEu
	Result 0.00054
	Accuracy 77.1%
	Limit 0.00042 - 0.00098
Dissolved Mercury (Hg) mg/L	Blank <0.00001
	Standard name DMR-0266-2017-HgEu
	Result 0.00053
	Accuracy 75.7%
	Limit 0.00042 - 0.00098
Molybdenum (Mo) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 0.6107
	Accuracy 86.3%
	Limit 0.566 - 0.850
Dissolved Molybdenum (Mo) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0886
	Accuracy 88.6%
	Limit 0.0800 - 0.1200
Nickel (Ni) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.079
	Accuracy 94.6%
	Limit 0.91 - 1.37
Dissolved Nickel (Ni) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0904
	Accuracy 90.4%
	Limit 0.0800 - 0.1200
Nitrate (NO3) mg N/L	Blank <0.01
Nitrite (NO2) mg N/L	Blank <0.01

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Quality control Report

Lab number: V-65117

Sample name: ST-10/ST-MMER-2 DUP

Sampling date: July 03, 2017

Sampling location: ST-10/N65 04.11.9 W95 59.52.7

Sampling hour: 08:45

Parameter	
	Standard name DMR-0266-2017-NO2-2
	Result 2.81
	Accuracy 96.3%
	Limit 2.30 - 3.12
Ortho-Phosphate (O-PO4) mg P/l	Blank <0.01
	Standard name DMR-0266-2017-OPO4
	Result 0.52
	Accuracy 88.1%
	Limit 0.52 - 0.66
Lead (Pb) mg/L	Blank <0.0003
	Standard name DMR-0219-2017-Eu
	Result 0.8760
	Accuracy 97%
	Limit 0.722 - 1.084
Dissolved Lead (Pb) mg/L	Blank <0.0003
	Standard name C00-046-705_X_1000
	Result 0.0895
	Accuracy 89.5%
	Limit 0.0800 - 0.1200
Potassium (K) mg/L	Blank <0.05
	Standard name DMR-0219-2017-Eu
	Result 16.2
	Accuracy 91%
	Limit 14.2 - 21.4
Radium (Ra 226) Becquerels/L	Blank <0.002
	Standard name STD 54981
	Result 0.0740
	Accuracy 90%
	Limit 0.0699 - 0.0945
Selenium (Se) mg/L	Blank <0.001
	Standard name DMR-0219-2017-Eu
	Result 1.38
	Accuracy 97.8%
	Limit 1.08 - 1.62
Dissolved Selenium (Se) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.100
	Accuracy 100%
	Limit 0.0800 - 0.1200
Sodium (Na) mg/L	Blank <0.05

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Quality control Report

Lab number: V-65117

Sample name: ST-10/ST-MMER-2 DUP

Sampling date: July 03, 2017

Sampling location: ST-10/N65 04.11.9 W95 59.52.7

Sampling hour: 08:45

Parameter	
	Standard name DMR-0219-2017-Eu
	Result 31.3
	Accuracy 84.5%
	Limit 21.7 - 32.5
Sulfate (SO4) mg SO4/L	Blank <0.6
	Standard name DMR-0266-2017-SO4
	Result 116
	Accuracy 94.3%
	Limit 114 - 132
Titanium (Ti) mg/L	Blank <0.01
Dissolved titanium (Ti) mg/L	Blank <0.01
Uranium (U) mg/L	Blank <0.001
	Standard name DMR-0219-2017-Eu
	Result 1.61
	Accuracy 91.5%
	Limit 1.41 - 2.11
Dissolved Uranium (U) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.099
	Accuracy 99%
	Limit 0.0800 - 0.1200
Vanadium (V) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.936
	Accuracy 97.3%
	Limit 1.59 - 2.39
Dissolved Vanadium mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0863
	Accuracy 86.3%
	Limit 0.0800 - 0.1200
Zinc (Zn) mg/L	Blank <0.001
	Standard name DMR-0219-2017-Eu
	Result 4.62
	Accuracy 98.7%
	Limit 3.65 - 5.47
Dissolved Zinc mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.100
	Accuracy 100%

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Additional information

Lab number: V-65117

Sample name: ST-10/ST-MMER-2 DUP

Sampling date: July 03, 2017

Sampling location: ST-10/N65 04.11.9 W95 59.52.7

Sampling hour: 08:45

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-CL-2.0	MA.300-Ions 1.3
M-CN-1.0	MA.300-CN 1.2
M-HYD-2.0	MA.400-HYD. 1.1
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-P-2.0	MA.303-P 1.1
M-RA-2.0	APHA 7500-Ra B et EPA P.13 (EMSL-CI)
M-SULF-2.0	MA.300-Ions 1.3

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-65118

Sampling location: ST-10/N65 04.11.9 W95 59.52.7

Sampling date: July 03, 2017

Sample name: ST-10/ST-MMER-2 FB

Sampling hour: 08:45

Sampled by: Fanny L. Tom T

Date received: July 04, 2017

Matrix: Water

Drinking water distribution: **Vault**

Reported on: July 24, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

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Analytical Report

Lab number: V-65118

Sample name: ST-10/ST-MMER-2 FB

Sampling date: July 03, 2017

Sampling location: ST-10/N65 04.11.9 W95 59.52.7

Sampling hour: 08:45

Parameter	Result	Method name	Analysis date
Alkalinity	9 mg CaCO ₃ /L	M-TIT-1.0	July 04, 2017
Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	July 05, 2017
Dissolved Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	July 05, 2017
Antimony (Sb)	<0.0001 mg/L	Sous-traitance\Multilab Direct	July 05, 2017
Dissolved Antimony (Sb)	<0.0001 mg/L	Sous-traitance\Multilab Direct	July 05, 2017
Arsenic (As)	0.0036 mg/L	Sous-traitance\Multilab Direct	July 05, 2017
Dissolved Arsenic (As)	0.0008 mg/L	Sous-traitance\Multilab Direct	July 05, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	0.09 mg N/L	Sous-traitance\H2Lab inc. (SAM)	July 06, 2017
Kjeldahl nitrogen	<0.70 mg N/L	Sous-traitance\H2Lab inc. (SAM)	July 14, 2017
Barium (Ba)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 05, 2017
Dissolved Barium (Ba)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 05, 2017
Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 05, 2017
Dissolved Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 05, 2017
bicarbonate (HCO ₃)	9 mg CaCO ₃ /L	M-TIT-1.0	July 04, 2017
Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	July 05, 2017
Dissolved Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	July 05, 2017
Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	July 05, 2017
Dissolved Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	July 05, 2017
Calcium (Ca)	<0.03 mg/L	Sous-traitance\Multilab Direct	July 05, 2017
Carbonate (CO ₃)	<2 mg CaCO ₃ /L	M-TIT-1.0	July 04, 2017
Dissolved Organic Carbon (D.O.C.)	<0.2 mg/L	M-COT-1.0	July 04, 2017
Total Organic Carbon (T.O.C.)	0.5 mg/L	M-COT-1.0	July 04, 2017
Chloride	<0.5 mg/L	Sous-traitance\Multilab Direct	July 06, 2017
Chrome (Cr)	0.0026 mg/L	Sous-traitance\Multilab Direct	July 05, 2017
Dissolved Chromium (Cr)	0.0016 mg/L	Sous-traitance\Multilab Direct	July 05, 2017
Copper (Cu)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 05, 2017
Dissolved Copper (Cu)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 05, 2017
Total Cyanide (CNT)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 07, 2017
Hardness	<1 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	July 05, 2017
Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 05, 2017
dissolved Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 05, 2017
Iron (Fe)	<0.01 mg/L	Sous-traitance\Multilab Direct	July 05, 2017
Dissolved Iron (Fe)	<0.01 mg/L	Sous-traitance\Multilab Direct	July 05, 2017
Hydrocarbons (C10-C50)	<0.1 mg/L	M-HYD-2.0	July 24, 2017
Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	July 06, 2017
Dissolved Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	July 06, 2017
Total Suspended Solids	<1 mg/L	M-SOLI-1.0	July 05, 2017
Magnesium (Mg)	<0.02 mg/L	Sous-traitance\Multilab Direct	July 05, 2017
Manganese (Mn)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 05, 2017
Dissolved Manganese (Mn)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 05, 2017

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Analytical Report

Lab number: V-65118

Sample name: ST-10/ST-MMER-2 FB

Sampling date: July 03, 2017

Sampling location: ST-10/N65 04.11.9 W95 59.52.7

Sampling hour: 08:45

Parameter	Result	Method name	Analysis date
Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	July 07, 2017
Dissolved Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	July 07, 2017
Molybdenum (Mo)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 05, 2017
Dissolved Molybdenum (Mo)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 05, 2017
Ammonia NH3 (non-ionized)	<0.01 mg N/L	Sous-traitance\Multilab Direct	July 06, 2017
Nickel (Ni)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 05, 2017
Dissolved Nickel (Ni)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 05, 2017
Nitrate (NO3)	<0.01 mg N/L	Sous-traitance\Multilab Direct	July 05, 2017
Nitrite (NO2)	<0.01 mg N/L	Sous-traitance\Multilab Direct	July 05, 2017
Ortho-Phosphate (O-PO4)	<0.01 mg P/L	Sous-traitance\Multilab Direct	July 05, 2017
Total Phosphorus (P)	0.04 mg P/L	Sous-traitance\H2Lab inc. (SAM)	July 10, 2017
Lead (Pb)	0.0065 mg/L	Sous-traitance\Multilab Direct	July 05, 2017
Dissolved Lead (Pb)	0.0071 mg/L	Sous-traitance\Multilab Direct	July 05, 2017
Potassium (K)	<0.05 mg/L	Sous-traitance\Multilab Direct	July 05, 2017
Radium (Ra 226)	<0.002 Becquerels/L	M-RA-2.0	July 20, 2017
Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 05, 2017
Dissolved Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 05, 2017
Reactive silica (SiO2)	0.13 mg/L	Sous-traitance\Maxxam	July 10, 2017
Sodium (Na)	<0.05 mg/L	Sous-traitance\Multilab Direct	July 05, 2017
Dissolved Solids	1 mg/L	M-TIT-1.0	July 04, 2017
Strontium (Sr)	<0.005 mg/L	Sous-traitance\Multilab Direct	July 06, 2017
dissolved Strontium (Sr)	<0.005 mg/L	Sous-traitance\Multilab Direct	July 06, 2017
Sulfate (SO4)	<0.6 mg SO4/L	Sous-traitance\Multilab Direct	July 07, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	July 06, 2017
Dissolved thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	July 06, 2017
Titanium (Ti)	<0.01 mg/L	Sous-traitance\Multilab Direct	July 05, 2017
Dissolved titanium (Ti)	<0.01 mg/L	Sous-traitance\Multilab Direct	July 05, 2017
Uranium (U)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 05, 2017
Dissolved Uranium (U)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 05, 2017
Vanadium (V)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 05, 2017
Dissolved Vanadium	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 05, 2017
Zinc (Zn)	0.002 mg/L	Sous-traitance\Multilab Direct	July 05, 2017
Dissolved Zinc	0.002 mg/L	Sous-traitance\Multilab Direct	July 05, 2017

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Detection limit

Lab number: V-65118

Sample name: ST-10/ST-MMER-2 FB

Sampling date: July 03, 2017

Sampling location: ST-10/N65 04.11.9 W95 59.52.7

Sampling hour: 08:45

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO ₃ /L	M-TIT-1.0	
Aluminium (Al)	0.006	mg/L	Sous-traitance	
Dissolved Aluminium (Al)	0.006	mg/L	Sous-traitance	
Antimony (Sb)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Antimony (Sb)	0.0001	mg/L	Sous-traitance	
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Arsenic (As)	0.0005	mg/L	Sous-traitance	
Kjeldahl nitrogen	0.07	mg N/L	Sous-traitance	
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Barium (Ba)	0.0005	mg/L	Sous-traitance	
Beryllium (Be)	0.0005	mg/L	Sous-traitance	
Dissolved Beryllium (Be)	0.0005	mg/L	Sous-traitance	
bicarbonate (HCO ₃)	2	mg CaCO ₃ /L	M-TIT-1.0	
Boron (B)	0.01	mg/L	Sous-traitance	Yes
Dissolved Boron (B)	0.01	mg/L	Sous-traitance	
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Dissolved Cadmium (Cd)	0.00002	mg/L	Sous-traitance	
Calcium (Ca)	0.03	mg/L	Sous-traitance	Yes
Carbonate (CO ₃)	2	mg CaCO ₃ /L	M-TIT-1.0	
Dissolved Organic Carbon (D.O.C.)	0.2	mg/L	M-COT-1.0	--
Total Organic Carbon (T.O.C.)	0.2	mg/L	M-COT-1.0	Yes
Chloride	0.5	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Dissolved Chromium (Cr)	0.0006	mg/L	Sous-traitance	
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Copper (Cu)	0.0005	mg/L	Sous-traitance	
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO ₃ /L	Sous-traitance	
Tin (Sn)	0.001	mg/L	Sous-traitance	Yes
dissolved Tin (Sn)	0.001	mg/L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes
Dissolved Iron (Fe)	0.01	mg/L	Sous-traitance	
Hydrocarbons (C10-C50)	0.1	mg/L	M-HYD-2.0	Yes
Lithium (Li)	0.005	mg/L	Sous-traitance	
Dissolved Lithium (Li)	0.005	mg/L	Sous-traitance	
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Magnesium (Mg)	0.02	mg/L	Sous-traitance	Yes
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Manganese (Mn)	0.0005	mg/L	Sous-traitance	
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes

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Detection limit

Lab number: V-65118

Sample name: ST-10/ST-MMER-2 FB

Sampling date: July 03, 2017

Sampling location: ST-10/N65 04.11.9 W95 59.52.7

Sampling hour: 08:45

Parameter	Value	Unit	Method	Accreditation
Dissolved Mercury (Hg)	0.00001	mg/L	Sous-traitance	
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	
Ammonia NH3 (non-ionized)	0.01	mg N/L	Sous-traitance	-
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Nickel (Ni)	0.0005	mg/L	Sous-traitance	
Nitrate (NO3)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO2)	0.01	mg N/L	Sous-traitance	Yes
Ortho-Phosphate (O-PO4)	0.01	mg P/L	Sous-traitance	Yes
Total Phosphorus (P)	0.001	mg P/L	Sous-traitance	
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Dissolved Lead (Pb)	0.0003	mg/L	Sous-traitance	
Potassium (K)	0.05	mg/L	Sous-traitance	
Radium (Ra 226)	0.002	Becquerels/L	M-RA-2.0	Yes
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Dissolved Selenium (Se)	0.001	mg/L	Sous-traitance	
Reactive silica (SiO2)		mg/L	Sous-traitance	
Sodium (Na)	0.05	mg/L	Sous-traitance	Yes
Dissolved Solids	1	mg/L	M-TIT-1.0	
Strontium (Sr)	0.005	mg/L	Sous-traitance	
dissolved Strontium (Sr)	0.005	mg/L	Sous-traitance	
Sulfate (SO4)	0.6	mg SO4/L	Sous-traitance	Yes
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Dissolved thallium (Tl)	0.0008	mg/L	Sous-traitance	
Titanium (Ti)	0.01	mg/L	Sous-traitance	
Dissolved titanium (Ti)	0.01	mg/L	Sous-traitance	
Uranium (U)	0.001	mg/L	Sous-traitance	
Dissolved Uranium (U)	0.001	mg/L	Sous-traitance	
Vanadium (V)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Vanadium	0.0005	mg/L	Sous-traitance	
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes
Dissolved Zinc	0.001	mg/L	Sous-traitance	

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Quality control Report

Lab number: V-65118

Sample name: ST-10/ST-MMER-2 FB

Sampling date: July 03, 2017

Sampling location: ST-10/N65 04.11.9 W95 59.52.7

Sampling hour: 08:45

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 147 Accuracy 98.6% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006
	Standard name DMR-0219-2017-Eu Result 7.23 Accuracy 84.7% Limit 5.02 - 7.52
Dissolved Aluminium (Al) mg/L	Blank <0.006
	Standard name C00-046-705_X_1000 Result 1.01 Accuracy 99% Limit 0.800 - 1.200
Antimony (Sb) mg/L	Blank <0.0001
	Standard name DMR-0219-2017-Eu Result 0.1844 Accuracy 83.1% Limit 0.178 - 0.266
Dissolved Antimony (Sb) mg/L	Blank <0.0001
	Standard name C00-046-705_X_1000 Result 0.0099 Accuracy 99% Limit 0.0080 - 0.0120
Arsenic (As) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu Result 0.2963 Accuracy 95.7% Limit 0.199 - 0.369
Dissolved Arsenic (As) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000 Result 0.0930 Accuracy 93% Limit 0.0800 - 0.1200
Barium (Ba) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu Result 2.539 Accuracy 95.5% Limit 1.94 - 2.92
Dissolved Barium (Ba) mg/L	Blank <0.0005

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Quality control Report

Lab number: V-65118

Sample name: ST-10/ST-MMER-2 FB

Sampling date: July 03, 2017

Sampling location: ST-10/N65 04.11.9 W95 59.52.7

Sampling hour: 08:45

Parameter	
Beryllium (Be) mg/L	Standard name C00-046-705_X_1000
	Result 0.0968
	Accuracy 96.8%
	Limit 0.0800 - 0.1200
	Blank <0.0005
Dissolved Beryllium (Be) mg/L	Standard name DMR-0219-2017-Eu
	Result 1.670
	Accuracy 98.2%
	Limit 1.36 - 2.04
	Blank <0.0005
Boron (B) mg/L	Standard name C00-046-705_X_1000
	Result 0.1123
	Accuracy 87.7%
	Limit 0.0800 - 0.1200
	Blank <0.01
Dissolved Boron (B) mg/L	Standard name DMR-0219-2017-Eu
	Result 2.90
	Accuracy 99.3%
	Limit 2.30 - 3.46
	Blank <0.01
Cadmium (Cd) mg/L	Standard name C00-046-705_X_1000
	Result 1.04
	Accuracy 96%
	Limit 0.800 - 1.200
	Blank <0.00002
Dissolved Cadmium (Cd) mg/L	Standard name DMR-0219-2017-Eu
	Result 0.91473
	Accuracy 98.5%
	Limit 0.721 - 1.081
	Blank <0.00002
Calcium (Ca) mg/L	Standard name C00-046-705_X_1000
	Result 0.09546
	Accuracy 95.5%
	Limit 0.0800 - 0.1200
	Blank <0.03
Dissolved Organic Carbon (D.O.C) mg/L	Standard name DMR-0219-2017-Eu
	Result 19.6
	Accuracy 97%
	Limit 16.2 - 24.2
	Blank <0.2

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Quality control Report

Lab number: V-65118

Sample name: ST-10/ST-MMER-2 FB

Sampling date: July 03, 2017

Sampling location: ST-10/N65 04.11.9 W95 59.52.7

Sampling hour: 08:45

Parameter	
	Standard name COD 10mg/L
	Result 12
	Accuracy 80%
	Limit 8 - 12
Total Organic Carbon (T.O.C.) m	Blank <0.2
	Standard name COT 10mg/L
	Result 12
	Accuracy 80%
	Limit 8 - 12
Chloride mg/L	Blank <0.5
	Standard name DMR-0266-2017-CI
	Result 111
	Accuracy 97.2%
	Limit 95 - 121
Chrome (Cr) mg/L	Blank <0.0006
	Standard name DMR-0219-2017-Eu
	Result 3.963
	Accuracy 97.9%
	Limit 3.24 - 4.86
Dissolved Chromium (Cr) mg/L	Blank <0.0006
	Standard name C00-046-705_X_1000
	Result 0.0888
	Accuracy 88.8%
	Limit 0.0800 - 0.1200
Copper (Cu) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.341
	Accuracy 95.2%
	Limit 1.02 - 1.54
Dissolved Copper (Cu) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0968
	Accuracy 96.8%
	Limit 0.0800 - 0.1200
Total Cyanide (CNT) mg/L	Blank <0.001
	Standard name DMR-0266-CNT
	Result 0.229
	Accuracy 95%
	Limit 0.205 - 0.277
Tin (Sn) mg/L	Blank <0.001

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Quality control Report

Lab number: V-65118

Sample name: ST-10/ST-MMER-2 FB

Sampling date: July 03, 2017

Sampling location: ST-10/N65 04.11.9 W95 59.52.7

Sampling hour: 08:45

Parameter	
dissolved Tin (Sn) mg/L	Standard name DMR-0123-2016-Sn
	Result 0.720
	Accuracy 89.8%
	Limit 0.642 - 0.962
	Blank <0.001
Iron (Fe) mg/L	Standard name DMR-0123-2016-Sn
	Result 0.853
	Accuracy 93.6%
	Limit 0.561 - 1.043
	Blank <0.01
Dissolved Iron (Fe) mg/L	Standard name DMR-0219-2017-Eu
	Result 13.2
	Accuracy 84.2%
	Limit 9.1 - 13.7
	Blank <0.01
Hydrocarbons (C10-C50) mg/L	Standard name C00-046-705_X_1000
	Result 1.12
	Accuracy 88%
	Limit 0.800 - 1.200
	Blank <0.025
Hydrocarbons (C10-C50) mg/L	Standard name MR-0.625mg/L
	Result 0.700
	Accuracy 88%
	Limit 0.438 - 0.813
	Blank <0.1
Total Suspended Solids mg/L	Standard name C10C50-200ppm
	Result 1.30
	Accuracy 96%
	Limit 0.88 - 1.63
	Blank <1
Magnesium (Mg) mg/L	Standard name STD-MES 25mg/L
	Result 25
	Accuracy 100%
	Limit 19 - 31
	Blank <0.02
Manganese (Mn) mg/L	Standard name DMR-0219-2017-Eu
	Result 9.41
	Accuracy 81%
	Limit 6.33 - 9.49
	Blank <0.0005
	Standard name DMR-0219-2017-Eu

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Quality control Report

Lab number: V-65118

Sample name: ST-10/ST-MMER-2 FB

Sampling date: July 03, 2017

Sampling location: ST-10/N65 04.11.9 W95 59.52.7

Sampling hour: 08:45

Parameter	
	Result 3.874
	Accuracy 99.3%
	Limit 3.12 - 4.68
Dissolved Manganese (Mn) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0908
	Accuracy 90.8%
	Limit 0.0800 - 0.1200
Mercury (Hg) mg/L	Blank <0.00001
	Standard name DMR-0266-2017-HgEu
	Result 0.00054
	Accuracy 77.1%
	Limit 0.00042 - 0.00098
Dissolved Mercury (Hg) mg/L	Blank <0.00001
	Standard name DMR-0266-2017-HgEu
	Result 0.00053
	Accuracy 75.7%
	Limit 0.00042 - 0.00098
Molybdenum (Mo) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 0.6107
	Accuracy 86.3%
	Limit 0.566 - 0.850
Dissolved Molybdenum (Mo) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0886
	Accuracy 88.6%
	Limit 0.0800 - 0.1200
Nickel (Ni) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.079
	Accuracy 94.6%
	Limit 0.91 - 1.37
Dissolved Nickel (Ni) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0904
	Accuracy 90.4%
	Limit 0.0800 - 0.1200
Nitrate (NO ₃) mg N/L	Blank <0.01
Nitrite (NO ₂) mg N/L	Blank <0.01

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Quality control Report

Lab number: V-65118

Sample name: ST-10/ST-MMER-2 FB

Sampling date: July 03, 2017

Sampling location: ST-10/N65 04.11.9 W95 59.52.7

Sampling hour: 08:45

Parameter	
	Standard name DMR-0266-2017-NO2-2
	Result 2.81
	Accuracy 96.3%
	Limit 2.30 - 3.12
Ortho-Phosphate (O-PO4) mg P/l	Blank <0.01
	Standard name DMR-0266-2017-OPO4
	Result 0.52
	Accuracy 88.1%
	Limit 0.52 - 0.66
Lead (Pb) mg/L	Blank <0.0003
	Standard name DMR-0219-2017-Eu
	Result 0.8760
	Accuracy 97%
	Limit 0.722 - 1.084
Dissolved Lead (Pb) mg/L	Blank <0.0003
	Standard name C00-046-705_X_1000
	Result 0.0895
	Accuracy 89.5%
	Limit 0.0800 - 0.1200
Potassium (K) mg/L	Blank <0.05
	Standard name DMR-0219-2017-Eu
	Result 16.2
	Accuracy 91%
	Limit 14.2 - 21.4
Radium (Ra 226) Becquerels/L	Blank <0.002
	Standard name STD 54981
	Result 0.0740
	Accuracy 90%
	Limit 0.0699 - 0.0945
Selenium (Se) mg/L	Blank <0.001
	Standard name DMR-0219-2017-Eu
	Result 1.38
	Accuracy 97.8%
	Limit 1.08 - 1.62
Dissolved Selenium (Se) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.100
	Accuracy 100%
	Limit 0.0800 - 0.1200
Sodium (Na) mg/L	Blank <0.05

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Quality control Report

Lab number: V-65118

Sample name: ST-10/ST-MMER-2 FB

Sampling date: July 03, 2017

Sampling location: ST-10/N65 04.11.9 W95 59.52.7

Sampling hour: 08:45

Parameter	
	Standard name DMR-0219-2017-Eu
	Result 31.3
	Accuracy 84.5%
	Limit 21.7 - 32.5
Sulfate (SO4) mg SO4/L	Blank <0.6
	Standard name DMR-0266-2017-SO4
	Result 116
	Accuracy 94.3%
	Limit 114 - 132
Titanium (Ti) mg/L	Blank <0.01
Dissolved titanium (Ti) mg/L	Blank <0.01
Uranium (U) mg/L	Blank <0.001
	Standard name DMR-0219-2017-Eu
	Result 1.61
	Accuracy 91.5%
	Limit 1.41 - 2.11
Dissolved Uranium (U) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.099
	Accuracy 99%
	Limit 0.0800 - 0.1200
Vanadium (V) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.936
	Accuracy 97.3%
	Limit 1.59 - 2.39
Dissolved Vanadium mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0863
	Accuracy 86.3%
	Limit 0.0800 - 0.1200
Zinc (Zn) mg/L	Blank <0.001
	Standard name DMR-0219-2017-Eu
	Result 4.62
	Accuracy 98.7%
	Limit 3.65 - 5.47
Dissolved Zinc mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.100
	Accuracy 100%

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Additional information

Lab number: V-65118

Sample name: ST-10/ST-MMER-2 FB

Sampling date: July 03, 2017

Sampling location: ST-10/N65 04.11.9 W95 59.52.7

Sampling hour: 08:45

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-CL-2.0	MA.300-Ions 1.3
M-CN-1.0	MA.300-CN 1.2
M-HYD-2.0	MA.400-HYD. 1.1
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-P-2.0	MA.303-P 1.1
M-RA-2.0	APHA 7500-Ra B et EPA P.13 (EMSL-CI)
M-SULF-2.0	MA.300-Ions 1.3

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-65289

Sampling location: TPL

Sampling date: July 05, 2017

Sample name: MBK-EFF-1

Sampling hour: 13:45

Sampled by: Tom T

Date received: July 07, 2017

Matrix: Water

Reported on: July 27, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Lab number: V-65289

Sample name: MBK-EFF-1

Sampling date: July 05, 2017

Sampling location: TPL

Sampling hour: 13:45

Parameter	Result	Method name	Analysis date
Alkalinity	14 mg CaCO ₃ /L	M-TIT-1.0	July 07, 2017
Aluminium (Al)	0.008 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Antimony (Sb)	<0.0001 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Antimony (Sb)	<0.0001 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	0.12 mg N/L	Sous-traitance\H2Lab inc. (SAM)	July 10, 2017
Kjeldahl nitrogen	<0.30 mg N/L	Sous-traitance\H2Lab inc. (SAM)	July 14, 2017
Barium (Ba)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Barium (Ba)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
bicarbonate (HCO ₃)	14 mg CaCO ₃ /L	M-TIT-1.0	July 07, 2017
Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Bromides	<0.01 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Calcium (Ca)	1.77 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Carbonate (CO ₃)	<2 mg CaCO ₃ /L	M-TIT-1.0	July 07, 2017
Dissolved Organic Carbon (D.O.C.)	1.5 mg/L	M-COT-1.0	July 07, 2017
Total Organic Carbon (T.O.C.)	2.0 mg/L	M-COT-1.0	July 07, 2017
Chlorophyll A	0.28 µg/L	Sous-traitance\H2Lab inc. (SAM)	July 26, 2017
Chloride	1.1 mg/L	Sous-traitance\Multilab Direct	July 10, 2017
Chrome (Cr)	0.0011 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Chromium (Cr)	0.0006 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Cobalt (Co)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Cobalt (Co)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Conductivity	30 µmhos/cm	M-TIT-1.0	July 07, 2017
Colour	<1 Colour units	Sous-traitance\Multilab Direct	July 07, 2017
Copper (Cu)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Copper (Cu)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Cyanide W.A.D.	<0.001 mg/L	Sous-traitance\Multilab Direct	July 12, 2017
Total Cyanide (CNT)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 12, 2017
Hardness	8 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	July 11, 2017
Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
dissolved Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 11, 2017

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Analytical Report

Lab number: V-65289

Sample name: MBK-EFF-1

Sampling location: TPL

Sampling date: July 05, 2017

Sampling hour: 13:45

Parameter	Result	Method name	Analysis date
Iron (Fe)	0.01 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Iron (Fe)	<0.01 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Fluoride (F)	0.08 mg/L	Sous-traitance\Multilab Direct	July 14, 2017
Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Total Suspended Solids	2 mg/L	M-SOLI-1.0	July 10, 2017
Magnesium (Mg)	0.98 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Manganese (Mn)	0.0036 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Manganese (Mn)	0.0036 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	July 12, 2017
Dissolved Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	July 12, 2017
Molybdenum (Mo)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Molybdenum (Mo)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Ammonia NH3 (non-ionized)	<0.05 mg N/L	Sous-traitance\H2Lab inc. (SAM)	July 10, 2017
Nickel (Ni)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Nickel (Ni)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Nitrate (NO3)	0.04 mg N/L	Sous-traitance\Multilab Direct	July 07, 2017
Nitrite (NO2)	<0.01 mg N/L	Sous-traitance\Multilab Direct	July 07, 2017
Ortho-Phosphate (O-PO4)	<0.01 mg P/L	Sous-traitance\Multilab Direct	July 07, 2017
Dissolved oxygen	9.6 mg/L	Sous-traitance\Multilab Direct	July 07, 2017
pH	6.86	M-TIT-1.0	July 07, 2017
Dissolved Phosphorus (P)	<0.04 mg P/L	Sous-traitance\H2Lab inc. (SAM)	July 10, 2017
Total Phosphorus (P)	<0.04 mg P/L	Sous-traitance\H2Lab inc. (SAM)	July 10, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	July 14, 2017
Dissolved Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	July 14, 2017
Potassium (K)	0.48 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Reactive silica (SiO2)	0.17 mg/L	Sous-traitance\Maxxam	July 11, 2017
Sodium (Na)	1.45 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Solids	20 mg/L	M-TIT-1.0	July 07, 2017
Strontium (Sr)	0.010 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
dissolved Strontium (Sr)	0.008 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Sulfate (SO4)	6.0 mg SO4/L	Sous-traitance\Multilab Direct	July 07, 2017
Tellurium (Te)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Thiocyanate (SCN)	<0.05 mg SCN/L	Sous-traitance\Multilab Direct	July 14, 2017
Thiosulfates (S2O3)	<0.02 mg S2O3/L	Sous-traitance\Multilab Direct	July 18, 2017
Titanium (Ti)	<0.01 mg/L	Sous-traitance\Multilab Direct	July 11, 2017

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Analytical Report

Lab number: V-65289

Sample name: MBK-EFF-1

Sampling date: July 05, 2017

Sampling location: TPL

Sampling hour: 13:45

Parameter	Result	Method name	Analysis date
Dissolved titanium (Ti)	<0.01 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Turbidity	0.83 NTU	Sous-traitance\Multilab Direct	July 07, 2017
Uranium (U)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Uranium (U)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Vanadium (V)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Vanadium	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Zinc (Zn)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Zinc	<0.001 mg/L	Sous-traitance\Multilab Direct	July 11, 2017

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Detection limit

Lab number: V-65289

Sample name: MBK-EFF-1

Sampling date: July 05, 2017

Sampling location: TPL

Sampling hour: 13:45

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO ₃ /L	M-TIT-1.0	
Aluminium (Al)	0.006	mg/L	Sous-traitance	
Dissolved Aluminium (Al)	0.006	mg/L	Sous-traitance	
Antimony (Sb)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Antimony (Sb)	0.0001	mg/L	Sous-traitance	
Silver (Ag)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Silver (Ag)	0.0001	mg/L	Sous-traitance	
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Arsenic (As)	0.0005	mg/L	Sous-traitance	
Kjeldahl nitrogen	0.07	mg N/L	Sous-traitance	
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Barium (Ba)	0.0005	mg/L	Sous-traitance	
Beryllium (Be)	0.0005	mg/L	Sous-traitance	
Dissolved Beryllium (Be)	0.0005	mg/L	Sous-traitance	
bicarbonate (HCO ₃)	2	mg CaCO ₃ /L	M-TIT-1.0	
Boron (B)	0.01	mg/L	Sous-traitance	Yes
Dissolved Boron (B)	0.01	mg/L	Sous-traitance	
Bromides	0.01	mg/L	Sous-traitance	
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Dissolved Cadmium (Cd)	0.00002	mg/L	Sous-traitance	
Calcium (Ca)	0.03	mg/L	Sous-traitance	Yes
Carbonate (CO ₃)	2	mg CaCO ₃ /L	M-TIT-1.0	
Dissolved Organic Carbon (D.O.C.)	0.2	mg/L	M-COT-1.0	--
Total Organic Carbon (T.O.C.)	0.2	mg/L	M-COT-1.0	Yes
Chlorophyll A	0.13	µg/L	Sous-traitance	
Chloride	0.5	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Dissolved Chromium (Cr)	0.0006	mg/L	Sous-traitance	
Cobalt (Co)	0.0005	mg/L	Sous-traitance	
Dissolved Cobalt (Co)	0.0005	mg/L	Sous-traitance	
Conductivity	1	µmhos/cm	M-TIT-1.0	Yes
Colour	1	UCV	Sous-traitance	Yes
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Copper (Cu)	0.0005	mg/L	Sous-traitance	
Cyanide W.A.D.	0.001	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO ₃ /L	Sous-traitance	
Tin (Sn)	0.001	mg/L	Sous-traitance	Yes
dissolved Tin (Sn)	0.001	mg/L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes

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Detection limit

Lab number: V-65289

Sample name: MBK-EFF-1

Sampling date: July 05, 2017

Sampling location: TPL

Sampling hour: 13:45

Parameter	Value	Unit	Method	Accreditation
Dissolved Iron (Fe)	0.01	mg/L	Sous-traitance	
Fluoride (F)	0.02	mg/L	Sous-traitance	Yes
Lithium (Li)	0.005	mg/L	Sous-traitance	
Dissolved Lithium (Li)	0.005	mg/L	Sous-traitance	
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Magnesium (Mg)	0.02	mg/L	Sous-traitance	Yes
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Manganese (Mn)	0.0005	mg/L	Sous-traitance	
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Dissolved Mercury (Hg)	0.00001	mg/L	Sous-traitance	
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Nickel (Ni)	0.0005	mg/L	Sous-traitance	
Nitrate (NO ₃)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO ₂)	0.01	mg N/L	Sous-traitance	Yes
Ortho-Phosphate (O-PO ₄)	0.01	mg P/L	Sous-traitance	Yes
Dissolved oxygen	0.1	mg/L	Sous-traitance	
pH			M-TIT-1.0	Yes
Total Phosphorus (P)	0.001	mg P/L	Sous-traitance	
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Dissolved Lead (Pb)	0.0003	mg/L	Sous-traitance	
Potassium (K)	0.05	mg/L	Sous-traitance	
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Dissolved Selenium (Se)	0.001	mg/L	Sous-traitance	
Reactive silica (SiO ₂)		mg/L	Sous-traitance	
Sodium (Na)	0.05	mg/L	Sous-traitance	Yes
Dissolved Solids	1	mg/L	M-TIT-1.0	
Strontium (Sr)	0.005	mg/L	Sous-traitance	
dissolved Strontium (Sr)	0.005	mg/L	Sous-traitance	
Sulfate (SO ₄)	0.6	mg SO ₄ /L	Sous-traitance	Yes
Tellurium (Te)	0.0005	mg/L	Sous-traitance	
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Dissolved thallium (Tl)	0.0008	mg/L	Sous-traitance	
Thiocyanate (SCN)	0.05	mg SCN/L	Sous-traitance	Yes
Thiosulfates (S ₂ O ₃)	0.02	mg S ₂ O ₃ /L	Sous-traitance	Yes
Titanium (Ti)	0.01	mg/L	Sous-traitance	
Dissolved titanium (Ti)	0.01	mg/L	Sous-traitance	
Turbidity	0.02	UTN	Sous-traitance	Yes
Uranium (U)	0.001	mg/L	Sous-traitance	

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Detection limit

Lab number: V-65289

Sample name: MBK-EFF-1

Sampling date: July 05, 2017

Sampling location: TPL

Sampling hour: 13:45

Parameter	Value	Unit	Method	Accreditation
Dissolved Uranium (U)	0.001	mg/L	Sous-traitance	
Vanadium (V)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Vanadium	0.0005	mg/L	Sous-traitance	
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes
Dissolved Zinc	0.001	mg/L	Sous-traitance	

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Quality control Report

Lab number: V-65289

Sample name: MBK-EFF-1

Sampling location: TPL

Sampling date: July 05, 2017

Sampling hour: 13:45

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 144 Accuracy 99.3% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006
	Standard name C00-046-705_X_1000 Result 0.972 Accuracy 97.2% Limit 0.800 - 1.200
Dissolved Aluminium (Al) mg/L	Blank <0.006
	Standard name C00-046-705_X_1000 Result 1.03 Accuracy 97% Limit 0.800 - 1.200
Antimony (Sb) mg/L	Blank <0.0001
	Standard name C00-046-705_X_1000 Result 0.0108 Accuracy 92% Limit 0.0080 - 0.0120
Dissolved Antimony (Sb) mg/L	Blank <0.0001
	Standard name C00-046-705_X_1000 Result 0.0109 Accuracy 91% Limit 0.0080 - 0.0120
Silver (Ag) mg/L	Blank <0.0001
	Standard name DMR-0013-2017-Ag Result 0.0434 Accuracy 97.6% Limit 0.0339 - 0.0509
Dissolved Silver (Ag) mg/L	Blank <0.0001
	Standard name DMR-0013-2017-Ag Result 0.0420 Accuracy 99.1% Limit 0.0339 - 0.0509
Arsenic (As) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000 Result 0.0953 Accuracy 95.3% Limit 0.0700 - 0.1300
Dissolved Arsenic (As) mg/L	Blank <0.0005

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Quality control Report

Lab number: V-65289

Sample name: MBK-EFF-1

Sampling location: TPL

Sampling date: July 05, 2017

Sampling hour: 13:45

Parameter	
	Standard name C00-046-705_X_1000
	Result 0.0973
	Accuracy 97.3%
	Limit 0.0800 - 0.1200
Barium (Ba) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0902
	Accuracy 90.2%
	Limit 0.0800 - 0.1200
Dissolved Barium (Ba) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0937
	Accuracy 93.7%
	Limit 0.0800 - 0.1200
Beryllium (Be) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0957
	Accuracy 95.7%
	Limit 0.0800 - 0.1200
Dissolved Beryllium (Be) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1026
	Accuracy 97.4%
	Limit 0.0800 - 0.1200
Boron (B) mg/L	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.01
	Accuracy 99%
	Limit 0.800 - 1.200
Dissolved Boron (B) mg/L	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.09
	Accuracy 91%
	Limit 0.800 - 1.200
Bromides mg/L	Blank <0.01
	Standard name DMR-0119-2017-Br
	Result 4.69
	Accuracy 83.3%
	Limit 4.50 - 6.76
Cadmium (Cd) mg/L	Blank <0.00002

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Quality control Report

Lab number: V-65289

Sample name: MBK-EFF-1

Sampling location: TPL

Sampling date: July 05, 2017

Sampling hour: 13:45

Parameter	
	Standard name C00-046-705_X_1000
	Result 0.09853
	Accuracy 98.5%
	Limit 0.0800 - 0.1200
Dissolved Cadmium (Cd) mg/L	Blank <0.00002
	Standard name C00-046-705_X_1000
	Result 0.10155
	Accuracy 98.4%
	Limit 0.0800 - 0.1200
Calcium (Ca) mg/L	Blank <0.03
	Standard name C00-046-705_X_1000
	Result 0.97
	Accuracy 97%
	Limit 0.800 - 1.200
Dissolved Organic Carbon (D.O.C.) mg/L	Blank <0.2
	Standard name COD 10mg/L
	Result 10
	Accuracy 100%
	Limit 8 - 12
Total Organic Carbon (T.O.C.) mg/L	Blank <0.2
	Standard name COT 10mg/L
	Result 10
	Accuracy 100%
	Limit 8 - 12
Chloride mg/L	Blank <0.5
	Standard name DMR-0266-2017-CI
	Result 112
	Accuracy 96.3%
	Limit 95 - 121
Chrome (Cr) mg/L	Blank <0.0006
	Standard name C00-046-705_X_1000
	Result 0.1066
	Accuracy 93.4%
	Limit 0.0800 - 0.1200
Dissolved Chromium (Cr) mg/L	Blank <0.0006
	Standard name C00-046-705_X_1000
	Result 0.1117
	Accuracy 88.3%
	Limit 0.0800 - 0.1200
Cobalt (Co) mg/L	Blank <0.0005

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Quality control Report

Lab number: V-65289

Sample name: MBK-EFF-1

Sampling location: TPL

Sampling date: July 05, 2017

Sampling hour: 13:45

Parameter	
	Standard name C00-046-705_X_1000
	Result 0.1052
	Accuracy 94.8%
	Limit 0.0800 - 0.1200
Dissolved Cobalt (Co) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1102
	Accuracy 89.8%
	Limit 0.0800 - 0.1200
Conductivity µmhos/cm	Standard name STD cond maison
	Result 1408
	Accuracy 99.5%
	Limit 1203 - 1627
Colour UCV	Blank <1
	Standard name DMR-0266-2017-Coul
	Result 21
	Accuracy 90.1%
	Limit 14.8 - 23.4
Copper (Cu) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1067
	Accuracy 93.3%
	Limit 0.0800 - 0.1200
Dissolved Copper (Cu) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1107
	Accuracy 89.3%
	Limit 0.0800 - 0.1200
Cyanide W.A.D. mg/L	Blank <0.001
	Standard name DMR-0266-CNT
	Result 0.120
	Accuracy 96.8%
	Limit 0.105 - 0.143
Total Cyanide (CNT) mg/L	Blank <0.001
	Standard name DMR-0266-CNT
	Result 0.243
	Accuracy 99.2%
	Limit 0.205 - 0.277
Tin (Sn) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000

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Quality control Report

Lab number: V-65289

Sample name: MBK-EFF-1

Sampling location: TPL

Sampling date: July 05, 2017

Sampling hour: 13:45

Parameter	
dissolved Tin (Sn) mg/L	Result 0.102
	Accuracy 98%
	Limit 0.0800 - 0.1200
	Blank <0.001
	Standard name DMR-0310-2016-Sn
Iron (Fe) mg/L	Result 10.16
	Accuracy 88%
	Limit 6.35 - 11.79
	Blank <0.01
	Standard name C00-046-705_X_1000
Dissolved Iron (Fe) mg/L	Result 1.14
	Accuracy 86%
	Limit 0.800 - 1.200
	Blank <0.01
	Standard name C00-046-705_X_1000
Fluoride (F) mg/L	Result 1.16
	Accuracy 84%
	Limit 0.800 - 1.200
	Blank <0.02
	Standard name DMR-0266-2017-F
Lithium (Li) mg/L	Result 2.42
	Accuracy 94.8%
	Limit 2.13 - 2.47
	Sample duplicate 0.08-0.08
	Blank <0.005
Dissolved Lithium (Li) mg/L	Standard name DMR-0219-2017-Eu
	Result 0.796
	Accuracy 94.1%
	Limit 0.677 - 1.015
	Blank <0.005
Total Suspended Solids mg/L	Standard name DMR-0219-2017-Eu
	Result 0.784
	Accuracy 92.7%
	Limit 0.677 - 1.015
	Blank <1
Magnesium (Mg) mg/L	Standard name STD-MES 25mg/L
	Result 26
	Accuracy 96%
	Limit 19 - 31
	Blank <0.02

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Quality control Report

Lab number: V-65289

Sample name: MBK-EFF-1

Sampling location: TPL

Sampling date: July 05, 2017

Sampling hour: 13:45

Parameter	
	Standard name C00-046-705_X_1000
	Result 1.08
	Accuracy 92%
	Limit 0.800 - 1.200
Manganese (Mn) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1072
	Accuracy 92.8%
	Limit 0.0800 - 0.1200
Dissolved Manganese (Mn) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1129
	Accuracy 87.1%
	Limit 0.0800 - 0.1200
Mercury (Hg) mg/L	Blank <0.00001
	Standard name DMR-0266-2017-HgEu
	Result 0.00064
	Accuracy 91.4%
	Limit 0.00042 - 0.00098
Dissolved Mercury (Hg) mg/L	Blank <0.00001
	Standard name DMR-0266-2017-HgEu
	Result 0.00059
	Accuracy 84.3%
	Limit 0.00042 - 0.00098
Molybdenum (Mo) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1029
	Accuracy 97.1%
	Limit 0.0800 - 0.1200
Dissolved Molybdenum (Mo) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1046
	Accuracy 95.4%
	Limit 0.0800 - 0.1200
Nickel (Ni) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0989
	Accuracy 98.9%
	Limit 0.0800 - 0.1200
Dissolved Nickel (Ni) mg/L	Blank <0.0005

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Quality control Report

Lab number: V-65289

Sample name: MBK-EFF-1

Sampling date: July 05, 2017

Sampling location: TPL

Sampling hour: 13:45

Parameter	
	Standard name C00-046-705_X_1000
	Result 0.1041
	Accuracy 95.9%
	Limit 0.0800 - 0.1200
Nitrate (NO3) mg N/L	Blank <0.01
Nitrite (NO2) mg N/L	Blank <0.01
	Standard name DMR-0266-2017-NO2-2
	Result 2.70
	Accuracy 99.6%
	Limit 2.30 - 3.12
Ortho-Phosphate (O-PO4) mg P/L	Blank <0.01
	Standard name DMR-0266-2017-OPO4
	Result 0.52
	Accuracy 88.1%
	Limit 0.52 - 0.66
pH	Standard name STD pH 7.0
	Result 6.98
	Accuracy 99.7%
	Limit 6.96 - 7.04
Lead (Pb) mg/L	Blank <0.0003
	Standard name DMR-0219-2017-Eu
	Result 0.7400
	Accuracy 81.9%
	Limit 0.722 - 1.084
Dissolved Lead (Pb) mg/L	Blank <0.0003
	Standard name DMR-0219-2017-Eu
	Result 0.7400
	Accuracy 81.9%
	Limit 0.722 - 1.084
Potassium (K) mg/L	Blank <0.05
	Standard name C00-046-705_X_1000
	Result 1.06
	Accuracy 94%
	Limit 0.800 - 1.200
Selenium (Se) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.095
	Accuracy 95%
	Limit 0.0800 - 0.1200
Dissolved Selenium (Se) mg/L	Blank <0.001

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Quality control Report

Lab number: V-65289

Sample name: MBK-EFF-1

Sampling date: July 05, 2017

Sampling location: TPL

Sampling hour: 13:45

Parameter	
	Standard name C00-046-705_X_1000
	Result 0.097
	Accuracy 97%
	Limit 0.0800 - 0.1200
Sodium (Na) mg/L	Blank <0.05
	Standard name C00-046-705_X_1000
	Result 1.16
	Accuracy 84%
	Limit 0.800 - 1.200
Strontium (Sr) mg/L	Blank <0.005
	Standard name DMR-0219-2017-Eu
	Result 1.25
	Accuracy 98.4%
	Limit 0.98 - 1.48
dissolved Strontium (Sr) mg/L	Blank <0.005
	Standard name DMR-0219-2017-Eu
	Result 1.25
	Accuracy 98.4%
	Limit 0.98 - 1.48
Sulfate (SO4) mg SO4/L	Blank <0.6
	Standard name DMR-0266-2017-SO4
	Result 116
	Accuracy 94.3%
	Limit 114 - 132
Tellurium (Te) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0990
	Accuracy 99%
	Limit 0.0800 - 0.1200
Thallium (Tl) mg/L	Blank <0.0008
	Standard name TI-S140909023-1000ppm
	Result 914
	Accuracy 91.4%
	Limit 800 - 1200
Dissolved thallium (Tl) mg/L	Blank <0.0008
	Standard name TI-S140909023-1000ppm
	Result 910
	Accuracy 91%
	Limit 800 - 1200
Thiocyanate (SCN) mg SCN/L	Blank <0.05

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Quality control Report

Lab number: V-65289

Sample name: MBK-EFF-1

Sampling location: TPL

Sampling date: July 05, 2017

Sampling hour: 13:45

Parameter	
	Standard name STD SCN 568ppm
	Result 577
	Accuracy 98.4%
	Limit 398 - 738
Titanium (Ti) mg/L	Blank <0.01
Dissolved titanium (Ti) mg/L	Blank <0.01
Turbidity UTN	Standard name DMR-0266-2017-Turb
	Result 5.16
	Accuracy 99.4%
	Limit 4.41 - 5.97
Uranium (U) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.108
	Accuracy 92%
	Limit 0.0800 - 0.1200
Dissolved Uranium (U) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.109
	Accuracy 91%
	Limit 0.0800 - 0.1200
Vanadium (V) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1055
	Accuracy 94.5%
	Limit 0.0800 - 0.1200
Dissolved Vanadium mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1123
	Accuracy 87.7%
	Limit 0.0800 - 0.1200
Zinc (Zn) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.101
	Accuracy 99%
	Limit 0.0800 - 0.1200
Dissolved Zinc mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.100
	Accuracy 100%
	Limit 0.0800 - 0.1200

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Additional information

Lab number: V-65289

Sample name: MBK-EFF-1

Sampling location: TPL

Sampling date: July 05, 2017

Sampling hour: 13:45

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-CL-2.0	MA.300-Ions 1.3
M-COUL-1.0	MA.103-Col. 2.0
M-CN-1.0	MA.300-CN 1.2
M-CI-1.0	MA.300-Anions 1.0
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-P-2.0	MA.303-P 1.1
M-SULF-2.0	MA.300-Ions 1.3
M-TURB-1.0	MA.103-Tur. 1.0

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-65290

Sampling location: South Camp

Sampling date: July 05, 2017

Sample name: MBK-EFF-2

Sampling hour: 14:35

Sampled by: Tom T

Date received: July 07, 2017

Matrix: Water

Reported on: July 27, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Lab number: V-65290

Sample name: MBK-EFF-2

Sampling date: July 05, 2017

Sampling location: South Camp

Sampling hour: 14:35

Parameter	Result	Method name	Analysis date
Alkalinity	31 mg CaCO ₃ /L	M-TIT-1.0	July 07, 2017
Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Antimony (Sb)	<0.0001 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Antimony (Sb)	<0.0001 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	0.06 mg N/L	Sous-traitance\H2Lab inc. (SAM)	July 10, 2017
Kjeldahl nitrogen	0.32 mg N/L	Sous-traitance\H2Lab inc. (SAM)	July 14, 2017
Barium (Ba)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Barium (Ba)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
bicarbonate (HCO ₃)	31 mg CaCO ₃ /L	M-TIT-1.0	July 07, 2017
Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Bromides	0.02 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Calcium (Ca)	8.96 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Carbonate (CO ₃)	<2 mg CaCO ₃ /L	M-TIT-1.0	July 07, 2017
Dissolved Organic Carbon (D.O.C.)	2.9 mg/L	M-COT-1.0	July 07, 2017
Total Organic Carbon (T.O.C.)	3.1 mg/L	M-COT-1.0	July 07, 2017
Chlorophyll A	0.83 µg/L	Sous-traitance\H2Lab inc. (SAM)	July 26, 2017
Chloride	4.1 mg/L	Sous-traitance\Multilab Direct	July 10, 2017
Chrome (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Chromium (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Cobalt (Co)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Cobalt (Co)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Conductivity	91 µmhos/cm	M-TIT-1.0	July 07, 2017
Colour	1 Colour units	Sous-traitance\Multilab Direct	July 07, 2017
Copper (Cu)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Copper (Cu)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Cyanide W.A.D.	<0.001 mg/L	Sous-traitance\Multilab Direct	July 12, 2017
Total Cyanide (CNT)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 12, 2017
Hardness	33 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	July 11, 2017
Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
dissolved Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 11, 2017

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Analytical Report

Lab number: V-65290

Sample name: MBK-EFF-2

Sampling location: South Camp

Sampling date: July 05, 2017

Sampling hour: 14:35

Parameter	Result	Method name	Analysis date
Iron (Fe)	0.05 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Iron (Fe)	0.01 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Fluoride (F)	0.12 mg/L	Sous-traitance\Multilab Direct	July 14, 2017
Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Total Suspended Solids	2 mg/L	M-SOLI-1.0	July 10, 2017
Magnesium (Mg)	2.71 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Manganese (Mn)	0.0101 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Manganese (Mn)	0.0025 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	July 12, 2017
Dissolved Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	July 12, 2017
Molybdenum (Mo)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Molybdenum (Mo)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Ammonia NH3 (non-ionized)	<0.05 mg N/L	Sous-traitance\H2Lab inc. (SAM)	July 10, 2017
Nickel (Ni)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Nickel (Ni)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Nitrate (NO3)	0.05 mg N/L	Sous-traitance\Multilab Direct	July 07, 2017
Nitrite (NO2)	<0.01 mg N/L	Sous-traitance\Multilab Direct	July 07, 2017
Ortho-Phosphate (O-PO4)	<0.01 mg P/L	Sous-traitance\Multilab Direct	July 07, 2017
Dissolved oxygen	8.9 mg/L	Sous-traitance\Multilab Direct	July 07, 2017
pH	7.69	M-TIT-1.0	July 07, 2017
Dissolved Phosphorus (P)	0.05 mg P/L	Sous-traitance\H2Lab inc. (SAM)	July 10, 2017
Total Phosphorus (P)	<0.04 mg P/L	Sous-traitance\H2Lab inc. (SAM)	July 10, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Potassium (K)	1.12 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Reactive silica (SiO2)	0.47 mg/L	Sous-traitance\Maxxam	July 11, 2017
Sodium (Na)	2.44 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Solids	60 mg/L	M-TIT-1.0	July 07, 2017
Strontium (Sr)	0.043 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
dissolved Strontium (Sr)	0.037 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Sulfate (SO4)	12.1 mg SO4/L	Sous-traitance\Multilab Direct	July 07, 2017
Tellurium (Te)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Thiocyanate (SCN)	0.05 mg SCN/L	Sous-traitance\Multilab Direct	July 14, 2017
Thiosulfates (S2O3)	<0.02 mg S2O3/L	Sous-traitance\Multilab Direct	July 18, 2017
Titanium (Ti)	<0.01 mg/L	Sous-traitance\Multilab Direct	July 11, 2017

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Analytical Report

Lab number: V-65290

Sample name: MBK-EFF-2

Sampling date: July 05, 2017

Sampling location: South Camp

Sampling hour: 14:35

Parameter	Result	Method name	Analysis date
Dissolved titanium (Ti)	<0.01 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Turbidity	1.55 NTU	Sous-traitance\Multilab Direct	July 07, 2017
Uranium (U)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Uranium (U)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Vanadium (V)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Vanadium	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Zinc (Zn)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Zinc	<0.001 mg/L	Sous-traitance\Multilab Direct	July 11, 2017

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Detection limit

Lab number: V-65290

Sample name: MBK-EFF-2

Sampling date: July 05, 2017

Sampling location: South Camp

Sampling hour: 14:35

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO ₃ /L	M-TIT-1.0	
Aluminium (Al)	0.006	mg/L	Sous-traitance	
Dissolved Aluminium (Al)	0.006	mg/L	Sous-traitance	
Antimony (Sb)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Antimony (Sb)	0.0001	mg/L	Sous-traitance	
Silver (Ag)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Silver (Ag)	0.0001	mg/L	Sous-traitance	
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Arsenic (As)	0.0005	mg/L	Sous-traitance	
Kjeldahl nitrogen	0.07	mg N/L	Sous-traitance	
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Barium (Ba)	0.0005	mg/L	Sous-traitance	
Beryllium (Be)	0.0005	mg/L	Sous-traitance	
Dissolved Beryllium (Be)	0.0005	mg/L	Sous-traitance	
bicarbonate (HCO ₃)	2	mg CaCO ₃ /L	M-TIT-1.0	
Boron (B)	0.01	mg/L	Sous-traitance	Yes
Dissolved Boron (B)	0.01	mg/L	Sous-traitance	
Bromides	0.01	mg/L	Sous-traitance	
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Dissolved Cadmium (Cd)	0.00002	mg/L	Sous-traitance	
Calcium (Ca)	0.03	mg/L	Sous-traitance	Yes
Carbonate (CO ₃)	2	mg CaCO ₃ /L	M-TIT-1.0	
Dissolved Organic Carbon (D.O.C.)	0.2	mg/L	M-COT-1.0	--
Total Organic Carbon (T.O.C.)	0.2	mg/L	M-COT-1.0	Yes
Chlorophyll A	0.13	µg/L	Sous-traitance	
Chloride	0.5	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Dissolved Chromium (Cr)	0.0006	mg/L	Sous-traitance	
Cobalt (Co)	0.0005	mg/L	Sous-traitance	
Dissolved Cobalt (Co)	0.0005	mg/L	Sous-traitance	
Conductivity	1	µmhos/cm	M-TIT-1.0	Yes
Colour	1	UCV	Sous-traitance	Yes
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Copper (Cu)	0.0005	mg/L	Sous-traitance	
Cyanide W.A.D.	0.001	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO ₃ /L	Sous-traitance	
Tin (Sn)	0.001	mg/L	Sous-traitance	Yes
dissolved Tin (Sn)	0.001	mg/L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes

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Detection limit

Lab number: V-65290

Sample name: MBK-EFF-2

Sampling date: July 05, 2017

Sampling location: South Camp

Sampling hour: 14:35

Parameter	Value	Unit	Method	Accreditation
Dissolved Iron (Fe)	0.01	mg/L	Sous-traitance	
Fluoride (F)	0.02	mg/L	Sous-traitance	Yes
Lithium (Li)	0.005	mg/L	Sous-traitance	
Dissolved Lithium (Li)	0.005	mg/L	Sous-traitance	
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Magnesium (Mg)	0.02	mg/L	Sous-traitance	Yes
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Manganese (Mn)	0.0005	mg/L	Sous-traitance	
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Dissolved Mercury (Hg)	0.00001	mg/L	Sous-traitance	
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Nickel (Ni)	0.0005	mg/L	Sous-traitance	
Nitrate (NO ₃)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO ₂)	0.01	mg N/L	Sous-traitance	Yes
Ortho-Phosphate (O-PO ₄)	0.01	mg P/L	Sous-traitance	Yes
Dissolved oxygen	0.1	mg/L	Sous-traitance	
pH			M-TIT-1.0	Yes
Total Phosphorus (P)	0.001	mg P/L	Sous-traitance	
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Dissolved Lead (Pb)	0.0003	mg/L	Sous-traitance	
Potassium (K)	0.05	mg/L	Sous-traitance	
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Dissolved Selenium (Se)	0.001	mg/L	Sous-traitance	
Reactive silica (SiO ₂)		mg/L	Sous-traitance	
Sodium (Na)	0.05	mg/L	Sous-traitance	Yes
Dissolved Solids	1	mg/L	M-TIT-1.0	
Strontium (Sr)	0.005	mg/L	Sous-traitance	
dissolved Strontium (Sr)	0.005	mg/L	Sous-traitance	
Sulfate (SO ₄)	0.6	mg SO ₄ /L	Sous-traitance	Yes
Tellurium (Te)	0.0005	mg/L	Sous-traitance	
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Dissolved thallium (Tl)	0.0008	mg/L	Sous-traitance	
Thiocyanate (SCN)	0.05	mg SCN/L	Sous-traitance	Yes
Thiosulfates (S ₂ O ₃)	0.02	mg S ₂ O ₃ /L	Sous-traitance	Yes
Titanium (Ti)	0.01	mg/L	Sous-traitance	
Dissolved titanium (Ti)	0.01	mg/L	Sous-traitance	
Turbidity	0.02	UTN	Sous-traitance	Yes
Uranium (U)	0.001	mg/L	Sous-traitance	

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Detection limit

Lab number: V-65290

Sample name: MBK-EFF-2

Sampling date: July 05, 2017

Sampling location: South Camp

Sampling hour: 14:35

Parameter	Value	Unit	Method	Accreditation
Dissolved Uranium (U)	0.001	mg/L	Sous-traitance	
Vanadium (V)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Vanadium	0.0005	mg/L	Sous-traitance	
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes
Dissolved Zinc	0.001	mg/L	Sous-traitance	

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Quality control Report

Lab number: V-65290

Sample name: MBK-EFF-2

Sampling location: South Camp

Sampling date: July 05, 2017

Sampling hour: 14:35

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 144 Accuracy 99.3% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006
	Standard name C00-046-705_X_1000 Result 0.972 Accuracy 97.2% Limit 0.800 - 1.200
Dissolved Aluminium (Al) mg/L	Blank <0.006
	Standard name C00-046-705_X_1000 Result 1.03 Accuracy 97% Limit 0.800 - 1.200
Antimony (Sb) mg/L	Blank <0.0001
	Standard name C00-046-705_X_1000 Result 0.0108 Accuracy 92% Limit 0.0080 - 0.0120
Dissolved Antimony (Sb) mg/L	Blank <0.0001
	Standard name C00-046-705_X_1000 Result 0.0109 Accuracy 91% Limit 0.0080 - 0.0120
Silver (Ag) mg/L	Blank <0.0001
	Standard name DMR-0013-2017-Ag Result 0.0434 Accuracy 97.6% Limit 0.0339 - 0.0509
Dissolved Silver (Ag) mg/L	Blank <0.0001
	Standard name DMR-0013-2017-Ag Result 0.0420 Accuracy 99.1% Limit 0.0339 - 0.0509
Arsenic (As) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000 Result 0.0953 Accuracy 95.3% Limit 0.0700 - 0.1300
Dissolved Arsenic (As) mg/L	Blank <0.0005

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Quality control Report

Lab number: V-65290

Sample name: MBK-EFF-2

Sampling location: South Camp

Sampling date: July 05, 2017

Sampling hour: 14:35

Parameter	
	Standard name C00-046-705_X_1000
	Result 0.0973
	Accuracy 97.3%
	Limit 0.0800 - 0.1200
Barium (Ba) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0902
	Accuracy 90.2%
	Limit 0.0800 - 0.1200
Dissolved Barium (Ba) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0937
	Accuracy 93.7%
	Limit 0.0800 - 0.1200
Beryllium (Be) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0957
	Accuracy 95.7%
	Limit 0.0800 - 0.1200
Dissolved Beryllium (Be) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1026
	Accuracy 97.4%
	Limit 0.0800 - 0.1200
Boron (B) mg/L	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.01
	Accuracy 99%
	Limit 0.800 - 1.200
Dissolved Boron (B) mg/L	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.09
	Accuracy 91%
	Limit 0.800 - 1.200
Bromides mg/L	Blank <0.01
	Standard name DMR-0119-2017-Br
	Result 4.69
	Accuracy 83.3%
	Limit 4.50 - 6.76
Cadmium (Cd) mg/L	Blank <0.00002

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Quality control Report

Lab number: V-65290

Sample name: MBK-EFF-2

Sampling location: South Camp

Sampling date: July 05, 2017

Sampling hour: 14:35

Parameter	
	Standard name C00-046-705_X_1000
	Result 0.09853
	Accuracy 98.5%
	Limit 0.0800 - 0.1200
Dissolved Cadmium (Cd) mg/L	Blank <0.00002
	Standard name C00-046-705_X_1000
	Result 0.10155
	Accuracy 98.4%
	Limit 0.0800 - 0.1200
Calcium (Ca) mg/L	Blank <0.03
	Standard name C00-046-705_X_1000
	Result 0.97
	Accuracy 97%
	Limit 0.800 - 1.200
Dissolved Organic Carbon (D.O.C.) mg/L	Blank <0.2
	Standard name COD 10mg/L
	Result 10
	Accuracy 100%
	Limit 8 - 12
Total Organic Carbon (T.O.C.) mg/L	Blank <0.2
	Standard name COT 10mg/L
	Result 10
	Accuracy 100%
	Limit 8 - 12
Chloride mg/L	Blank <0.5
	Standard name DMR-0266-2017-Cl
	Result 112
	Accuracy 96.3%
	Limit 95 - 121
Chrome (Cr) mg/L	Blank <0.0006
	Standard name C00-046-705_X_1000
	Result 0.1066
	Accuracy 93.4%
	Limit 0.0800 - 0.1200
Dissolved Chromium (Cr) mg/L	Blank <0.0006
	Standard name C00-046-705_X_1000
	Result 0.1117
	Accuracy 88.3%
	Limit 0.0800 - 0.1200
Cobalt (Co) mg/L	Blank <0.0005

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Quality control Report

Lab number: V-65290

Sample name: MBK-EFF-2

Sampling location: South Camp

Sampling date: July 05, 2017

Sampling hour: 14:35

Parameter	
	Standard name C00-046-705_X_1000
	Result 0.1052
	Accuracy 94.8%
	Limit 0.0800 - 0.1200
Dissolved Cobalt (Co) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1102
	Accuracy 89.8%
	Limit 0.0800 - 0.1200
Conductivity µmhos/cm	Standard name STD cond maison
	Result 1408
	Accuracy 99.5%
	Limit 1203 - 1627
Colour UCV	Blank <1
	Standard name DMR-0266-2017-Coul
	Result 21
	Accuracy 90.1%
	Limit 14.8 - 23.4
Copper (Cu) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1067
	Accuracy 93.3%
	Limit 0.0800 - 0.1200
Dissolved Copper (Cu) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1107
	Accuracy 89.3%
	Limit 0.0800 - 0.1200
Cyanide W.A.D. mg/L	Blank <0.001
	Standard name DMR-0266-CNT
	Result 0.120
	Accuracy 96.8%
	Limit 0.105 - 0.143
Total Cyanide (CNT) mg/L	Blank <0.001
	Standard name DMR-0266-CNT
	Result 0.243
	Accuracy 99.2%
	Limit 0.205 - 0.277
Tin (Sn) mg/L	Blank <0.001
	Standard name DMR-0310-2016-Sn

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Quality control Report

Lab number: V-65290

Sample name: MBK-EFF-2

Sampling location: South Camp

Sampling date: July 05, 2017

Sampling hour: 14:35

Parameter	
dissolved Tin (Sn) mg/L	Result 10.06
	Accuracy 89.1%
	Limit 7.26 - 10.88
	Blank <0.001
	Standard name DMR-0310-2016-Sn
Iron (Fe) mg/L	Result 10.16
	Accuracy 88%
	Limit 6.35 - 11.79
	Blank <0.01
	Standard name C00-046-705_X_1000
Dissolved Iron (Fe) mg/L	Result 1.14
	Accuracy 86%
	Limit 0.800 - 1.200
	Blank <0.01
	Standard name C00-046-705_X_1000
Fluoride (F) mg/L	Result 1.16
	Accuracy 84%
	Limit 0.800 - 1.200
	Blank <0.02
	Standard name DMR-0266-2017-F
Lithium (Li) mg/L	Result 2.42
	Accuracy 94.8%
	Limit 2.13 - 2.47
	Blank <0.005
	Standard name DMR-0219-2017-Eu
Dissolved Lithium (Li) mg/L	Result 0.796
	Accuracy 94.1%
	Limit 0.677 - 1.015
	Blank <0.005
	Standard name DMR-0219-2017-Eu
Total Suspended Solids mg/L	Result 0.784
	Accuracy 92.7%
	Limit 0.677 - 1.015
	Blank <1
	Standard name STD-MES 25mg/L
Magnesium (Mg) mg/L	Result 26
	Accuracy 96%
	Limit 19 - 31
	Blank <0.02
	Standard name C00-046-705_X_1000

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Quality control Report

Lab number: V-65290

Sample name: MBK-EFF-2

Sampling location: South Camp

Sampling date: July 05, 2017

Sampling hour: 14:35

Parameter	
Manganese (Mn) mg/L	Result 1.08
	Accuracy 92%
	Limit 0.800 - 1.200
	Blank <0.0005
	Standard name C00-046-705_X_1000
Dissolved Manganese (Mn) mg/L	Result 0.1072
	Accuracy 92.8%
	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name C00-046-705_X_1000
Mercury (Hg) mg/L	Result 0.1129
	Accuracy 87.1%
	Limit 0.0800 - 0.1200
	Blank <0.00001
	Standard name DMR-0266-2017-HgEu
Dissolved Mercury (Hg) mg/L	Result 0.00064
	Accuracy 91.4%
	Limit 0.00042 - 0.00098
	Blank <0.00001
	Standard name DMR-0266-2017-HgEu
Molybdenum (Mo) mg/L	Result 0.00059
	Accuracy 84.3%
	Limit 0.00042 - 0.00098
	Blank <0.0005
	Standard name C00-046-705_X_1000
Dissolved Molybdenum (Mo) mg/L	Result 0.1029
	Accuracy 97.1%
	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name C00-046-705_X_1000
Nickel (Ni) mg/L	Result 0.1046
	Accuracy 95.4%
	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name C00-046-705_X_1000
Dissolved Nickel (Ni) mg/L	Result 0.0989
	Accuracy 98.9%
	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name C00-046-705_X_1000

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Quality control Report

Lab number: V-65290

Sample name: MBK-EFF-2

Sampling location: South Camp

Sampling date: July 05, 2017

Sampling hour: 14:35

Parameter

	Result 0.1041
	Accuracy 95.9%
	Limit 0.0800 - 0.1200
Nitrate (NO3) mg N/L	Blank <0.01
Nitrite (NO2) mg N/L	Blank <0.01
	Standard name DMR-0266-2017-NO2-2
	Result 2.70
	Accuracy 99.6%
	Limit 2.30 - 3.12
Ortho-Phosphate (O-PO4) mg P/L	Blank <0.01
	Standard name DMR-0266-2017-OPO4
	Result 0.52
	Accuracy 88.1%
	Limit 0.52 - 0.66
pH	Standard name STD pH 7.0
	Result 6.98
	Accuracy 99.7%
	Limit 6.96 - 7.04
Lead (Pb) mg/L	Blank <0.0003
	Standard name C00-046-705_X_1000
	Result 0.1000
	Accuracy 100%
	Limit 0.0800 - 0.1200
Dissolved Lead (Pb) mg/L	Blank <0.0003
	Standard name C00-046-705_X_1000
	Result 0.1013
	Accuracy 98.7%
	Limit 0.0800 - 0.1200
Potassium (K) mg/L	Blank <0.05
	Standard name C00-046-705_X_1000
	Result 1.06
	Accuracy 94%
	Limit 0.800 - 1.200
Selenium (Se) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.095
	Accuracy 95%
	Limit 0.0800 - 0.1200
Dissolved Selenium (Se) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000

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Quality control Report

Lab number: V-65290

Sample name: MBK-EFF-2

Sampling location: South Camp

Sampling date: July 05, 2017

Sampling hour: 14:35

Parameter	
Sodium (Na) mg/L	Result 0.097
	Accuracy 97%
	Limit 0.0800 - 0.1200
	Blank <0.05
	Standard name C00-046-705_X_1000
Strontium (Sr) mg/L	Result 1.16
	Accuracy 84%
	Limit 0.800 - 1.200
	Blank <0.005
	Standard name DMR-0219-2017-Eu
dissolved Strontium (Sr) mg/L	Result 1.25
	Accuracy 98.4%
	Limit 0.98 - 1.48
	Blank <0.005
	Standard name DMR-0219-2017-Eu
Sulfate (SO4) mg SO4/L	Result 1.25
	Accuracy 98.4%
	Limit 0.98 - 1.48
	Blank <0.6
	Standard name DMR-0266-2017-SO4
Tellurium (Te) mg/L	Result 116
	Accuracy 94.3%
	Limit 114 - 132
	Blank <0.0005
	Standard name C00-046-705_X_1000
Thallium (Tl) mg/L	Result 0.0990
	Accuracy 99%
	Limit 0.0800 - 0.1200
	Blank <0.0008
	Standard name TI-S140909023-1000ppm
Dissolved thallium (Tl) mg/L	Result 914
	Accuracy 91.4%
	Limit 800 - 1200
	Blank <0.0008
	Standard name TI-S140909023-1000ppm
Thiocyanate (SCN) mg SCN/L	Result 910
	Accuracy 91%
	Limit 800 - 1200
	Blank <0.05
	Standard name STD SCN 568ppm

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Quality control Report

Lab number: V-65290

Sample name: MBK-EFF-2

Sampling location: South Camp

Sampling date: July 05, 2017

Sampling hour: 14:35

Parameter	
	Result 577
	Accuracy 98.4%
	Limit 398 - 738
Titanium (Ti) mg/L	Blank <0.01
Dissolved titanium (Ti) mg/L	Blank <0.01
Turbidity UTN	Standard name DMR-0266-2017-Turb
	Result 5.16
	Accuracy 99.4%
	Limit 4.41 - 5.97
Uranium (U) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.108
	Accuracy 92%
	Limit 0.0800 - 0.1200
Dissolved Uranium (U) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.109
	Accuracy 91%
	Limit 0.0800 - 0.1200
Vanadium (V) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1055
	Accuracy 94.5%
	Limit 0.0800 - 0.1200
Dissolved Vanadium mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1123
	Accuracy 87.7%
	Limit 0.0800 - 0.1200
Zinc (Zn) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.101
	Accuracy 99%
	Limit 0.0800 - 0.1200
Dissolved Zinc mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.100
	Accuracy 100%
	Limit 0.0800 - 0.1200

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Additional information

Lab number: V-65290
Sample name: MBK-EFF-2
Sampling location: South Camp

Sampling date: July 05, 2017
Sampling hour: 14:35

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-CL-2.0	MA.300-Ions 1.3
M-COUL-1.0	MA.103-Col. 2.0
M-CN-1.0	MA.300-CN 1.2
M-CI-1.0	MA.300-Anions 1.0
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-P-2.0	MA.303-P 1.1
M-SULF-2.0	MA.300-Ions 1.3
M-TURB-1.0	MA.103-Tur. 1.0

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-65291

Sampling location: SPL-RSF KIA

Sampling date: July 05, 2017

Sample name: MBK-NF1/SPL-RSF KIA

Sampling hour: 15:15

Sampled by: Tom T

Date received: July 07, 2017

Matrix: Water

Reported on: July 27, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Lab number: V-65291

Sample name: MBK-NF1/SPL-RSF KIA

Sampling date: July 05, 2017

Sampling location: SPL-RSF KIA

Sampling hour: 15:15

Parameter	Result	Method name	Analysis date
Alkalinity	30 mg CaCO ₃ /L	M-TIT-1.0	July 07, 2017
Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Antimony (Sb)	<0.0001 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Antimony (Sb)	<0.0001 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	0.06 mg N/L	Sous-traitance\H2Lab inc. (SAM)	July 10, 2017
Kjeldahl nitrogen	0.34 mg N/L	Sous-traitance\H2Lab inc. (SAM)	July 14, 2017
Barium (Ba)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Barium (Ba)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
bicarbonate (HCO ₃)	30 mg CaCO ₃ /L	M-TIT-1.0	July 07, 2017
Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Bromides	0.02 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Calcium (Ca)	7.94 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Carbonate (CO ₃)	<2 mg CaCO ₃ /L	M-TIT-1.0	July 07, 2017
Dissolved Organic Carbon (D.O.C.)	3.8 mg/L	M-COT-1.0	July 07, 2017
Total Organic Carbon (T.O.C.)	3.8 mg/L	M-COT-1.0	July 07, 2017
Chlorophyll A	1.1 µg/L	Sous-traitance\H2Lab inc. (SAM)	July 26, 2017
Chloride	3.6 mg/L	Sous-traitance\Multilab Direct	July 10, 2017
Chrome (Cr)	0.0009 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Chromium (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Cobalt (Co)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Cobalt (Co)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Conductivity	93 µmhos/cm	M-TIT-1.0	July 07, 2017
Colour	2 Colour units	Sous-traitance\Multilab Direct	July 07, 2017
Copper (Cu)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Copper (Cu)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Cyanide W.A.D.	<0.001 mg/L	Sous-traitance\Multilab Direct	July 12, 2017
Total Cyanide (CNT)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 12, 2017
Hardness	31 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	July 11, 2017
Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
dissolved Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 11, 2017

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Analytical Report

Lab number: V-65291

Sample name: MBK-NF1/SPL-RSF KIA

Sampling date: July 05, 2017

Sampling location: SPL-RSF KIA

Sampling hour: 15:15

Parameter	Result	Method name	Analysis date
Iron (Fe)	0.05 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Iron (Fe)	0.01 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Fluoride (F)	0.13 mg/L	Sous-traitance\Multilab Direct	July 14, 2017
Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Total Suspended Solids	<1 mg/L	M-SOLI-1.0	July 10, 2017
Magnesium (Mg)	2.89 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Manganese (Mn)	0.0032 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Manganese (Mn)	0.0005 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	July 12, 2017
Dissolved Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	July 12, 2017
Molybdenum (Mo)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Molybdenum (Mo)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Ammonia NH3 (non-ionized)	<0.05 mg N/L	Sous-traitance\H2Lab inc. (SAM)	July 10, 2017
Nickel (Ni)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Nickel (Ni)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Nitrate (NO3)	0.12 mg N/L	Sous-traitance\Multilab Direct	July 07, 2017
Nitrite (NO2)	<0.01 mg N/L	Sous-traitance\Multilab Direct	July 07, 2017
Ortho-Phosphate (O-PO4)	<0.01 mg P/L	Sous-traitance\Multilab Direct	July 07, 2017
Dissolved oxygen	8.9 mg/L	Sous-traitance\Multilab Direct	July 07, 2017
pH	7.49	M-TIT-1.0	July 07, 2017
Dissolved Phosphorus (P)	<0.04 mg P/L	Sous-traitance\H2Lab inc. (SAM)	July 10, 2017
Total Phosphorus (P)	<0.04 mg P/L	Sous-traitance\H2Lab inc. (SAM)	July 10, 2017
Lead (Pb)	0.0027 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Lead (Pb)	0.0008 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Potassium (K)	1.02 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Reactive silica (SiO2)	0.73 mg/L	Sous-traitance\Maxxam	July 11, 2017
Sodium (Na)	2.65 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Solids	62 mg/L	M-TIT-1.0	July 07, 2017
Strontium (Sr)	0.036 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
dissolved Strontium (Sr)	0.031 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Sulfate (SO4)	14.4 mg SO4/L	Sous-traitance\Multilab Direct	July 07, 2017
Tellurium (Te)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Thiocyanate (SCN)	<0.05 mg SCN/L	Sous-traitance\Multilab Direct	July 14, 2017
Thiosulfates (S2O3)	<0.02 mg S2O3/L	Sous-traitance\Multilab Direct	July 18, 2017
Titanium (Ti)	<0.01 mg/L	Sous-traitance\Multilab Direct	July 11, 2017

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Analytical Report

Lab number: V-65291

Sample name: MBK-NF1/SPL-RSF KIA

Sampling date: July 05, 2017

Sampling location: SPL-RSF KIA

Sampling hour: 15:15

Parameter	Result	Method name	Analysis date
Dissolved titanium (Ti)	<0.01 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Turbidity	0.89 NTU	Sous-traitance\Multilab Direct	July 07, 2017
Uranium (U)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Uranium (U)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Vanadium (V)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Vanadium	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Zinc (Zn)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Zinc	<0.001 mg/L	Sous-traitance\Multilab Direct	July 11, 2017

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Detection limit

Lab number: V-65291

Sample name: MBK-NF1/SPL-RSF KIA

Sampling date: July 05, 2017

Sampling location: SPL-RSF KIA

Sampling hour: 15:15

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO ₃ /L	M-TIT-1.0	
Aluminium (Al)	0.006	mg/L	Sous-traitance	
Dissolved Aluminium (Al)	0.006	mg/L	Sous-traitance	
Antimony (Sb)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Antimony (Sb)	0.0001	mg/L	Sous-traitance	
Silver (Ag)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Silver (Ag)	0.0001	mg/L	Sous-traitance	
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Arsenic (As)	0.0005	mg/L	Sous-traitance	
Kjeldahl nitrogen	0.07	mg N/L	Sous-traitance	
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Barium (Ba)	0.0005	mg/L	Sous-traitance	
Beryllium (Be)	0.0005	mg/L	Sous-traitance	
Dissolved Beryllium (Be)	0.0005	mg/L	Sous-traitance	
bicarbonate (HCO ₃)	2	mg CaCO ₃ /L	M-TIT-1.0	
Boron (B)	0.01	mg/L	Sous-traitance	Yes
Dissolved Boron (B)	0.01	mg/L	Sous-traitance	
Bromides	0.01	mg/L	Sous-traitance	
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Dissolved Cadmium (Cd)	0.00002	mg/L	Sous-traitance	
Calcium (Ca)	0.03	mg/L	Sous-traitance	Yes
Carbonate (CO ₃)	2	mg CaCO ₃ /L	M-TIT-1.0	
Dissolved Organic Carbon (D.O.C.)	0.2	mg/L	M-COT-1.0	--
Total Organic Carbon (T.O.C.)	0.2	mg/L	M-COT-1.0	Yes
Chlorophyll A	0.13	µg/L	Sous-traitance	
Chloride	0.5	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Dissolved Chromium (Cr)	0.0006	mg/L	Sous-traitance	
Cobalt (Co)	0.0005	mg/L	Sous-traitance	
Dissolved Cobalt (Co)	0.0005	mg/L	Sous-traitance	
Conductivity	1	µmhos/cm	M-TIT-1.0	Yes
Colour	1	UCV	Sous-traitance	Yes
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Copper (Cu)	0.0005	mg/L	Sous-traitance	
Cyanide W.A.D.	0.001	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO ₃ /L	Sous-traitance	
Tin (Sn)	0.001	mg/L	Sous-traitance	Yes
dissolved Tin (Sn)	0.001	mg/L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes

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Detection limit

Lab number: V-65291

Sample name: MBK-NF1/SPL-RSF KIA

Sampling date: July 05, 2017

Sampling location: SPL-RSF KIA

Sampling hour: 15:15

Parameter	Value	Unit	Method	Accreditation
Dissolved Iron (Fe)	0.01	mg/L	Sous-traitance	
Fluoride (F)	0.02	mg/L	Sous-traitance	Yes
Lithium (Li)	0.005	mg/L	Sous-traitance	
Dissolved Lithium (Li)	0.005	mg/L	Sous-traitance	
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Magnesium (Mg)	0.02	mg/L	Sous-traitance	Yes
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Manganese (Mn)	0.0005	mg/L	Sous-traitance	
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Dissolved Mercury (Hg)	0.00001	mg/L	Sous-traitance	
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Nickel (Ni)	0.0005	mg/L	Sous-traitance	
Nitrate (NO ₃)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO ₂)	0.01	mg N/L	Sous-traitance	Yes
Ortho-Phosphate (O-PO ₄)	0.01	mg P/L	Sous-traitance	Yes
Dissolved oxygen	0.1	mg/L	Sous-traitance	
pH			M-TIT-1.0	Yes
Total Phosphorus (P)	0.001	mg P/L	Sous-traitance	
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Dissolved Lead (Pb)	0.0003	mg/L	Sous-traitance	
Potassium (K)	0.05	mg/L	Sous-traitance	
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Dissolved Selenium (Se)	0.001	mg/L	Sous-traitance	
Reactive silica (SiO ₂)		mg/L	Sous-traitance	
Sodium (Na)	0.05	mg/L	Sous-traitance	Yes
Dissolved Solids	1	mg/L	M-TIT-1.0	
Strontium (Sr)	0.005	mg/L	Sous-traitance	
dissolved Strontium (Sr)	0.005	mg/L	Sous-traitance	
Sulfate (SO ₄)	0.6	mg SO ₄ /L	Sous-traitance	Yes
Tellurium (Te)	0.0005	mg/L	Sous-traitance	
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Dissolved thallium (Tl)	0.0008	mg/L	Sous-traitance	
Thiocyanate (SCN)	0.05	mg SCN/L	Sous-traitance	Yes
Thiosulfates (S ₂ O ₃)	0.02	mg S ₂ O ₃ /L	Sous-traitance	Yes
Titanium (Ti)	0.01	mg/L	Sous-traitance	
Dissolved titanium (Ti)	0.01	mg/L	Sous-traitance	
Turbidity	0.02	UTN	Sous-traitance	Yes
Uranium (U)	0.001	mg/L	Sous-traitance	

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Detection limit

Lab number: V-65291

Sample name: MBK-NF1/SPL-RSF KIA

Sampling date: July 05, 2017

Sampling location: SPL-RSF KIA

Sampling hour: 15:15

Parameter	Value	Unit	Method	Accreditation
Dissolved Uranium (U)	0.001	mg/L	Sous-traitance	
Vanadium (V)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Vanadium	0.0005	mg/L	Sous-traitance	
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes
Dissolved Zinc	0.001	mg/L	Sous-traitance	

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Quality control Report

Lab number: V-65291

Sample name: MBK-NF1/SPL-RSF KIA

Sampling date: July 05, 2017

Sampling location: SPL-RSF KIA

Sampling hour: 15:15

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 144 Accuracy 99.3% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006
	Standard name C00-046-705_X_1000 Result 0.972 Accuracy 97.2% Limit 0.800 - 1.200
Dissolved Aluminium (Al) mg/L	Blank <0.006
	Standard name C00-046-705_X_1000 Result 1.03 Accuracy 97% Limit 0.800 - 1.200
	Sample duplicate <0.006-<0.006
Antimony (Sb) mg/L	Blank <0.0001
	Standard name C00-046-705_X_1000 Result 0.0108 Accuracy 92% Limit 0.0080 - 0.0120
Dissolved Antimony (Sb) mg/L	Blank <0.0001
	Standard name C00-046-705_X_1000 Result 0.0109 Accuracy 91% Limit 0.0080 - 0.0120
	Sample duplicate <0.0001-<0.0001
Silver (Ag) mg/L	Blank <0.0001
	Standard name DMR-0013-2017-Ag Result 0.0434 Accuracy 97.6% Limit 0.0339 - 0.0509
Dissolved Silver (Ag) mg/L	Blank <0.0001
	Standard name DMR-0013-2017-Ag Result 0.0420 Accuracy 99.1% Limit 0.0339 - 0.0509
	Sample duplicate <0.0001-<0.0001
Arsenic (As) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000 Result 0.0953

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Quality control Report

Lab number: V-65291

Sample name: MBK-NF1/SPL-RSF KIA

Sampling date: July 05, 2017

Sampling location: SPL-RSF KIA

Sampling hour: 15:15

Parameter	
Dissolved Arsenic (As) mg/L	Accuracy 95.3%
	Limit 0.0700 - 0.1300
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0973
Barium (Ba) mg/L	Accuracy 97.3%
	Limit 0.0800 - 0.1200
	Sample duplicate <0.0005-<0.0005
	Blank <0.0005
	Standard name C00-046-705_X_1000
Dissolved Barium (Ba) mg/L	Result 0.0902
	Accuracy 90.2%
	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name C00-046-705_X_1000
Beryllium (Be) mg/L	Result 0.0937
	Accuracy 93.7%
	Limit 0.0800 - 0.1200
	Sample duplicate <0.0005-<0.0005
	Blank <0.0005
Dissolved Beryllium (Be) mg/L	Standard name C00-046-705_X_1000
	Result 0.0957
	Accuracy 95.7%
	Limit 0.0800 - 0.1200
	Blank <0.0005
Boron (B) mg/L	Standard name C00-046-705_X_1000
	Result 0.1026
	Accuracy 97.4%
	Limit 0.0800 - 0.1200
	Sample duplicate <0.0005-<0.0005
Dissolved Boron (B) mg/L	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.01
	Accuracy 99%
	Limit 0.800 - 1.200
Dissolved Boron (B) mg/L	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.09
	Accuracy 91%
	Limit 0.800 - 1.200

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Quality control Report

Lab number: V-65291

Sample name: MBK-NF1/SPL-RSF KIA

Sampling date: July 05, 2017

Sampling location: SPL-RSF KIA

Sampling hour: 15:15

Parameter	
Bromides mg/L	Sample duplicate <0.01-<0.01
	Blank <0.01
	Standard name DMR-0119-2017-Br
	Result 4.69
	Accuracy 83.3%
Cadmium (Cd) mg/L	Limit 4.50 - 6.76
	Blank <0.00002
	Standard name C00-046-705_X_1000
	Result 0.09853
	Accuracy 98.5%
Dissolved Cadmium (Cd) mg/L	Limit 0.0800 - 0.1200
	Blank <0.00002
	Standard name C00-046-705_X_1000
	Result 0.10155
	Accuracy 98.4%
Calcium (Ca) mg/L	Limit 0.0800 - 0.1200
	Sample duplicate <0.00002-<0.00002
	Blank <0.03
	Standard name C00-046-705_X_1000
	Result 0.97
Dissolved Organic Carbon (D.O.C.) mg/L	Accuracy 97%
	Limit 0.800 - 1.200
	Blank <0.2
	Standard name COD 10mg/L
	Result 10
Total Organic Carbon (T.O.C.) mg/L	Accuracy 100%
	Limit 8 - 12
	Blank <0.2
	Standard name COT 10mg/L
	Result 10
Chloride mg/L	Accuracy 100%
	Limit 8 - 12
	Blank <0.5
	Standard name DMR-0266-2017-CI
	Result 112
Chrome (Cr) mg/L	Accuracy 96.3%
	Limit 95 - 121
	Sample duplicate 3.6-3.8
	Blank <0.0006
	Standard name C00-046-705_X_1000

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Quality control Report

Lab number: V-65291

Sample name: MBK-NF1/SPL-RSF KIA

Sampling date: July 05, 2017

Sampling location: SPL-RSF KIA

Sampling hour: 15:15

Parameter	
Dissolved Chromium (Cr) mg/L	Result 0.1066
	Accuracy 93.4%
	Limit 0.0800 - 0.1200
	Blank <0.0006
	Standard name C00-046-705_X_1000
Cobalt (Co) mg/L	Result 0.1117
	Accuracy 88.3%
	Limit 0.0800 - 0.1200
	Sample duplicate <0.0006-<0.0006
	Blank <0.0005
Dissolved Cobalt (Co) mg/L	Standard name C00-046-705_X_1000
	Result 0.1052
	Accuracy 94.8%
	Limit 0.0800 - 0.1200
	Blank <0.0005
Conductivity µmhos/cm	Standard name C00-046-705_X_1000
	Result 0.1102
	Accuracy 89.8%
	Limit 0.0800 - 0.1200
	Sample duplicate <0.0005-<0.0005
Colour UCV	Standard name STD cond maison
	Result 1408
	Accuracy 99.5%
Copper (Cu) mg/L	Limit 1203 - 1627
	Blank <1
	Standard name DMR-0266-2017-Coul
Dissolved Copper (Cu) mg/L	Result 21
	Accuracy 90.1%
	Limit 14.8 - 23.4
	Blank <0.0005
	Standard name C00-046-705_X_1000
Dissolved Copper (Cu) mg/L	Result 0.1067
	Accuracy 93.3%
	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name C00-046-705_X_1000
Dissolved Copper (Cu) mg/L	Result 0.1107
	Accuracy 89.3%
	Limit 0.0800 - 0.1200
	Sample duplicate <0.0005-<0.0005

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Quality control Report

Lab number: V-65291

Sample name: MBK-NF1/SPL-RSF KIA

Sampling date: July 05, 2017

Sampling location: SPL-RSF KIA

Sampling hour: 15:15

Parameter	
Cyanide W.A.D. mg/L	Blank <0.001 Standard name DMR-0266-CNT Result 0.120 Accuracy 96.8% Limit 0.105 - 0.143
Total Cyanide (CNT) mg/L	Blank <0.001 Standard name DMR-0266-CNT Result 0.243 Accuracy 99.2% Limit 0.205 - 0.277
Tin (Sn) mg/L	Blank <0.001 Standard name DMR-0310-2016-Sn Result 10.06 Accuracy 89.1% Limit 7.26 - 10.88
dissolved Tin (Sn) mg/L	Blank <0.001 Standard name DMR-0310-2016-Sn Result 10.16 Accuracy 88% Limit 6.35 - 11.79
Iron (Fe) mg/L	Sample duplicate <0.001-<0.001 Blank <0.01 Standard name C00-046-705_X_1000 Result 1.14 Accuracy 86% Limit 0.800 - 1.200
Dissolved Iron (Fe) mg/L	Blank <0.01 Standard name C00-046-705_X_1000 Result 1.16 Accuracy 84% Limit 0.800 - 1.200
Fluoride (F) mg/L	Sample duplicate 0.01-0.01 Blank <0.02 Standard name DMR-0266-2017-F Result 2.42 Accuracy 94.8% Limit 2.13 - 2.47
Lithium (Li) mg/L	Blank <0.005 Standard name DMR-0219-2017-Eu Result 0.796

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Quality control Report

Lab number: V-65291

Sample name: MBK-NF1/SPL-RSF KIA

Sampling date: July 05, 2017

Sampling location: SPL-RSF KIA

Sampling hour: 15:15

Parameter	
Dissolved Lithium (Li) mg/L	Accuracy 94.1%
	Limit 0.677 - 1.015
	Blank <0.005
	Standard name DMR-0219-2017-Eu
	Result 0.784
Total Suspended Solids mg/L	Accuracy 92.7%
	Limit 0.677 - 1.015
	Blank <1
	Standard name STD-MES 25mg/L
	Result 26
Magnesium (Mg) mg/L	Accuracy 96%
	Limit 19 - 31
	Blank <0.02
	Standard name C00-046-705_X_1000
	Result 1.08
Manganese (Mn) mg/L	Accuracy 92%
	Limit 0.800 - 1.200
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1072
Dissolved Manganese (Mn) mg/L	Accuracy 92.8%
	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1129
Mercury (Hg) mg/L	Accuracy 87.1%
	Limit 0.0800 - 0.1200
	Sample duplicate 0.0005-0.0005
	Blank <0.00001
	Standard name DMR-0266-2017-HgEu
Result 0.00064	
Dissolved Mercury (Hg) mg/L	Accuracy 91.4%
	Limit 0.00042 - 0.00098
	Blank <0.00001
	Standard name DMR-0266-2017-HgEu
	Result 0.00059
Molybdenum (Mo) mg/L	Accuracy 84.3%
	Limit 0.00042 - 0.00098
	Blank <0.0005
	Standard name C00-046-705_X_1000

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Quality control Report

Lab number: V-65291

Sample name: MBK-NF1/SPL-RSF KIA

Sampling date: July 05, 2017

Sampling location: SPL-RSF KIA

Sampling hour: 15:15

Parameter	
Dissolved Molybdenum (Mo) mg/L	Result 0.1029
	Accuracy 97.1%
	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name C00-046-705_X_1000
Nickel (Ni) mg/L	Result 0.1046
	Accuracy 95.4%
	Limit 0.0800 - 0.1200
	Sample duplicate <0.0005-<0.0005
	Blank <0.0005
Dissolved Nickel (Ni) mg/L	Standard name C00-046-705_X_1000
	Result 0.0989
	Accuracy 98.9%
	Limit 0.0800 - 0.1200
	Blank <0.0005
Nitrate (NO3) mg N/L	Standard name C00-046-705_X_1000
	Result 0.1041
	Accuracy 95.9%
	Limit 0.0800 - 0.1200
	Sample duplicate <0.0005-<0.0005
Nitrite (NO2) mg N/L	Blank <0.01
	Blank <0.01
	Standard name DMR-0266-2017-NO2-2
	Result 2.70
	Accuracy 99.6%
Ortho-Phosphate (O-PO4) mg P/L	Limit 2.30 - 3.12
	Blank <0.01
	Standard name DMR-0266-2017-OPO4
	Result 0.52
	Accuracy 88.1%
pH	Limit 0.52 - 0.66
	Standard name STD pH 7.0
	Result 6.98
	Accuracy 99.7%
	Limit 6.96 - 7.04
Lead (Pb) mg/L	Blank <0.0003
	Standard name C00-046-705_X_1000
	Result 0.1000
	Accuracy 100%
	Limit 0.0800 - 0.1200

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Quality control Report

Lab number: V-65291

Sample name: MBK-NF1/SPL-RSF KIA

Sampling date: July 05, 2017

Sampling location: SPL-RSF KIA

Sampling hour: 15:15

Parameter

Dissolved Lead (Pb) mg/L
Blank <0.0003
Standard name C00-046-705_X_1000
Result 0.1013
Accuracy 98.7%
Limit 0.0800 - 0.1200

Potassium (K) mg/L
Sample duplicate 0.0008-<0.0003
Blank <0.05
Standard name C00-046-705_X_1000
Result 1.06
Accuracy 94%
Limit 0.800 - 1.200

Selenium (Se) mg/L
Blank <0.001
Standard name C00-046-705_X_1000
Result 0.095
Accuracy 95%
Limit 0.0800 - 0.1200

Dissolved Selenium (Se) mg/L
Blank <0.001
Standard name C00-046-705_X_1000
Result 0.097
Accuracy 97%
Limit 0.0800 - 0.1200

Sodium (Na) mg/L
Sample duplicate <0.001-<0.001
Blank <0.05
Standard name C00-046-705_X_1000
Result 1.16
Accuracy 84%
Limit 0.800 - 1.200

Strontium (Sr) mg/L
Blank <0.005
Standard name DMR-0219-2017-Eu
Result 1.25
Accuracy 98.4%
Limit 0.98 - 1.48

dissolved Strontium (Sr) mg/L
Blank <0.005
Standard name DMR-0219-2017-Eu
Result 1.25
Accuracy 98.4%
Limit 0.98 - 1.48

Sulfate (SO4) mg SO4/L
Blank <0.6
Standard name DMR-0266-2017-SO4
Result 116

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Quality control Report

Lab number: V-65291

Sample name: MBK-NF1/SPL-RSF KIA

Sampling date: July 05, 2017

Sampling location: SPL-RSF KIA

Sampling hour: 15:15

Parameter	
Tellurium (Te) mg/L	Accuracy 94.3%
	Limit 114 - 132
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0990
Thallium (Tl) mg/L	Accuracy 99%
	Limit 0.0800 - 0.1200
	Blank <0.0008
	Standard name Tl-S140909023-1000ppm
	Result 914
Dissolved thallium (Tl) mg/L	Accuracy 91.4%
	Limit 800 - 1200
	Blank <0.0008
	Standard name Tl-S140909023-1000ppm
	Result 910
Thiocyanate (SCN) mg SCN/L	Accuracy 91%
	Limit 800 - 1200
	Blank <0.05
	Standard name STD SCN 568ppm
	Result 577
Titanium (Ti) mg/L	Accuracy 98.4%
	Limit 398 - 738
	Sample duplicate <0.05-<0.05
	Blank <0.01
	Dissolved titanium (Ti) mg/L
Turbidity UTN	Blank <0.01
	Sample duplicate <0.01-<0.01
	Standard name DMR-0266-2017-Turb
	Result 5.16
	Accuracy 99.4%
Uranium (U) mg/L	Limit 4.41 - 5.97
	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.108
	Accuracy 92%
Dissolved Uranium (U) mg/L	Limit 0.0800 - 0.1200
	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.109
	Accuracy 91%
	Limit 0.0800 - 0.1200

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Quality control Report

Lab number: V-65291

Sample name: MBK-NF1/SPL-RSF KIA

Sampling date: July 05, 2017

Sampling location: SPL-RSF KIA

Sampling hour: 15:15

Parameter	
Vanadium (V) mg/L	Sample duplicate <0.001-<0.001
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1055
	Accuracy 94.5%
Dissolved Vanadium mg/L	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1123
	Accuracy 87.7%
Zinc (Zn) mg/L	Limit 0.0800 - 0.1200
	Sample duplicate <0.0005-<0.0005
	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.101
Dissolved Zinc mg/L	Accuracy 99%
	Limit 0.0800 - 0.1200
	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.100
	Accuracy 100%
	Limit 0.0800 - 0.1200
	Sample duplicate <0.001-<0.001

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Additional information

Lab number: V-65291

Sample name: MBK-NF1/SPL-RSF KIA

Sampling location: SPL-RSF KIA

Sampling date: July 05, 2017

Sampling hour: 15:15

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-CL-2.0	MA.300-Ions 1.3
M-COUL-1.0	MA.103-Col. 2.0
M-CN-1.0	MA.300-CN 1.2
M-CI-1.0	MA.300-Anions 1.0
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-P-2.0	MA.303-P 1.1
M-SULF-2.0	MA.300-Ions 1.3
M-TURB-1.0	MA.103-Tur. 1.0

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-65292

Sampling location: NP2 EAST KIA

Sampling date: July 05, 2017

Sample name: MBK-NF2/NP2 EAST KIA

Sampling hour: 16:00

Sampled by: Tom T

Date received: July 07, 2017

Matrix: Water

Reported on: July 27, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

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Analytical Report

Lab number: V-65292

Sample name: MBK-NF2/NP2 EAST KIA

Sampling date: July 05, 2017

Sampling location: NP2 EAST KIA

Sampling hour: 16:00

Parameter	Result	Method name	Analysis date
Alkalinity	55 mg CaCO ₃ /L	M-TIT-1.0	July 07, 2017
Aluminium (Al)	0.011 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Antimony (Sb)	<0.0001 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Antimony (Sb)	<0.0001 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	0.05 mg N/L	Sous-traitance\H2Lab inc. (SAM)	July 10, 2017
Kjeldahl nitrogen	0.4 mg N/L	Sous-traitance\H2Lab inc. (SAM)	July 14, 2017
Barium (Ba)	0.003 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Barium (Ba)	0.0023 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
bicarbonate (HCO ₃)	55 mg CaCO ₃ /L	M-TIT-1.0	July 07, 2017
Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Bromides	0.03 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Calcium (Ca)	20.4 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Carbonate (CO ₃)	<2 mg CaCO ₃ /L	M-TIT-1.0	July 07, 2017
Dissolved Organic Carbon (D.O.C.)	6.4 mg/L	M-COT-1.0	July 07, 2017
Total Organic Carbon (T.O.C.)	6.4 mg/L	M-COT-1.0	July 07, 2017
Chlorophyll A	1.9 µg/L	Sous-traitance\H2Lab inc. (SAM)	July 26, 2017
Chloride	4.5 mg/L	Sous-traitance\Multilab Direct	July 10, 2017
Chrome (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Chromium (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Cobalt (Co)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Cobalt (Co)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Conductivity	213 µmhos/cm	M-TIT-1.0	July 07, 2017
Colour	5 Colour units	Sous-traitance\Multilab Direct	July 07, 2017
Copper (Cu)	0.0024 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Copper (Cu)	0.0017 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Cyanide W.A.D.	<0.001 mg/L	Sous-traitance\Multilab Direct	July 12, 2017
Total Cyanide (CNT)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 12, 2017
Hardness	79 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	July 11, 2017
Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
dissolved Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 11, 2017

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Analytical Report

Lab number: V-65292

Sample name: MBK-NF2/NP2 EAST KIA

Sampling date: July 05, 2017

Sampling location: NP2 EAST KIA

Sampling hour: 16:00

Parameter	Result	Method name	Analysis date
Iron (Fe)	0.12 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Iron (Fe)	0.02 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Fluoride (F)	0.14 mg/L	Sous-traitance\Multilab Direct	July 14, 2017
Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Total Suspended Solids	<1 mg/L	M-SOLI-1.0	July 10, 2017
Magnesium (Mg)	6.84 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Manganese (Mn)	0.0206 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Manganese (Mn)	0.0007 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	July 12, 2017
Dissolved Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	July 12, 2017
Molybdenum (Mo)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Molybdenum (Mo)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Ammonia NH3 (non-ionized)	<0.05 mg N/L	Sous-traitance\H2Lab inc. (SAM)	July 10, 2017
Nickel (Ni)	0.0045 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Nickel (Ni)	0.0040 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Nitrate (NO3)	0.14 mg N/L	Sous-traitance\Multilab Direct	July 07, 2017
Nitrite (NO2)	<0.01 mg N/L	Sous-traitance\Multilab Direct	July 07, 2017
Ortho-Phosphate (O-PO4)	<0.01 mg P/L	Sous-traitance\Multilab Direct	July 07, 2017
Dissolved oxygen	9.1 mg/L	Sous-traitance\Multilab Direct	July 07, 2017
pH	7.99	M-TIT-1.0	July 07, 2017
Dissolved Phosphorus (P)	<0.04 mg P/L	Sous-traitance\H2Lab inc. (SAM)	July 10, 2017
Total Phosphorus (P)	<0.04 mg P/L	Sous-traitance\H2Lab inc. (SAM)	July 10, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Lead (Pb)	0.0009 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Potassium (K)	2.42 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Reactive silica (SiO2)	0.66 mg/L	Sous-traitance\Maxxam	July 11, 2017
Sodium (Na)	10.8 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Solids	142 mg/L	M-TIT-1.0	July 07, 2017
Strontium (Sr)	0.075 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
dissolved Strontium (Sr)	0.068 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Sulfate (SO4)	40.0 mg SO4/L	Sous-traitance\Multilab Direct	July 07, 2017
Tellurium (Te)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Thiocyanate (SCN)	<0.05 mg SCN/L	Sous-traitance\Multilab Direct	July 14, 2017
Thiosulfates (S2O3)	<0.02 mg S2O3/L	Sous-traitance\Multilab Direct	July 18, 2017
Titanium (Ti)	0.02 mg/L	Sous-traitance\Multilab Direct	July 11, 2017

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Analytical Report

Lab number: V-65292

Sample name: MBK-NF2/NP2 EAST KIA

Sampling date: July 05, 2017

Sampling location: NP2 EAST KIA

Sampling hour: 16:00

Parameter	Result	Method name	Analysis date
Dissolved titanium (Ti)	0.01 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Turbidity	1.7 NTU	Sous-traitance\Multilab Direct	July 07, 2017
Uranium (U)	0.001 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Uranium (U)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Vanadium (V)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Vanadium	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Zinc (Zn)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Zinc	<0.001 mg/L	Sous-traitance\Multilab Direct	July 11, 2017

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Detection limit

Lab number: V-65292

Sample name: MBK-NF2/NP2 EAST KIA

Sampling date: July 05, 2017

Sampling location: NP2 EAST KIA

Sampling hour: 16:00

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO3/L	M-TIT-1.0	
Aluminium (Al)	0.006	mg/L	Sous-traitance	
Dissolved Aluminium (Al)	0.006	mg/L	Sous-traitance	
Antimony (Sb)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Antimony (Sb)	0.0001	mg/L	Sous-traitance	
Silver (Ag)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Silver (Ag)	0.0001	mg/L	Sous-traitance	
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Arsenic (As)	0.0005	mg/L	Sous-traitance	
Kjeldahl nitrogen	0.07	mg N/L	Sous-traitance	
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Barium (Ba)	0.0005	mg/L	Sous-traitance	
Beryllium (Be)	0.0005	mg/L	Sous-traitance	
Dissolved Beryllium (Be)	0.0005	mg/L	Sous-traitance	
bicarbonate (HCO3)	2	mg CaCO3/L	M-TIT-1.0	
Boron (B)	0.01	mg/L	Sous-traitance	Yes
Dissolved Boron (B)	0.01	mg/L	Sous-traitance	
Bromides	0.01	mg/L	Sous-traitance	
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Dissolved Cadmium (Cd)	0.00002	mg/L	Sous-traitance	
Calcium (Ca)	0.03	mg/L	Sous-traitance	Yes
Carbonate (CO3)	2	mg CaCO3/L	M-TIT-1.0	
Dissolved Organic Carbon (D.O.C.)	0.2	mg/L	M-COT-1.0	--
Total Organic Carbon (T.O.C.)	0.2	mg/L	M-COT-1.0	Yes
Chlorophyll A	0.13	µg/L	Sous-traitance	
Chloride	0.5	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Dissolved Chromium (Cr)	0.0006	mg/L	Sous-traitance	
Cobalt (Co)	0.0005	mg/L	Sous-traitance	
Dissolved Cobalt (Co)	0.0005	mg/L	Sous-traitance	
Conductivity	1	µmhos/cm	M-TIT-1.0	Yes
Colour	1	UCV	Sous-traitance	Yes
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Copper (Cu)	0.0005	mg/L	Sous-traitance	
Cyanide W.A.D.	0.001	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO3/L	Sous-traitance	
Tin (Sn)	0.001	mg/L	Sous-traitance	Yes
dissolved Tin (Sn)	0.001	mg/L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes

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Detection limit

Lab number: V-65292

Sample name: MBK-NF2/NP2 EAST KIA

Sampling date: July 05, 2017

Sampling location: NP2 EAST KIA

Sampling hour: 16:00

Parameter	Value	Unit	Method	Accreditation
Dissolved Iron (Fe)	0.01	mg/L	Sous-traitance	
Fluoride (F)	0.02	mg/L	Sous-traitance	Yes
Lithium (Li)	0.005	mg/L	Sous-traitance	
Dissolved Lithium (Li)	0.005	mg/L	Sous-traitance	
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Magnesium (Mg)	0.02	mg/L	Sous-traitance	Yes
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Manganese (Mn)	0.0005	mg/L	Sous-traitance	
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Dissolved Mercury (Hg)	0.00001	mg/L	Sous-traitance	
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Nickel (Ni)	0.0005	mg/L	Sous-traitance	
Nitrate (NO ₃)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO ₂)	0.01	mg N/L	Sous-traitance	Yes
Ortho-Phosphate (O-PO ₄)	0.01	mg P/L	Sous-traitance	Yes
Dissolved oxygen	0.1	mg/L	Sous-traitance	
pH			M-TIT-1.0	Yes
Total Phosphorus (P)	0.001	mg P/L	Sous-traitance	
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Dissolved Lead (Pb)	0.0003	mg/L	Sous-traitance	
Potassium (K)	0.05	mg/L	Sous-traitance	
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Dissolved Selenium (Se)	0.001	mg/L	Sous-traitance	
Reactive silica (SiO ₂)		mg/L	Sous-traitance	
Sodium (Na)	0.05	mg/L	Sous-traitance	Yes
Dissolved Solids	1	mg/L	M-TIT-1.0	
Strontium (Sr)	0.005	mg/L	Sous-traitance	
dissolved Strontium (Sr)	0.005	mg/L	Sous-traitance	
Sulfate (SO ₄)	0.6	mg SO ₄ /L	Sous-traitance	Yes
Tellurium (Te)	0.0005	mg/L	Sous-traitance	
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Dissolved thallium (Tl)	0.0008	mg/L	Sous-traitance	
Thiocyanate (SCN)	0.05	mg SCN/L	Sous-traitance	Yes
Thiosulfates (S ₂ O ₃)	0.02	mg S ₂ O ₃ /L	Sous-traitance	Yes
Titanium (Ti)	0.01	mg/L	Sous-traitance	
Dissolved titanium (Ti)	0.01	mg/L	Sous-traitance	
Turbidity	0.02	UTN	Sous-traitance	Yes
Uranium (U)	0.001	mg/L	Sous-traitance	

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Detection limit

Lab number: V-65292

Sample name: MBK-NF2/NP2 EAST KIA

Sampling date: July 05, 2017

Sampling location: NP2 EAST KIA

Sampling hour: 16:00

Parameter	Value	Unit	Method	Accreditation
Dissolved Uranium (U)	0.001	mg/L	Sous-traitance	
Vanadium (V)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Vanadium	0.0005	mg/L	Sous-traitance	
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes
Dissolved Zinc	0.001	mg/L	Sous-traitance	

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Quality control Report

Lab number: V-65292

Sample name: MBK-NF2/NP2 EAST KIA

Sampling date: July 05, 2017

Sampling location: NP2 EAST KIA

Sampling hour: 16:00

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 144 Accuracy 99.3% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006
	Standard name C00-046-705_X_1000 Result 0.972 Accuracy 97.2% Limit 0.800 - 1.200
Dissolved Aluminium (Al) mg/L	Blank <0.006
	Standard name C00-046-705_X_1000 Result 1.03 Accuracy 97% Limit 0.800 - 1.200
Antimony (Sb) mg/L	Blank <0.0001
	Standard name C00-046-705_X_1000 Result 0.0108 Accuracy 92% Limit 0.0080 - 0.0120
Dissolved Antimony (Sb) mg/L	Blank <0.0001
	Standard name C00-046-705_X_1000 Result 0.0109 Accuracy 91% Limit 0.0080 - 0.0120
Silver (Ag) mg/L	Blank <0.0001
	Standard name DMR-0013-2017-Ag Result 0.0434 Accuracy 97.6% Limit 0.0339 - 0.0509
Dissolved Silver (Ag) mg/L	Blank <0.0001
	Standard name DMR-0013-2017-Ag Result 0.0420 Accuracy 99.1% Limit 0.0339 - 0.0509
Arsenic (As) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000 Result 0.0953 Accuracy 95.3% Limit 0.0700 - 0.1300
Dissolved Arsenic (As) mg/L	Blank <0.0005

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Quality control Report

Lab number: V-65292

Sample name: MBK-NF2/NP2 EAST KIA

Sampling date: July 05, 2017

Sampling location: NP2 EAST KIA

Sampling hour: 16:00

Parameter	
	Standard name C00-046-705_X_1000
	Result 0.0973
	Accuracy 97.3%
	Limit 0.0800 - 0.1200
Barium (Ba) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0902
	Accuracy 90.2%
	Limit 0.0800 - 0.1200
Dissolved Barium (Ba) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0937
	Accuracy 93.7%
	Limit 0.0800 - 0.1200
Beryllium (Be) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0957
	Accuracy 95.7%
	Limit 0.0800 - 0.1200
Dissolved Beryllium (Be) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1026
	Accuracy 97.4%
	Limit 0.0800 - 0.1200
Boron (B) mg/L	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.01
	Accuracy 99%
	Limit 0.800 - 1.200
Dissolved Boron (B) mg/L	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.09
	Accuracy 91%
	Limit 0.800 - 1.200
Bromides mg/L	Blank <0.01
	Standard name DMR-0119-2017-Br
	Result 4.69
	Accuracy 83.3%
	Limit 4.50 - 6.76
	Sample duplicate 0.03-0.04

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Quality control Report

Lab number: V-65292

Sample name: MBK-NF2/NP2 EAST KIA

Sampling date: July 05, 2017

Sampling location: NP2 EAST KIA

Sampling hour: 16:00

Parameter	
Cadmium (Cd) mg/L	Blank <0.00002 Standard name C00-046-705_X_1000 Result 0.09853 Accuracy 98.5% Limit 0.0800 - 0.1200
Dissolved Cadmium (Cd) mg/L	Blank <0.00002 Standard name C00-046-705_X_1000 Result 0.10155 Accuracy 98.4% Limit 0.0800 - 0.1200
Calcium (Ca) mg/L	Blank <0.03 Standard name C00-046-705_X_1000 Result 0.97 Accuracy 97% Limit 0.800 - 1.200
Dissolved Organic Carbon (D.O.C.) mg/L	Blank <0.2 Standard name COD 10mg/L Result 10 Accuracy 100% Limit 8 - 12 Sample duplicate 6.4-5.9
Total Organic Carbon (T.O.C.) mg/L	Blank <0.2 Standard name COT 10mg/L Result 10 Accuracy 100% Limit 8 - 12 Sample duplicate 6.4-5.9
Chloride mg/L	Blank <0.5 Standard name DMR-0266-2017-CI Result 112 Accuracy 96.3% Limit 95 - 121
Chrome (Cr) mg/L	Blank <0.0006 Standard name C00-046-705_X_1000 Result 0.1066 Accuracy 93.4% Limit 0.0800 - 0.1200
Dissolved Chromium (Cr) mg/L	Blank <0.0006 Standard name C00-046-705_X_1000 Result 0.1117

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Quality control Report

Lab number: V-65292

Sample name: MBK-NF2/NP2 EAST KIA

Sampling date: July 05, 2017

Sampling location: NP2 EAST KIA

Sampling hour: 16:00

Parameter	
Cobalt (Co) mg/L	Accuracy 88.3%
	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1052
Dissolved Cobalt (Co) mg/L	Accuracy 94.8%
	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1102
Conductivity µmhos/cm	Accuracy 89.8%
	Limit 0.0800 - 0.1200
	Standard name STD cond maison
	Result 1408
Colour UCV	Accuracy 99.5%
	Limit 1203 - 1627
	Blank <1
	Standard name DMR-0266-2017-Coul
	Result 21
Copper (Cu) mg/L	Accuracy 90.1%
	Limit 14.8 - 23.4
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1067
Dissolved Copper (Cu) mg/L	Accuracy 93.3%
	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1107
Cyanide W.A.D. mg/L	Accuracy 89.3%
	Limit 0.0800 - 0.1200
	Blank <0.001
	Standard name DMR-0266-CNT
	Result 0.120
Total Cyanide (CNT) mg/L	Accuracy 96.8%
	Limit 0.105 - 0.143
	Blank <0.001
	Standard name DMR-0266-CNT
	Result 0.243
	Accuracy 99.2%

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Quality control Report

Lab number: V-65292

Sample name: MBK-NF2/NP2 EAST KIA

Sampling date: July 05, 2017

Sampling location: NP2 EAST KIA

Sampling hour: 16:00

Parameter	
Tin (Sn) mg/L	Limit 0.205 - 0.277
	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.102
	Accuracy 98%
dissolved Tin (Sn) mg/L	Limit 0.0800 - 0.1200
	Blank <0.001
	Standard name DMR-0310-2016-Sn
	Result 10.16
	Accuracy 88%
Iron (Fe) mg/L	Limit 6.35 - 11.79
	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.14
	Accuracy 86%
Dissolved Iron (Fe) mg/L	Limit 0.800 - 1.200
	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.16
	Accuracy 84%
Fluoride (F) mg/L	Limit 0.800 - 1.200
	Blank <0.02
	Standard name DMR-0266-2017-F
	Result 2.42
	Accuracy 94.8%
Lithium (Li) mg/L	Limit 2.13 - 2.47
	Blank <0.005
	Standard name DMR-0219-2017-Eu
	Result 0.796
	Accuracy 94.1%
Dissolved Lithium (Li) mg/L	Limit 0.677 - 1.015
	Sample duplicate <0.005-<0.005
	Blank <0.005
	Standard name DMR-0219-2017-Eu
	Result 0.784
Accuracy 92.7%	
Total Suspended Solids mg/L	Limit 0.677 - 1.015
	Blank <1
	Standard name STD-MES 25mg/L
	Result 26

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Quality control Report

Lab number: V-65292

Sample name: MBK-NF2/NP2 EAST KIA

Sampling date: July 05, 2017

Sampling location: NP2 EAST KIA

Sampling hour: 16:00

Parameter	
Magnesium (Mg) mg/L	Accuracy 96%
	Limit 19 - 31
	Blank <0.02
	Standard name C00-046-705_X_1000
	Result 1.08
Manganese (Mn) mg/L	Accuracy 92%
	Limit 0.800 - 1.200
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1072
Dissolved Manganese (Mn) mg/L	Accuracy 92.8%
	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1129
Mercury (Hg) mg/L	Accuracy 87.1%
	Limit 0.0800 - 0.1200
	Blank <0.00001
	Standard name DMR-0266-2017-HgEu
	Result 0.00064
Dissolved Mercury (Hg) mg/L	Accuracy 91.4%
	Limit 0.00042 - 0.00098
	Blank <0.00001
	Standard name DMR-0266-2017-HgEu
	Result 0.00059
Molybdenum (Mo) mg/L	Accuracy 84.3%
	Limit 0.00042 - 0.00098
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1029
Dissolved Molybdenum (Mo) mg/L	Accuracy 97.1%
	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1046
Nickel (Ni) mg/L	Accuracy 95.4%
	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0989

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Quality control Report

Lab number: V-65292

Sample name: MBK-NF2/NP2 EAST KIA

Sampling date: July 05, 2017

Sampling location: NP2 EAST KIA

Sampling hour: 16:00

Parameter	
Dissolved Nickel (Ni) mg/L	Accuracy 98.9%
	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1041
Nitrate (NO3) mg N/L Nitrite (NO2) mg N/L	Accuracy 95.9%
	Limit 0.0800 - 0.1200
	Blank <0.01
	Blank <0.01
	Standard name DMR-0266-2017-NO2-2
Ortho-Phosphate (O-PO4) mg P/L	Result 2.70
	Accuracy 99.6%
	Limit 2.30 - 3.12
	Blank <0.01
	Standard name DMR-0266-2017-OPO4
pH	Result 0.52
	Accuracy 88.1%
	Limit 0.52 - 0.66
	Standard name STD pH 7.0
	Result 6.98
Lead (Pb) mg/L	Accuracy 99.7%
	Limit 6.96 - 7.04
	Blank <0.0003
	Standard name C00-046-705_X_1000
	Result 0.1000
Dissolved Lead (Pb) mg/L	Accuracy 100%
	Limit 0.0800 - 0.1200
	Blank <0.0003
	Standard name C00-046-705_X_1000
	Result 0.1013
Potassium (K) mg/L	Accuracy 98.7%
	Limit 0.0800 - 0.1200
	Blank <0.05
	Standard name C00-046-705_X_1000
	Result 1.06
Selenium (Se) mg/L	Accuracy 94%
	Limit 0.800 - 1.200
	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.095

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Quality control Report

Lab number: V-65292

Sample name: MBK-NF2/NP2 EAST KIA

Sampling date: July 05, 2017

Sampling location: NP2 EAST KIA

Sampling hour: 16:00

Parameter	
Dissolved Selenium (Se) mg/L	Accuracy 95%
	Limit 0.0800 - 0.1200
	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.097
Sodium (Na) mg/L	Accuracy 97%
	Limit 0.0800 - 0.1200
	Blank <0.05
	Standard name C00-046-705_X_1000
	Result 1.16
Strontium (Sr) mg/L	Accuracy 84%
	Limit 0.800 - 1.200
	Blank <0.005
	Standard name DMR-0219-2017-Eu
dissolved Strontium (Sr) mg/L	Result 1.25
	Accuracy 98.4%
	Limit 0.98 - 1.48
	Sample duplicate 0.075-0.076
Sulfate (SO4) mg SO4/L	Blank <0.005
	Standard name DMR-0219-2017-Eu
	Result 1.25
	Accuracy 98.4%
Tellurium (Te) mg/L	Limit 0.98 - 1.48
	Blank <0.6
	Standard name DMR-0266-2017-SO4
	Result 116
Thallium (Tl) mg/L	Accuracy 94.3%
	Limit 114 - 132
	Blank <0.0005
	Standard name C00-046-705_X_1000
Dissolved thallium (Tl) mg/L	Result 0.0990
	Accuracy 99%
	Limit 0.0800 - 0.1200
	Blank <0.0008
Dissolved thallium (Tl) mg/L	Standard name TI-S140909023-1000ppm
	Result 914
	Accuracy 91.4%
	Limit 800 - 1200
Dissolved thallium (Tl) mg/L	Sample duplicate <0.0008-<0.0008
	Blank <0.0008

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Quality control Report

Lab number: V-65292

Sample name: MBK-NF2/NP2 EAST KIA

Sampling date: July 05, 2017

Sampling location: NP2 EAST KIA

Sampling hour: 16:00

Parameter	
	Standard name TI-S140909023-1000ppm
	Result 910
	Accuracy 91%
	Limit 800 - 1200
Thiocyanate (SCN) mg SCN/L	Blank <0.05
	Standard name STD SCN 568ppm
	Result 577
	Accuracy 98.4%
	Limit 398 - 738
Titanium (Ti) mg/L	Blank <0.01
Dissolved titanium (Ti) mg/L	Blank <0.01
Turbidity UTN	Standard name DMR-0266-2017-Turb
	Result 5.16
	Accuracy 99.4%
	Limit 4.41 - 5.97
Uranium (U) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.108
	Accuracy 92%
	Limit 0.0800 - 0.1200
Dissolved Uranium (U) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.109
	Accuracy 91%
	Limit 0.0800 - 0.1200
Vanadium (V) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1055
	Accuracy 94.5%
	Limit 0.0800 - 0.1200
Dissolved Vanadium mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1123
	Accuracy 87.7%
	Limit 0.0800 - 0.1200
Zinc (Zn) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.101
	Accuracy 99%
	Limit 0.0800 - 0.1200

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Additional information

Lab number: V-65292

Sample name: MBK-NF2/NP2 EAST KIA

Sampling location: NP2 EAST KIA

Sampling date: July 05, 2017

Sampling hour: 16:00

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-CL-2.0	MA.300-Ions 1.3
M-COUL-1.0	MA.103-Col. 2.0
M-CN-1.0	MA.300-CN 1.2
M-CI-1.0	MA.300-Anions 1.0
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-P-2.0	MA.303-P 1.1
M-SULF-2.0	MA.300-Ions 1.3
M-TURB-1.0	MA.103-Tur. 1.0

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-65293

Sampling location: NP2 WEST KIA

Sampling date: July 05, 2017

Sample name: NP2 WEST KIA

Sampling hour: 17:30

Sampled by: Tom T

Date received: July 07, 2017

Matrix: Water

Reported on: July 27, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

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Analytical Report

Lab number: V-65293

Sample name: NP2 WEST KIA

Sampling date: July 05, 2017

Sampling location: NP2 WEST KIA

Sampling hour: 17:30

Parameter	Result	Method name	Analysis date
Alkalinity	56 mg CaCO ₃ /L	M-TIT-1.0	July 07, 2017
Aluminium (Al)	0.033 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Antimony (Sb)	<0.0001 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Antimony (Sb)	<0.0001 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	0.06 mg N/L	Sous-traitance\H2Lab inc. (SAM)	July 10, 2017
Kjeldahl nitrogen	0.4 mg N/L	Sous-traitance\H2Lab inc. (SAM)	July 14, 2017
Barium (Ba)	0.0026 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Barium (Ba)	0.0025 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
bicarbonate (HCO ₃)	56 mg CaCO ₃ /L	M-TIT-1.0	July 07, 2017
Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Bromides	0.04 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Calcium (Ca)	18.1 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Carbonate (CO ₃)	<2 mg CaCO ₃ /L	M-TIT-1.0	July 07, 2017
Dissolved Organic Carbon (D.O.C.)	5.8 mg/L	M-COT-1.0	July 07, 2017
Total Organic Carbon (T.O.C.)	5.8 mg/L	M-COT-1.0	July 07, 2017
Chlorophyll A	1.7 µg/L	Sous-traitance\H2Lab inc. (SAM)	July 26, 2017
Chloride	4.9 mg/L	Sous-traitance\Multilab Direct	July 10, 2017
Chrome (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Chromium (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Cobalt (Co)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Cobalt (Co)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Conductivity	211 µmhos/cm	M-TIT-1.0	July 07, 2017
Colour	5 Colour units	Sous-traitance\Multilab Direct	July 07, 2017
Copper (Cu)	0.0007 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Copper (Cu)	0.002 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Cyanide W.A.D.	<0.001 mg/L	Sous-traitance\Multilab Direct	July 14, 2017
Total Cyanide (CNT)	0.002 mg/L	Sous-traitance\Multilab Direct	July 14, 2017
Hardness	68 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	July 11, 2017
Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
dissolved Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 11, 2017

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Analytical Report

Lab number: V-65293

Sample name: NP2 WEST KIA

Sampling date: July 05, 2017

Sampling location: NP2 WEST KIA

Sampling hour: 17:30

Parameter	Result	Method name	Analysis date
Iron (Fe)	0.08 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Iron (Fe)	0.02 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Fluoride (F)	0.13 mg/L	Sous-traitance\Multilab Direct	July 14, 2017
Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Total Suspended Solids	<1 mg/L	M-SOLI-1.0	July 10, 2017
Magnesium (Mg)	5.65 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Manganese (Mn)	0.0073 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Manganese (Mn)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	July 12, 2017
Dissolved Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	July 12, 2017
Molybdenum (Mo)	0.0017 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Molybdenum (Mo)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Ammonia NH3 (non-ionized)	<0.05 mg N/L	Sous-traitance\H2Lab inc. (SAM)	July 10, 2017
Nickel (Ni)	0.002 mg/L	Sous-traitance\Multilab Direct	July 20, 2017
Dissolved Nickel (Ni)	0.0031 mg/L	Sous-traitance\Multilab Direct	July 20, 2017
Nitrate (NO3)	0.17 mg N/L	Sous-traitance\Multilab Direct	July 07, 2017
Nitrite (NO2)	<0.01 mg N/L	Sous-traitance\Multilab Direct	July 07, 2017
Ortho-Phosphate (O-PO4)	<0.01 mg P/L	Sous-traitance\Multilab Direct	July 07, 2017
Dissolved oxygen	9.2 mg/L	Sous-traitance\Multilab Direct	July 07, 2017
pH	8.09	M-TIT-1.0	July 07, 2017
Dissolved Phosphorus (P)	<0.04 mg P/L	Sous-traitance\H2Lab inc. (SAM)	July 10, 2017
Total Phosphorus (P)	<0.04 mg P/L	Sous-traitance\H2Lab inc. (SAM)	July 10, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	July 20, 2017
Dissolved Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	July 20, 2017
Potassium (K)	2.02 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Reactive silica (SiO2)	0.62 mg/L	Sous-traitance\Maxxam	July 11, 2017
Sodium (Na)	5.52 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Solids	141 mg/L	M-TIT-1.0	July 07, 2017
Strontium (Sr)	0.079 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
dissolved Strontium (Sr)	0.074 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Sulfate (SO4)	41.0 mg SO4/L	Sous-traitance\Multilab Direct	July 07, 2017
Tellurium (Te)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Thiocyanate (SCN)	<0.05 mg SCN/L	Sous-traitance\Multilab Direct	July 14, 2017
Thiosulfates (S2O3)	<0.02 mg S2O3/L	Sous-traitance\Multilab Direct	July 18, 2017
Titanium (Ti)	0.01 mg/L	Sous-traitance\Multilab Direct	July 11, 2017

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Analytical Report

Lab number: V-65293

Sample name: NP2 WEST KIA

Sampling date: July 05, 2017

Sampling location: NP2 WEST KIA

Sampling hour: 17:30

Parameter	Result	Method name	Analysis date
Dissolved titanium (Ti)	0.02 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Turbidity	1.61 NTU	Sous-traitance\Multilab Direct	July 07, 2017
Uranium (U)	0.001 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Uranium (U)	0.001 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Vanadium (V)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Vanadium	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Zinc (Zn)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Zinc	<0.001 mg/L	Sous-traitance\Multilab Direct	July 11, 2017

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Detection limit

Lab number: V-65293

Sample name: NP2 WEST KIA

Sampling date: July 05, 2017

Sampling location: NP2 WEST KIA

Sampling hour: 17:30

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO ₃ /L	M-TIT-1.0	
Aluminium (Al)	0.006	mg/L	Sous-traitance	
Dissolved Aluminium (Al)	0.006	mg/L	Sous-traitance	
Antimony (Sb)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Antimony (Sb)	0.0001	mg/L	Sous-traitance	
Silver (Ag)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Silver (Ag)	0.0001	mg/L	Sous-traitance	
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Arsenic (As)	0.0005	mg/L	Sous-traitance	
Kjeldahl nitrogen	0.07	mg N/L	Sous-traitance	
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Barium (Ba)	0.0005	mg/L	Sous-traitance	
Beryllium (Be)	0.0005	mg/L	Sous-traitance	
Dissolved Beryllium (Be)	0.0005	mg/L	Sous-traitance	
bicarbonate (HCO ₃)	2	mg CaCO ₃ /L	M-TIT-1.0	
Boron (B)	0.01	mg/L	Sous-traitance	Yes
Dissolved Boron (B)	0.01	mg/L	Sous-traitance	
Bromides	0.01	mg/L	Sous-traitance	
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Dissolved Cadmium (Cd)	0.00002	mg/L	Sous-traitance	
Calcium (Ca)	0.03	mg/L	Sous-traitance	Yes
Carbonate (CO ₃)	2	mg CaCO ₃ /L	M-TIT-1.0	
Dissolved Organic Carbon (D.O.C.)	0.2	mg/L	M-COT-1.0	--
Total Organic Carbon (T.O.C.)	0.2	mg/L	M-COT-1.0	Yes
Chlorophyll A	0.13	µg/L	Sous-traitance	
Chloride	0.5	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Dissolved Chromium (Cr)	0.0006	mg/L	Sous-traitance	
Cobalt (Co)	0.0005	mg/L	Sous-traitance	
Dissolved Cobalt (Co)	0.0005	mg/L	Sous-traitance	
Conductivity	1	µmhos/cm	M-TIT-1.0	Yes
Colour	1	UCV	Sous-traitance	Yes
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Copper (Cu)	0.0005	mg/L	Sous-traitance	
Cyanide W.A.D.	0.001	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO ₃ /L	Sous-traitance	
Tin (Sn)	0.001	mg/L	Sous-traitance	Yes
dissolved Tin (Sn)	0.001	mg/L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes

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Detection limit

Lab number: V-65293

Sample name: NP2 WEST KIA

Sampling date: July 05, 2017

Sampling location: NP2 WEST KIA

Sampling hour: 17:30

Parameter	Value	Unit	Method	Accreditation
Dissolved Iron (Fe)	0.01	mg/L	Sous-traitance	
Fluoride (F)	0.02	mg/L	Sous-traitance	Yes
Lithium (Li)	0.005	mg/L	Sous-traitance	
Dissolved Lithium (Li)	0.005	mg/L	Sous-traitance	
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Magnesium (Mg)	0.02	mg/L	Sous-traitance	Yes
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Manganese (Mn)	0.0005	mg/L	Sous-traitance	
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Dissolved Mercury (Hg)	0.00001	mg/L	Sous-traitance	
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Nickel (Ni)	0.0005	mg/L	Sous-traitance	
Nitrate (NO ₃)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO ₂)	0.01	mg N/L	Sous-traitance	Yes
Ortho-Phosphate (O-PO ₄)	0.01	mg P/L	Sous-traitance	Yes
Dissolved oxygen	0.1	mg/L	Sous-traitance	
pH			M-TIT-1.0	Yes
Total Phosphorus (P)	0.001	mg P/L	Sous-traitance	
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Dissolved Lead (Pb)	0.0003	mg/L	Sous-traitance	
Potassium (K)	0.05	mg/L	Sous-traitance	
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Dissolved Selenium (Se)	0.001	mg/L	Sous-traitance	
Reactive silica (SiO ₂)		mg/L	Sous-traitance	
Sodium (Na)	0.05	mg/L	Sous-traitance	Yes
Dissolved Solids	1	mg/L	M-TIT-1.0	
Strontium (Sr)	0.005	mg/L	Sous-traitance	
dissolved Strontium (Sr)	0.005	mg/L	Sous-traitance	
Sulfate (SO ₄)	0.6	mg SO ₄ /L	Sous-traitance	Yes
Tellurium (Te)	0.0005	mg/L	Sous-traitance	
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Dissolved thallium (Tl)	0.0008	mg/L	Sous-traitance	
Thiocyanate (SCN)	0.05	mg SCN/L	Sous-traitance	Yes
Thiosulfates (S ₂ O ₃)	0.02	mg S ₂ O ₃ /L	Sous-traitance	Yes
Titanium (Ti)	0.01	mg/L	Sous-traitance	
Dissolved titanium (Ti)	0.01	mg/L	Sous-traitance	
Turbidity	0.02	UTN	Sous-traitance	Yes
Uranium (U)	0.001	mg/L	Sous-traitance	

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Detection limit

Lab number: V-65293

Sample name: NP2 WEST KIA

Sampling date: July 05, 2017

Sampling location: NP2 WEST KIA

Sampling hour: 17:30

Parameter	Value	Unit	Method	Accreditation
Dissolved Uranium (U)	0.001	mg/L	Sous-traitance	
Vanadium (V)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Vanadium	0.0005	mg/L	Sous-traitance	
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes
Dissolved Zinc	0.001	mg/L	Sous-traitance	

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Quality control Report

Lab number: V-65293

Sample name: NP2 WEST KIA

Sampling date: July 05, 2017

Sampling location: NP2 WEST KIA

Sampling hour: 17:30

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 144 Accuracy 99.3% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006 Standard name C00-046-705_X_1000 Result 0.972 Accuracy 97.2% Limit 0.800 - 1.200 Sample duplicate 0.033-0.034
Dissolved Aluminium (Al) mg/L	Blank <0.006 Standard name C00-046-705_X_1000 Result 1.03 Accuracy 97% Limit 0.800 - 1.200
Antimony (Sb) mg/L	Blank <0.0001 Standard name C00-046-705_X_1000 Result 0.0108 Accuracy 92% Limit 0.0080 - 0.0120 Sample duplicate <0.0001-<0.0001
Dissolved Antimony (Sb) mg/L	Blank <0.0001 Standard name C00-046-705_X_1000 Result 0.0109 Accuracy 91% Limit 0.0080 - 0.0120
Silver (Ag) mg/L	Blank <0.0001 Standard name DMR-0013-2017-Ag Result 0.0434 Accuracy 97.6% Limit 0.0339 - 0.0509 Sample duplicate <0.0001-<0.0001
Dissolved Silver (Ag) mg/L	Blank <0.0001 Standard name DMR-0013-2017-Ag Result 0.0420 Accuracy 99.1% Limit 0.0339 - 0.0509
Arsenic (As) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0953

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Quality control Report

Lab number: V-65293

Sample name: NP2 WEST KIA

Sampling date: July 05, 2017

Sampling location: NP2 WEST KIA

Sampling hour: 17:30

Parameter	
Dissolved Arsenic (As) mg/L	Accuracy 95.3%
	Limit 0.0700 - 0.1300
	Sample duplicate <0.0005-<0.0005
	Blank <0.0005
	Standard name C00-046-705_X_1000
Barium (Ba) mg/L	Result 0.0973
	Accuracy 97.3%
	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name C00-046-705_X_1000
Dissolved Barium (Ba) mg/L	Result 0.0902
	Accuracy 90.2%
	Limit 0.0800 - 0.1200
	Sample duplicate 0.0026-0.0026
	Blank <0.0005
Beryllium (Be) mg/L	Standard name C00-046-705_X_1000
	Result 0.0937
	Accuracy 93.7%
	Limit 0.0800 - 0.1200
	Blank <0.0005
Dissolved Beryllium (Be) mg/L	Standard name C00-046-705_X_1000
	Result 0.0957
	Accuracy 95.7%
	Limit 0.0800 - 0.1200
	Sample duplicate <0.0005-<0.0005
Boron (B) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1026
	Accuracy 97.4%
	Limit 0.0800 - 0.1200
Dissolved Boron (B) mg/L	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.01
	Accuracy 99%
	Limit 0.800 - 1.200
Dissolved Boron (B) mg/L	Sample duplicate <0.01-<0.01
	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.09
	Accuracy 91%

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Quality control Report

Lab number: V-65293

Sample name: NP2 WEST KIA

Sampling date: July 05, 2017

Sampling location: NP2 WEST KIA

Sampling hour: 17:30

Parameter	
Bromides mg/L	Limit 0.800 - 1.200
	Blank <0.01
	Standard name DMR-0119-2017-Br
	Result 4.69
	Accuracy 83.3%
Cadmium (Cd) mg/L	Limit 4.50 - 6.76
	Blank <0.00002
	Standard name C00-046-705_X_1000
	Result 0.09853
	Accuracy 98.5%
Dissolved Cadmium (Cd) mg/L	Limit 0.0800 - 0.1200
	Sample duplicate <0.00002-<0.00002
	Blank <0.00002
	Standard name C00-046-705_X_1000
	Result 0.10155
Calcium (Ca) mg/L	Accuracy 98.4%
	Limit 0.0800 - 0.1200
	Blank <0.03
	Standard name C00-046-705_X_1000
	Result 0.97
Dissolved Organic Carbon (D.O.C.) mg/L	Accuracy 97%
	Limit 0.800 - 1.200
	Sample duplicate 18.1-18.4
	Blank <0.2
	Standard name COD 10mg/L
Total Organic Carbon (T.O.C.) mg/L	Result 10
	Accuracy 100%
	Limit 8 - 12
	Blank <0.2
	Standard name COT 10mg/L
Chloride mg/L	Result 10
	Accuracy 100%
	Limit 8 - 12
	Blank <0.5
	Standard name DMR-0266-2017-Cl
Chrome (Cr) mg/L	Result 112
	Accuracy 96.3%
	Limit 95 - 121
	Blank <0.0006
	Standard name C00-046-705_X_1000

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Quality control Report

Lab number: V-65293

Sample name: NP2 WEST KIA

Sampling date: July 05, 2017

Sampling location: NP2 WEST KIA

Sampling hour: 17:30

Parameter	
	Result 0.1066
	Accuracy 93.4%
	Limit 0.0800 - 0.1200
	Sample duplicate <0.0006-<0.0006
Dissolved Chromium (Cr) mg/L	Blank <0.0006
	Standard name C00-046-705_X_1000
	Result 0.1117
	Accuracy 88.3%
	Limit 0.0800 - 0.1200
Cobalt (Co) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1052
	Accuracy 94.8%
	Limit 0.0800 - 0.1200
	Sample duplicate <0.0005-<0.0005
Dissolved Cobalt (Co) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1102
	Accuracy 89.8%
	Limit 0.0800 - 0.1200
Conductivity µmhos/cm	Standard name STD cond maison
	Result 1408
	Accuracy 99.5%
	Limit 1203 - 1627
Colour UCV	Blank <1
	Standard name DMR-0266-2017-Coul
	Result 21
	Accuracy 90.1%
	Limit 14.8 - 23.4
	Sample duplicate 5-5
Copper (Cu) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1067
	Accuracy 93.3%
	Limit 0.0800 - 0.1200
	Sample duplicate 0.0007-0.0006
Dissolved Copper (Cu) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1107
	Accuracy 89.3%

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Quality control Report

Lab number: V-65293

Sample name: NP2 WEST KIA

Sampling date: July 05, 2017

Sampling location: NP2 WEST KIA

Sampling hour: 17:30

Parameter	
Cyanide W.A.D. mg/L	Limit 0.0800 - 0.1200
	Blank <0.001
	Standard name DMR-0266-CNT
	Result 0.124
	Accuracy 100%
Total Cyanide (CNT) mg/L	Limit 0.105 - 0.143
	Blank <0.001
	Standard name DMR-0266-CNT
	Result 0.242
	Accuracy 99.6%
Hardness mg CaCO3/L Tin (Sn) mg/L	Limit 0.205 - 0.277
	Sample duplicate 68-69
	Blank <0.001
	Standard name DMR-0310-2016-Sn
	Result 10.06
dissolved Tin (Sn) mg/L	Accuracy 89.1%
	Limit 7.26 - 10.88
	Sample duplicate <0.001-<0.001
	Blank <0.001
	Standard name DMR-0310-2016-Sn
Iron (Fe) mg/L	Result 10.16
	Accuracy 88%
	Limit 6.35 - 11.79
	Blank <0.01
	Standard name C00-046-705_X_1000
Dissolved Iron (Fe) mg/L	Result 1.14
	Accuracy 86%
	Limit 0.800 - 1.200
	Sample duplicate 0.08-0.08
	Blank <0.01
Fluoride (F) mg/L	Standard name C00-046-705_X_1000
	Result 1.16
	Accuracy 84%
	Limit 0.800 - 1.200
	Blank <0.02
Lithium (Li) mg/L	Standard name DMR-0266-2017-F
	Result 2.42
	Accuracy 94.8%
	Limit 2.13 - 2.47
	Blank <0.005

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Quality control Report

Lab number: V-65293

Sample name: NP2 WEST KIA

Sampling location: NP2 WEST KIA

Sampling date: July 05, 2017

Sampling hour: 17:30

Parameter	
	Standard name DMR-0219-2017-Eu
	Result 0.796
	Accuracy 94.1%
	Limit 0.677 - 1.015
Dissolved Lithium (Li) mg/L	Blank <0.005
	Standard name DMR-0219-2017-Eu
	Result 0.784
	Accuracy 92.7%
	Limit 0.677 - 1.015
	Sample duplicate <0.005-<0.005
Total Suspended Solids mg/L	Blank <1
	Standard name STD-MES 25mg/L
	Result 26
	Accuracy 96%
	Limit 19 - 31
Magnesium (Mg) mg/L	Blank <0.02
	Standard name C00-046-705_X_1000
	Result 1.08
	Accuracy 92%
	Limit 0.800 - 1.200
	Sample duplicate 5.65-5.75
Manganese (Mn) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1072
	Accuracy 92.8%
	Limit 0.0800 - 0.1200
	Sample duplicate 0.0073-0.0072
Dissolved Manganese (Mn) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1129
	Accuracy 87.1%
	Limit 0.0800 - 0.1200
Mercury (Hg) mg/L	Blank <0.00001
	Standard name DMR-0266-2017-HgEu
	Result 0.00064
	Accuracy 91.4%
	Limit 0.00042 - 0.00098
Dissolved Mercury (Hg) mg/L	Blank <0.00001
	Standard name DMR-0266-2017-HgEu
	Result 0.00059

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Quality control Report

Lab number: V-65293

Sample name: NP2 WEST KIA

Sampling location: NP2 WEST KIA

Sampling date: July 05, 2017

Sampling hour: 17:30

Parameter	
Molybdenum (Mo) mg/L	Accuracy 84.3%
	Limit 0.00042 - 0.00098
	Sample duplicate <0.00001-<0.00001
	Blank <0.0005
	Standard name C00-046-705_X_1000
Dissolved Molybdenum (Mo) mg/L	Result 0.1029
	Accuracy 97.1%
	Limit 0.0800 - 0.1200
	Sample duplicate 0.0017-0.0016
	Blank <0.0005
Nickel (Ni) mg/L	Standard name C00-046-705_X_1000
	Result 0.1046
	Accuracy 95.4%
	Limit 0.0800 - 0.1200
	Blank <0.0005
Dissolved Nickel (Ni) mg/L	Standard name DMR-0219-2017-Eu
	Result 1.049
	Accuracy 92%
	Limit 0.91 - 1.37
	Blank <0.0005
Nitrate (NO3) mg N/L	Standard name DMR-0219-2017-Eu
	Result 1.049
	Accuracy 92%
	Limit 0.91 - 1.37
	Blank <0.01
Nitrite (NO2) mg N/L	Sample duplicate 0.17-0.16
	Blank <0.01
	Standard name DMR-0266-2017-NO2-2
	Result 2.70
	Accuracy 99.6%
Ortho-Phosphate (O-PO4) mg P/L	Limit 2.30 - 3.12
	Sample duplicate <0.01-<0.01
	Blank <0.01
	Standard name DMR-0266-2017-OPO4
	Result 0.52
pH	Accuracy 88.1%
	Limit 0.52 - 0.66
	Sample duplicate <0.01-<0.01
	Standard name STD pH 7.0
	Result 6.98

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Quality control Report

Lab number: V-65293

Sample name: NP2 WEST KIA

Sampling date: July 05, 2017

Sampling location: NP2 WEST KIA

Sampling hour: 17:30

Parameter	
Lead (Pb) mg/L	Accuracy 99.7%
	Limit 6.96 - 7.04
	Blank <0.0003
	Standard name DMR-0219-2017-Eu
	Result 0.8596
Dissolved Lead (Pb) mg/L	Accuracy 95.2%
	Limit 0.722 - 1.084
	Blank <0.0003
	Standard name DMR-0219-2017-Eu
	Result 0.8596
Potassium (K) mg/L	Accuracy 95.2%
	Limit 0.722 - 1.084
	Blank <0.05
	Standard name C00-046-705_X_1000
	Result 1.06
Selenium (Se) mg/L	Accuracy 94%
	Limit 0.800 - 1.200
	Sample duplicate 2.02-2.08
	Blank <0.001
	Standard name C00-046-705_X_1000
Dissolved Selenium (Se) mg/L	Result 0.095
	Accuracy 95%
	Limit 0.0800 - 0.1200
	Sample duplicate <0.001-<0.001
	Blank <0.001
Sodium (Na) mg/L	Standard name C00-046-705_X_1000
	Result 0.097
	Accuracy 97%
	Limit 0.0800 - 0.1200
	Blank <0.05
Strontium (Sr) mg/L	Standard name C00-046-705_X_1000
	Result 1.16
	Accuracy 84%
	Limit 0.800 - 1.200
	Sample duplicate 5.52-5.70
Strontium (Sr) mg/L	Blank <0.005
	Standard name DMR-0219-2017-Eu
	Result 1.25
	Accuracy 98.4%
	Limit 0.98 - 1.48

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Quality control Report

Lab number: V-65293

Sample name: NP2 WEST KIA

Sampling date: July 05, 2017

Sampling location: NP2 WEST KIA

Sampling hour: 17:30

Parameter

dissolved Strontium (Sr) mg/L	Blank <0.005 Standard name DMR-0219-2017-Eu Result 1.25 Accuracy 98.4% Limit 0.98 - 1.48
Sulfate (SO4) mg SO4/L	Sample duplicate 0.074-0.075 Blank <0.6 Standard name DMR-0266-2017-SO4 Result 116 Accuracy 94.3% Limit 114 - 132
Tellurium (Te) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0990 Accuracy 99% Limit 0.0800 - 0.1200
Thallium (Tl) mg/L	Sample duplicate <0.0005-<0.0005 Blank <0.0008 Standard name Tl-S140909023-1000ppm Result 914 Accuracy 91.4% Limit 800 - 1200
Dissolved thallium (Tl) mg/L	Blank <0.0008 Standard name Tl-S140909023-1000ppm Result 910 Accuracy 91% Limit 800 - 1200
Thiocyanate (SCN) mg SCN/L	Sample duplicate <0.0008-<0.0008 Blank <0.05 Standard name STD SCN 568ppm Result 577 Accuracy 98.4% Limit 398 - 738
Titanium (Ti) mg/L	Blank <0.01 Sample duplicate 0.01-0.01
Dissolved titanium (Ti) mg/L	Blank <0.01
Turbidity UTN	Standard name DMR-0266-2017-Turb Result 5.16 Accuracy 99.4% Limit 4.41 - 5.97

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Quality control Report

Lab number: V-65293

Sample name: NP2 WEST KIA

Sampling date: July 05, 2017

Sampling location: NP2 WEST KIA

Sampling hour: 17:30

Parameter

Uranium (U) mg/L
Sample duplicate 1.61-1.63
Blank <0.001
Standard name C00-046-705_X_1000
Result 0.108
Accuracy 92%

Limit 0.0800 - 0.1200

Dissolved Uranium (U) mg/L
Sample duplicate 0.001-0.001
Blank <0.001
Standard name C00-046-705_X_1000
Result 0.109

Accuracy 91%

Limit 0.0800 - 0.1200

Vanadium (V) mg/L
Blank <0.0005
Standard name C00-046-705_X_1000
Result 0.1055

Accuracy 94.5%

Limit 0.0800 - 0.1200

Dissolved Vanadium mg/L
Sample duplicate <0.0005-<0.0005
Blank <0.0005
Standard name C00-046-705_X_1000

Result 0.1123

Accuracy 87.7%

Limit 0.0800 - 0.1200

Zinc (Zn) mg/L
Blank <0.001
Standard name C00-046-705_X_1000

Result 0.101

Accuracy 99%

Limit 0.0800 - 0.1200

Dissolved Zinc mg/L
Sample duplicate <0.001-<0.001
Blank <0.001

Standard name C00-046-705_X_1000

Result 0.100

Accuracy 100%

Limit 0.0800 - 0.1200

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Additional information

Lab number: V-65293

Sample name: NP2 WEST KIA

Sampling location: NP2 WEST KIA

Sampling date: July 05, 2017

Sampling hour: 17:30

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-CL-2.0	MA.300-Ions 1.3
M-COUL-1.0	MA.103-Col. 2.0
M-CN-1.0	MA.300-CN 1.2
M-CI-1.0	MA.300-Anions 1.0
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-P-2.0	MA.303-P 1.1
M-SULF-2.0	MA.300-Ions 1.3
M-TURB-1.0	MA.103-Tur. 1.0

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-65295

Sampling location: NP1 WEST KIA

Sampling date: July 05, 2017

Sample name: NP1 WEST KIA

Sampling hour: 13:15

Sampled by: Tom T

Date received: July 07, 2017

Matrix: Water

Reported on: July 27, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Lab number: V-65295

Sample name: NP1 WEST KIA

Sampling date: July 05, 2017

Sampling location: NP1 WEST KIA

Sampling hour: 13:15

Parameter	Result	Method name	Analysis date
Alkalinity	55 mg CaCO ₃ /L	M-TIT-1.0	July 07, 2017
Aluminium (Al)	0.014 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Aluminium (Al)	0.009 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Antimony (Sb)	<0.0001 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Antimony (Sb)	<0.0001 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	0.06 mg N/L	Sous-traitance\H2Lab inc. (SAM)	July 10, 2017
Kjeldahl nitrogen	0.48 mg N/L	Sous-traitance\H2Lab inc. (SAM)	July 14, 2017
Barium (Ba)	0.0031 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Barium (Ba)	0.0012 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
bicarbonate (HCO ₃)	55 mg CaCO ₃ /L	M-TIT-1.0	July 07, 2017
Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Bromides	0.03 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Calcium (Ca)	20.8 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Carbonate (CO ₃)	<2 mg CaCO ₃ /L	M-TIT-1.0	July 07, 2017
Dissolved Organic Carbon (D.O.C.)	5.3 mg/L	M-COT-1.0	July 07, 2017
Total Organic Carbon (T.O.C.)	5.3 mg/L	M-COT-1.0	July 07, 2017
Chlorophyll A	1.1 µg/L	Sous-traitance\H2Lab inc. (SAM)	July 26, 2017
Chloride	7.1 mg/L	Sous-traitance\Multilab Direct	July 10, 2017
Chrome (Cr)	0.0007 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Chromium (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Cobalt (Co)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Cobalt (Co)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Conductivity	170 µmhos/cm	M-TIT-1.0	July 07, 2017
Colour	4 Colour units	Sous-traitance\Multilab Direct	July 07, 2017
Copper (Cu)	0.0026 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Copper (Cu)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Cyanide W.A.D.	<0.001 mg/L	Sous-traitance\Multilab Direct	July 14, 2017
Total Cyanide (CNT)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 14, 2017
Hardness	80 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	July 11, 2017
Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
dissolved Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 11, 2017

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Analytical Report

Lab number: V-65295

Sample name: NP1 WEST KIA

Sampling date: July 05, 2017

Sampling location: NP1 WEST KIA

Sampling hour: 13:15

Parameter	Result	Method name	Analysis date
Iron (Fe)	0.11 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Iron (Fe)	0.01 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Fluoride (F)	0.16 mg/L	Sous-traitance\Multilab Direct	July 14, 2017
Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Total Suspended Solids	2 mg/L	M-SOLI-1.0	July 10, 2017
Magnesium (Mg)	6.95 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Manganese (Mn)	0.0166 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Manganese (Mn)	0.0007 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	July 12, 2017
Dissolved Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	July 12, 2017
Molybdenum (Mo)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Molybdenum (Mo)	0.0012 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Ammonia NH3 (non-ionized)	<0.05 mg N/L	Sous-traitance\H2Lab inc. (SAM)	July 10, 2017
Nickel (Ni)	0.0046 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Nickel (Ni)	0.0016 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Nitrate (NO3)	0.10 mg N/L	Sous-traitance\Multilab Direct	July 07, 2017
Nitrite (NO2)	<0.01 mg N/L	Sous-traitance\Multilab Direct	July 07, 2017
Ortho-Phosphate (O-PO4)	<0.01 mg P/L	Sous-traitance\Multilab Direct	July 07, 2017
Dissolved oxygen	9.0 mg/L	Sous-traitance\Multilab Direct	July 07, 2017
pH	8.05	M-TIT-1.0	July 07, 2017
Dissolved Phosphorus (P)	<0.04 mg P/L	Sous-traitance\H2Lab inc. (SAM)	July 10, 2017
Total Phosphorus (P)	<0.04 mg P/L	Sous-traitance\H2Lab inc. (SAM)	July 10, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	July 20, 2017
Dissolved Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	July 20, 2017
Potassium (K)	2.53 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Reactive silica (SiO2)	0.41 mg/L	Sous-traitance\Maxxam	July 11, 2017
Sodium (Na)	10.7 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Solids	113 mg/L	M-TIT-1.0	July 07, 2017
Strontium (Sr)	0.077 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
dissolved Strontium (Sr)	0.077 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Sulfate (SO4)	23.9 mg SO4/L	Sous-traitance\Multilab Direct	July 07, 2017
Tellurium (Te)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Thiocyanate (SCN)	<0.05 mg SCN/L	Sous-traitance\Multilab Direct	July 14, 2017
Thiosulfates (S2O3)	<0.02 mg S2O3/L	Sous-traitance\Multilab Direct	July 18, 2017
Titanium (Ti)	0.02 mg/L	Sous-traitance\Multilab Direct	July 11, 2017

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Analytical Report

Lab number: V-65295

Sample name: NP1 WEST KIA

Sampling date: July 05, 2017

Sampling location: NP1 WEST KIA

Sampling hour: 13:15

Parameter	Result	Method name	Analysis date
Dissolved titanium (Ti)	0.01 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Turbidity	1.34 NTU	Sous-traitance\Multilab Direct	July 07, 2017
Uranium (U)	0.001 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Uranium (U)	0.001 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Vanadium (V)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Vanadium	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Zinc (Zn)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Zinc	<0.001 mg/L	Sous-traitance\Multilab Direct	July 11, 2017

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Detection limit

Lab number: V-65295

Sample name: NP1 WEST KIA

Sampling date: July 05, 2017

Sampling location: NP1 WEST KIA

Sampling hour: 13:15

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO ₃ /L	M-TIT-1.0	
Aluminium (Al)	0.006	mg/L	Sous-traitance	
Dissolved Aluminium (Al)	0.006	mg/L	Sous-traitance	
Antimony (Sb)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Antimony (Sb)	0.0001	mg/L	Sous-traitance	
Silver (Ag)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Silver (Ag)	0.0001	mg/L	Sous-traitance	
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Arsenic (As)	0.0005	mg/L	Sous-traitance	
Kjeldahl nitrogen	0.07	mg N/L	Sous-traitance	
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Barium (Ba)	0.0005	mg/L	Sous-traitance	
Beryllium (Be)	0.0005	mg/L	Sous-traitance	
Dissolved Beryllium (Be)	0.0005	mg/L	Sous-traitance	
bicarbonate (HCO ₃)	2	mg CaCO ₃ /L	M-TIT-1.0	
Boron (B)	0.01	mg/L	Sous-traitance	Yes
Dissolved Boron (B)	0.01	mg/L	Sous-traitance	
Bromides	0.01	mg/L	Sous-traitance	
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Dissolved Cadmium (Cd)	0.00002	mg/L	Sous-traitance	
Calcium (Ca)	0.03	mg/L	Sous-traitance	Yes
Carbonate (CO ₃)	2	mg CaCO ₃ /L	M-TIT-1.0	
Dissolved Organic Carbon (D.O.C.)	0.2	mg/L	M-COT-1.0	--
Total Organic Carbon (T.O.C.)	0.2	mg/L	M-COT-1.0	Yes
Chlorophyll A	0.13	µg/L	Sous-traitance	
Chloride	0.5	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Dissolved Chromium (Cr)	0.0006	mg/L	Sous-traitance	
Cobalt (Co)	0.0005	mg/L	Sous-traitance	
Dissolved Cobalt (Co)	0.0005	mg/L	Sous-traitance	
Conductivity	1	µmhos/cm	M-TIT-1.0	Yes
Colour	1	UCV	Sous-traitance	Yes
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Copper (Cu)	0.0005	mg/L	Sous-traitance	
Cyanide W.A.D.	0.001	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO ₃ /L	Sous-traitance	
Tin (Sn)	0.001	mg/L	Sous-traitance	Yes
dissolved Tin (Sn)	0.001	mg/L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes

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Detection limit

Lab number: V-65295

Sample name: NP1 WEST KIA

Sampling date: July 05, 2017

Sampling location: NP1 WEST KIA

Sampling hour: 13:15

Parameter	Value	Unit	Method	Accreditation
Dissolved Iron (Fe)	0.01	mg/L	Sous-traitance	
Fluoride (F)	0.02	mg/L	Sous-traitance	Yes
Lithium (Li)	0.005	mg/L	Sous-traitance	
Dissolved Lithium (Li)	0.005	mg/L	Sous-traitance	
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Magnesium (Mg)	0.02	mg/L	Sous-traitance	Yes
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Manganese (Mn)	0.0005	mg/L	Sous-traitance	
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Dissolved Mercury (Hg)	0.00001	mg/L	Sous-traitance	
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Nickel (Ni)	0.0005	mg/L	Sous-traitance	
Nitrate (NO ₃)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO ₂)	0.01	mg N/L	Sous-traitance	Yes
Ortho-Phosphate (O-PO ₄)	0.01	mg P/L	Sous-traitance	Yes
Dissolved oxygen	0.1	mg/L	Sous-traitance	
pH			M-TIT-1.0	Yes
Total Phosphorus (P)	0.001	mg P/L	Sous-traitance	
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Dissolved Lead (Pb)	0.0003	mg/L	Sous-traitance	
Potassium (K)	0.05	mg/L	Sous-traitance	
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Dissolved Selenium (Se)	0.001	mg/L	Sous-traitance	
Reactive silica (SiO ₂)		mg/L	Sous-traitance	
Sodium (Na)	0.05	mg/L	Sous-traitance	Yes
Dissolved Solids	1	mg/L	M-TIT-1.0	
Strontium (Sr)	0.005	mg/L	Sous-traitance	
dissolved Strontium (Sr)	0.005	mg/L	Sous-traitance	
Sulfate (SO ₄)	0.6	mg SO ₄ /L	Sous-traitance	Yes
Tellurium (Te)	0.0005	mg/L	Sous-traitance	
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Dissolved thallium (Tl)	0.0008	mg/L	Sous-traitance	
Thiocyanate (SCN)	0.05	mg SCN/L	Sous-traitance	Yes
Thiosulfates (S ₂ O ₃)	0.02	mg S ₂ O ₃ /L	Sous-traitance	Yes
Titanium (Ti)	0.01	mg/L	Sous-traitance	
Dissolved titanium (Ti)	0.01	mg/L	Sous-traitance	
Turbidity	0.02	UTN	Sous-traitance	Yes
Uranium (U)	0.001	mg/L	Sous-traitance	

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Detection limit

Lab number: V-65295

Sample name: NP1 WEST KIA

Sampling date: July 05, 2017

Sampling location: NP1 WEST KIA

Sampling hour: 13:15

Parameter	Value	Unit	Method	Accreditation
Dissolved Uranium (U)	0.001	mg/L	Sous-traitance	
Vanadium (V)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Vanadium	0.0005	mg/L	Sous-traitance	
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes
Dissolved Zinc	0.001	mg/L	Sous-traitance	

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Quality control Report

Lab number: V-65295

Sample name: NP1 WEST KIA

Sampling date: July 05, 2017

Sampling location: NP1 WEST KIA

Sampling hour: 13:15

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 144 Accuracy 99.3% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006
	Standard name C00-046-705_X_1000 Result 0.972 Accuracy 97.2% Limit 0.800 - 1.200
Dissolved Aluminium (Al) mg/L	Blank <0.006
	Standard name C00-046-705_X_1000 Result 1.03 Accuracy 97% Limit 0.800 - 1.200
Antimony (Sb) mg/L	Blank <0.0001
	Standard name C00-046-705_X_1000 Result 0.0108 Accuracy 92% Limit 0.0080 - 0.0120
Dissolved Antimony (Sb) mg/L	Blank <0.0001
	Standard name C00-046-705_X_1000 Result 0.0109 Accuracy 91% Limit 0.0080 - 0.0120
Silver (Ag) mg/L	Blank <0.0001
	Standard name DMR-0013-2017-Ag Result 0.0434 Accuracy 97.6% Limit 0.0339 - 0.0509
Dissolved Silver (Ag) mg/L	Blank <0.0001
	Standard name DMR-0013-2017-Ag Result 0.0420 Accuracy 99.1% Limit 0.0339 - 0.0509
Arsenic (As) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000 Result 0.0953 Accuracy 95.3% Limit 0.0700 - 0.1300
Dissolved Arsenic (As) mg/L	Blank <0.0005

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Quality control Report

Lab number: V-65295

Sample name: NP1 WEST KIA

Sampling location: NP1 WEST KIA

Sampling date: July 05, 2017

Sampling hour: 13:15

Parameter	
	Standard name C00-046-705_X_1000
	Result 0.0973
	Accuracy 97.3%
	Limit 0.0800 - 0.1200
Barium (Ba) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0902
	Accuracy 90.2%
	Limit 0.0800 - 0.1200
Dissolved Barium (Ba) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0937
	Accuracy 93.7%
	Limit 0.0800 - 0.1200
Beryllium (Be) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0957
	Accuracy 95.7%
	Limit 0.0800 - 0.1200
Dissolved Beryllium (Be) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1026
	Accuracy 97.4%
	Limit 0.0800 - 0.1200
Boron (B) mg/L	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.01
	Accuracy 99%
	Limit 0.800 - 1.200
Dissolved Boron (B) mg/L	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.09
	Accuracy 91%
	Limit 0.800 - 1.200
Bromides mg/L	Blank <0.01
	Standard name DMR-0119-2017-Br
	Result 4.69
	Accuracy 83.3%
	Limit 4.50 - 6.76
Cadmium (Cd) mg/L	Blank <0.00002

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Quality control Report

Lab number: V-65295

Sample name: NP1 WEST KIA

Sampling date: July 05, 2017

Sampling location: NP1 WEST KIA

Sampling hour: 13:15

Parameter	
	Standard name C00-046-705_X_1000
	Result 0.09853
	Accuracy 98.5%
	Limit 0.0800 - 0.1200
Dissolved Cadmium (Cd) mg/L	Blank <0.00002
	Standard name C00-046-705_X_1000
	Result 0.10155
	Accuracy 98.4%
	Limit 0.0800 - 0.1200
Calcium (Ca) mg/L	Blank <0.03
	Standard name C00-046-705_X_1000
	Result 0.97
	Accuracy 97%
	Limit 0.800 - 1.200
Dissolved Organic Carbon (D.O.C.) mg/L	Blank <0.2
	Standard name COD 10mg/L
	Result 10
	Accuracy 100%
	Limit 8 - 12
Total Organic Carbon (T.O.C.) m	Blank <0.2
	Standard name COT 10mg/L
	Result 10
	Accuracy 100%
	Limit 8 - 12
Chloride mg/L	Blank <0.5
	Standard name DMR-0266-2017-CI
	Result 112
	Accuracy 96.3%
	Limit 95 - 121
Chrome (Cr) mg/L	Blank <0.0006
	Standard name C00-046-705_X_1000
	Result 0.1066
	Accuracy 93.4%
	Limit 0.0800 - 0.1200
Dissolved Chromium (Cr) mg/L	Blank <0.0006
	Standard name C00-046-705_X_1000
	Result 0.1117
	Accuracy 88.3%
	Limit 0.0800 - 0.1200
Cobalt (Co) mg/L	Blank <0.0005

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Quality control Report

Lab number: V-65295

Sample name: NP1 WEST KIA

Sampling date: July 05, 2017

Sampling location: NP1 WEST KIA

Sampling hour: 13:15

Parameter	
	Standard name C00-046-705_X_1000
	Result 0.1052
	Accuracy 94.8%
	Limit 0.0800 - 0.1200
Dissolved Cobalt (Co) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1102
	Accuracy 89.8%
	Limit 0.0800 - 0.1200
Conductivity µmhos/cm	Standard name STD cond maison
	Result 1408
	Accuracy 99.5%
	Limit 1203 - 1627
Colour UCV	Blank <1
	Standard name DMR-0266-2017-Coul
	Result 21
	Accuracy 90.1%
	Limit 14.8 - 23.4
Copper (Cu) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1067
	Accuracy 93.3%
	Limit 0.0800 - 0.1200
Dissolved Copper (Cu) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1107
	Accuracy 89.3%
	Limit 0.0800 - 0.1200
Cyanide W.A.D. mg/L	Blank <0.001
	Standard name DMR-0266-CNT
	Result 0.124
	Accuracy 100%
	Limit 0.105 - 0.143
Total Cyanide (CNT) mg/L	Blank <0.001
	Standard name DMR-0266-CNT
	Result 0.242
	Accuracy 99.6%
	Limit 0.205 - 0.277
Tin (Sn) mg/L	Blank <0.001
	Standard name DMR-0310-2016-Sn

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Quality control Report

Lab number: V-65295

Sample name: NP1 WEST KIA

Sampling date: July 05, 2017

Sampling location: NP1 WEST KIA

Sampling hour: 13:15

Parameter	
dissolved Tin (Sn) mg/L	Result 10.06
	Accuracy 89.1%
	Limit 7.26 - 10.88
	Blank <0.001
	Standard name DMR-0310-2016-Sn
Iron (Fe) mg/L	Result 10.16
	Accuracy 88%
	Limit 6.35 - 11.79
	Blank <0.01
	Standard name C00-046-705_X_1000
Dissolved Iron (Fe) mg/L	Result 1.14
	Accuracy 86%
	Limit 0.800 - 1.200
	Blank <0.01
	Standard name C00-046-705_X_1000
Fluoride (F) mg/L	Result 1.16
	Accuracy 84%
	Limit 0.800 - 1.200
	Blank <0.02
	Standard name DMR-0266-2017-F
Lithium (Li) mg/L	Result 2.42
	Accuracy 94.8%
	Limit 2.13 - 2.47
	Blank <0.005
	Standard name DMR-0219-2017-Eu
Dissolved Lithium (Li) mg/L	Result 0.796
	Accuracy 94.1%
	Limit 0.677 - 1.015
	Blank <0.005
	Standard name DMR-0219-2017-Eu
Total Suspended Solids mg/L	Result 0.784
	Accuracy 92.7%
	Limit 0.677 - 1.015
	Blank <1
	Standard name STD-MES 25mg/L
Magnesium (Mg) mg/L	Result 26
	Accuracy 96%
	Limit 19 - 31
	Blank <0.02
	Standard name C00-046-705_X_1000

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Quality control Report

Lab number: V-65295

Sample name: NP1 WEST KIA

Sampling date: July 05, 2017

Sampling location: NP1 WEST KIA

Sampling hour: 13:15

Parameter	
Manganese (Mn) mg/L	Result 1.08
	Accuracy 92%
	Limit 0.800 - 1.200
	Blank <0.0005
	Standard name C00-046-705_X_1000
Dissolved Manganese (Mn) mg/L	Result 0.1072
	Accuracy 92.8%
	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name C00-046-705_X_1000
Mercury (Hg) mg/L	Result 0.1129
	Accuracy 87.1%
	Limit 0.0800 - 0.1200
	Blank <0.00001
	Standard name DMR-0266-2017-HgEu
Dissolved Mercury (Hg) mg/L	Result 0.00064
	Accuracy 91.4%
	Limit 0.00042 - 0.00098
	Blank <0.00001
	Standard name DMR-0266-2017-HgEu
Molybdenum (Mo) mg/L	Result 0.00059
	Accuracy 84.3%
	Limit 0.00042 - 0.00098
	Blank <0.0005
	Standard name C00-046-705_X_1000
Dissolved Molybdenum (Mo) mg/L	Result 0.1029
	Accuracy 97.1%
	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name C00-046-705_X_1000
Nickel (Ni) mg/L	Result 0.1046
	Accuracy 95.4%
	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name C00-046-705_X_1000
Dissolved Nickel (Ni) mg/L	Result 0.0989
	Accuracy 98.9%
	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name C00-046-705_X_1000

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Quality control Report

Lab number: V-65295

Sample name: NP1 WEST KIA

Sampling date: July 05, 2017

Sampling location: NP1 WEST KIA

Sampling hour: 13:15

Parameter	
	Result 0.1041
	Accuracy 95.9%
	Limit 0.0800 - 0.1200
Nitrate (NO3) mg N/L	Blank <0.01
Nitrite (NO2) mg N/L	Blank <0.01
	Standard name DMR-0266-2017-NO2-2
	Result 2.70
	Accuracy 99.6%
	Limit 2.30 - 3.12
Ortho-Phosphate (O-PO4) mg P/L	Blank <0.01
	Standard name DMR-0266-2017-OPO4
	Result 0.52
	Accuracy 88.1%
	Limit 0.52 - 0.66
pH	Standard name STD pH 7.0
	Result 6.98
	Accuracy 99.7%
	Limit 6.96 - 7.04
Lead (Pb) mg/L	Blank <0.0003
	Standard name DMR-0219-2017-Eu
	Result 0.8596
	Accuracy 95.2%
	Limit 0.722 - 1.084
Dissolved Lead (Pb) mg/L	Blank <0.0003
	Standard name DMR-0219-2017-Eu
	Result 0.8596
	Accuracy 95.2%
	Limit 0.722 - 1.084
Potassium (K) mg/L	Blank <0.05
	Standard name C00-046-705_X_1000
	Result 1.06
	Accuracy 94%
	Limit 0.800 - 1.200
Selenium (Se) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.095
	Accuracy 95%
	Limit 0.0800 - 0.1200
Dissolved Selenium (Se) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000

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Quality control Report

Lab number: V-65295

Sample name: NP1 WEST KIA

Sampling date: July 05, 2017

Sampling location: NP1 WEST KIA

Sampling hour: 13:15

Parameter	
Sodium (Na) mg/L	Result 0.097
	Accuracy 97%
	Limit 0.0800 - 0.1200
	Blank <0.05
	Standard name C00-046-705_X_1000
Strontium (Sr) mg/L	Result 1.16
	Accuracy 84%
	Limit 0.800 - 1.200
	Blank <0.005
	Standard name DMR-0219-2017-Eu
dissolved Strontium (Sr) mg/L	Result 1.25
	Accuracy 98.4%
	Limit 0.98 - 1.48
	Blank <0.005
	Standard name DMR-0219-2017-Eu
Sulfate (SO4) mg SO4/L	Result 1.25
	Accuracy 98.4%
	Limit 0.98 - 1.48
	Blank <0.6
	Standard name DMR-0266-2017-SO4
Tellurium (Te) mg/L	Result 116
	Accuracy 94.3%
	Limit 114 - 132
	Blank <0.0005
	Standard name C00-046-705_X_1000
Thallium (Tl) mg/L	Result 0.0990
	Accuracy 99%
	Limit 0.0800 - 0.1200
	Blank <0.0008
	Standard name TI-S140909023-1000ppm
Dissolved thallium (Tl) mg/L	Result 914
	Accuracy 91.4%
	Limit 800 - 1200
	Blank <0.0008
	Standard name TI-S140909023-1000ppm
Thiocyanate (SCN) mg SCN/L	Result 910
	Accuracy 91%
	Limit 800 - 1200
	Blank <0.05
	Standard name STD SCN 568ppm

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Quality control Report

Lab number: V-65295

Sample name: NP1 WEST KIA

Sampling date: July 05, 2017

Sampling location: NP1 WEST KIA

Sampling hour: 13:15

Parameter	
	Result 577
	Accuracy 98.4%
	Limit 398 - 738
Titanium (Ti) mg/L	Blank <0.01
Dissolved titanium (Ti) mg/L	Blank <0.01
Turbidity UTN	Standard name DMR-0266-2017-Turb
	Result 5.16
	Accuracy 99.4%
	Limit 4.41 - 5.97
Uranium (U) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.108
	Accuracy 92%
	Limit 0.0800 - 0.1200
Dissolved Uranium (U) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.109
	Accuracy 91%
	Limit 0.0800 - 0.1200
Vanadium (V) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1055
	Accuracy 94.5%
	Limit 0.0800 - 0.1200
Dissolved Vanadium mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1123
	Accuracy 87.7%
	Limit 0.0800 - 0.1200
Zinc (Zn) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.101
	Accuracy 99%
	Limit 0.0800 - 0.1200
Dissolved Zinc mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.100
	Accuracy 100%
	Limit 0.0800 - 0.1200

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Additional information

Lab number: V-65295

Sample name: NP1 WEST KIA

Sampling location: NP1 WEST KIA

Sampling date: July 05, 2017

Sampling hour: 13:15

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-CL-2.0	MA.300-Ions 1.3
M-COUL-1.0	MA.103-Col. 2.0
M-CN-1.0	MA.300-CN 1.2
M-CI-1.0	MA.300-Anions 1.0
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-P-2.0	MA.303-P 1.1
M-SULF-2.0	MA.300-Ions 1.3
M-TURB-1.0	MA.103-Tur. 1.0

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-65296

Sampling location: NP2 SOUTH KIA

Sampling date: July 05, 2017

Sample name: NP2 SOUTH KIA

Sampling hour: 17:45

Sampled by: Tom T

Date received: July 07, 2017

Matrix: Water

Reported on: July 27, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

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Analytical Report

Lab number: V-65296

Sample name: NP2 SOUTH KIA

Sampling date: July 05, 2017

Sampling location: NP2 SOUTH KIA

Sampling hour: 17:45

Parameter	Result	Method name	Analysis date
Alkalinity	55 mg CaCO ₃ /L	M-TIT-1.0	July 07, 2017
Aluminium (Al)	0.011 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Antimony (Sb)	<0.0001 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Antimony (Sb)	<0.0001 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	0.06 mg N/L	Sous-traitance\H2Lab inc. (SAM)	July 10, 2017
Kjeldahl nitrogen	0.38 mg N/L	Sous-traitance\H2Lab inc. (SAM)	July 14, 2017
Barium (Ba)	0.0027 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Barium (Ba)	0.0019 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
bicarbonate (HCO ₃)	55 mg CaCO ₃ /L	M-TIT-1.0	July 07, 2017
Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Bromides	0.08 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Calcium (Ca)	19.9 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Carbonate (CO ₃)	<2 mg CaCO ₃ /L	M-TIT-1.0	July 07, 2017
Dissolved Organic Carbon (D.O.C.)	5.7 mg/L	M-COT-1.0	July 07, 2017
Total Organic Carbon (T.O.C.)	5.7 mg/L	M-COT-1.0	July 07, 2017
Chlorophyll A	1.2 µg/L	Sous-traitance\H2Lab inc. (SAM)	July 26, 2017
Chloride	4.8 mg/L	Sous-traitance\Multilab Direct	July 10, 2017
Chrome (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Chromium (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Cobalt (Co)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Cobalt (Co)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Conductivity	213 µmhos/cm	M-TIT-1.0	July 07, 2017
Colour	6 Colour units	Sous-traitance\Multilab Direct	July 07, 2017
Copper (Cu)	0.0029 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Copper (Cu)	0.002 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Cyanide W.A.D.	<0.001 mg/L	Sous-traitance\Multilab Direct	July 12, 2017
Total Cyanide (CNT)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 12, 2017
Hardness	77 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	July 11, 2017
Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
dissolved Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 11, 2017

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Analytical Report

Lab number: V-65296

Sample name: NP2 SOUTH KIA

Sampling date: July 05, 2017

Sampling location: NP2 SOUTH KIA

Sampling hour: 17:45

Parameter	Result	Method name	Analysis date
Iron (Fe)	0.12 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Iron (Fe)	0.03 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Fluoride (F)	0.14 mg/L	Sous-traitance\Multilab Direct	July 14, 2017
Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Total Suspended Solids	4 mg/L	M-SOLI-1.0	July 10, 2017
Magnesium (Mg)	6.74 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Manganese (Mn)	0.011 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Manganese (Mn)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	July 12, 2017
Dissolved Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	July 12, 2017
Molybdenum (Mo)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Molybdenum (Mo)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Ammonia NH3 (non-ionized)	<0.05 mg N/L	Sous-traitance\H2Lab inc. (SAM)	July 10, 2017
Nickel (Ni)	0.0058 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Nickel (Ni)	0.0040 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Nitrate (NO3)	0.10 mg N/L	Sous-traitance\Multilab Direct	July 07, 2017
Nitrite (NO2)	<0.01 mg N/L	Sous-traitance\Multilab Direct	July 07, 2017
Ortho-Phosphate (O-PO4)	<0.01 mg P/L	Sous-traitance\Multilab Direct	July 07, 2017
Dissolved oxygen	8.9 mg/L	Sous-traitance\Multilab Direct	July 07, 2017
pH	7.95	M-TIT-1.0	July 07, 2017
Dissolved Phosphorus (P)	0.05 mg P/L	Sous-traitance\H2Lab inc. (SAM)	July 10, 2017
Total Phosphorus (P)	<0.04 mg P/L	Sous-traitance\H2Lab inc. (SAM)	July 10, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Potassium (K)	2.40 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Reactive silica (SiO2)	0.60 mg/L	Sous-traitance\Maxxam	July 11, 2017
Sodium (Na)	10.5 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Solids	142 mg/L	M-TIT-1.0	July 07, 2017
Strontium (Sr)	0.112 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
dissolved Strontium (Sr)	0.073 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Sulfate (SO4)	38.2 mg SO4/L	Sous-traitance\Multilab Direct	July 07, 2017
Tellurium (Te)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Thiocyanate (SCN)	<0.05 mg SCN/L	Sous-traitance\Multilab Direct	July 14, 2017
Thiosulfates (S2O3)	<0.02 mg S2O3/L	Sous-traitance\Multilab Direct	July 18, 2017
Titanium (Ti)	0.02 mg/L	Sous-traitance\Multilab Direct	July 11, 2017

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Analytical Report

Lab number: V-65296

Sample name: NP2 SOUTH KIA

Sampling date: July 05, 2017

Sampling location: NP2 SOUTH KIA

Sampling hour: 17:45

Parameter	Result	Method name	Analysis date
Dissolved titanium (Ti)	0.02 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Turbidity	1.36 NTU	Sous-traitance\Multilab Direct	July 07, 2017
Uranium (U)	0.001 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Uranium (U)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Vanadium (V)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Vanadium	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Zinc (Zn)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Zinc	<0.001 mg/L	Sous-traitance\Multilab Direct	July 11, 2017

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Detection limit

Lab number: V-65296

Sample name: NP2 SOUTH KIA

Sampling date: July 05, 2017

Sampling location: NP2 SOUTH KIA

Sampling hour: 17:45

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO ₃ /L	M-TIT-1.0	
Aluminium (Al)	0.006	mg/L	Sous-traitance	
Dissolved Aluminium (Al)	0.006	mg/L	Sous-traitance	
Antimony (Sb)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Antimony (Sb)	0.0001	mg/L	Sous-traitance	
Silver (Ag)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Silver (Ag)	0.0001	mg/L	Sous-traitance	
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Arsenic (As)	0.0005	mg/L	Sous-traitance	
Kjeldahl nitrogen	0.07	mg N/L	Sous-traitance	
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Barium (Ba)	0.0005	mg/L	Sous-traitance	
Beryllium (Be)	0.0005	mg/L	Sous-traitance	
Dissolved Beryllium (Be)	0.0005	mg/L	Sous-traitance	
bicarbonate (HCO ₃)	2	mg CaCO ₃ /L	M-TIT-1.0	
Boron (B)	0.01	mg/L	Sous-traitance	Yes
Dissolved Boron (B)	0.01	mg/L	Sous-traitance	
Bromides	0.01	mg/L	Sous-traitance	
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Dissolved Cadmium (Cd)	0.00002	mg/L	Sous-traitance	
Calcium (Ca)	0.03	mg/L	Sous-traitance	Yes
Carbonate (CO ₃)	2	mg CaCO ₃ /L	M-TIT-1.0	
Dissolved Organic Carbon (D.O.C.)	0.2	mg/L	M-COT-1.0	--
Total Organic Carbon (T.O.C.)	0.2	mg/L	M-COT-1.0	Yes
Chlorophyll A	0.13	µg/L	Sous-traitance	
Chloride	0.5	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Dissolved Chromium (Cr)	0.0006	mg/L	Sous-traitance	
Cobalt (Co)	0.0005	mg/L	Sous-traitance	
Dissolved Cobalt (Co)	0.0005	mg/L	Sous-traitance	
Conductivity	1	µmhos/cm	M-TIT-1.0	Yes
Colour	1	UCV	Sous-traitance	Yes
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Copper (Cu)	0.0005	mg/L	Sous-traitance	
Cyanide W.A.D.	0.001	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO ₃ /L	Sous-traitance	
Tin (Sn)	0.001	mg/L	Sous-traitance	Yes
dissolved Tin (Sn)	0.001	mg/L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes

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Detection limit

Lab number: V-65296

Sample name: NP2 SOUTH KIA

Sampling date: July 05, 2017

Sampling location: NP2 SOUTH KIA

Sampling hour: 17:45

Parameter	Value	Unit	Method	Accreditation
Dissolved Iron (Fe)	0.01	mg/L	Sous-traitance	
Fluoride (F)	0.02	mg/L	Sous-traitance	Yes
Lithium (Li)	0.005	mg/L	Sous-traitance	
Dissolved Lithium (Li)	0.005	mg/L	Sous-traitance	
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Magnesium (Mg)	0.02	mg/L	Sous-traitance	Yes
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Manganese (Mn)	0.0005	mg/L	Sous-traitance	
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Dissolved Mercury (Hg)	0.00001	mg/L	Sous-traitance	
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Nickel (Ni)	0.0005	mg/L	Sous-traitance	
Nitrate (NO3)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO2)	0.01	mg N/L	Sous-traitance	Yes
Ortho-Phosphate (O-PO4)	0.01	mg P/L	Sous-traitance	Yes
Dissolved oxygen	0.1	mg/L	Sous-traitance	
pH			M-TIT-1.0	Yes
Total Phosphorus (P)	0.001	mg P/L	Sous-traitance	
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Dissolved Lead (Pb)	0.0003	mg/L	Sous-traitance	
Potassium (K)	0.05	mg/L	Sous-traitance	
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Dissolved Selenium (Se)	0.001	mg/L	Sous-traitance	
Reactive silica (SiO2)		mg/L	Sous-traitance	
Sodium (Na)	0.05	mg/L	Sous-traitance	Yes
Dissolved Solids	1	mg/L	M-TIT-1.0	
Strontium (Sr)	0.005	mg/L	Sous-traitance	
dissolved Strontium (Sr)	0.005	mg/L	Sous-traitance	
Sulfate (SO4)	0.6	mg SO4/L	Sous-traitance	Yes
Tellurium (Te)	0.0005	mg/L	Sous-traitance	
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Dissolved thallium (Tl)	0.0008	mg/L	Sous-traitance	
Thiocyanate (SCN)	0.05	mg SCN/L	Sous-traitance	Yes
Thiosulfates (S2O3)	0.02	mg S2O3/L	Sous-traitance	Yes
Titanium (Ti)	0.01	mg/L	Sous-traitance	
Dissolved titanium (Ti)	0.01	mg/L	Sous-traitance	
Turbidity	0.02	UTN	Sous-traitance	Yes
Uranium (U)	0.001	mg/L	Sous-traitance	

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Detection limit

Lab number: V-65296

Sample name: NP2 SOUTH KIA

Sampling date: July 05, 2017

Sampling location: NP2 SOUTH KIA

Sampling hour: 17:45

Parameter	Value	Unit	Method	Accreditation
Dissolved Uranium (U)	0.001	mg/L	Sous-traitance	
Vanadium (V)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Vanadium	0.0005	mg/L	Sous-traitance	
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes
Dissolved Zinc	0.001	mg/L	Sous-traitance	

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Quality control Report

Lab number: V-65296

Sample name: NP2 SOUTH KIA

Sampling date: July 05, 2017

Sampling location: NP2 SOUTH KIA

Sampling hour: 17:45

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 144 Accuracy 99.3% Limit 123 - 167 Sample duplicate 55-55
Aluminium (Al) mg/L	Blank <0.006 Standard name C00-046-705_X_1000 Result 0.972 Accuracy 97.2% Limit 0.800 - 1.200
Dissolved Aluminium (Al) mg/L	Blank <0.006 Standard name C00-046-705_X_1000 Result 1.03 Accuracy 97% Limit 0.800 - 1.200
Antimony (Sb) mg/L	Blank <0.0001 Standard name C00-046-705_X_1000 Result 0.0108 Accuracy 92% Limit 0.0080 - 0.0120
Dissolved Antimony (Sb) mg/L	Blank <0.0001 Standard name C00-046-705_X_1000 Result 0.0109 Accuracy 91% Limit 0.0080 - 0.0120
Silver (Ag) mg/L	Blank <0.0001 Standard name DMR-0013-2017-Ag Result 0.0434 Accuracy 97.6% Limit 0.0339 - 0.0509
Dissolved Silver (Ag) mg/L	Blank <0.0001 Standard name DMR-0013-2017-Ag Result 0.0420 Accuracy 99.1% Limit 0.0339 - 0.0509
Arsenic (As) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0953 Accuracy 95.3% Limit 0.0700 - 0.1300

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Quality control Report

Lab number: V-65296

Sample name: NP2 SOUTH KIA

Sampling location: NP2 SOUTH KIA

Sampling date: July 05, 2017

Sampling hour: 17:45

Parameter	
Dissolved Arsenic (As) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0973 Accuracy 97.3% Limit 0.0800 - 0.1200
Barium (Ba) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0902 Accuracy 90.2% Limit 0.0800 - 0.1200
Dissolved Barium (Ba) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0937 Accuracy 93.7% Limit 0.0800 - 0.1200
Beryllium (Be) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0957 Accuracy 95.7% Limit 0.0800 - 0.1200
Dissolved Beryllium (Be) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1026 Accuracy 97.4% Limit 0.0800 - 0.1200
bicarbonate (HCO ₃) mg CaCO ₃ /L	sample duplicate 55-55
Boron (B) mg/L	Blank <0.01 Standard name C00-046-705_X_1000 Result 1.01 Accuracy 99% Limit 0.800 - 1.200
Dissolved Boron (B) mg/L	Blank <0.01 Standard name C00-046-705_X_1000 Result 1.09 Accuracy 91% Limit 0.800 - 1.200
Bromides mg/L	Blank <0.01 Standard name DMR-0119-2017-Br Result 4.69 Accuracy 83.3%

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Quality control Report

Lab number: V-65296

Sample name: NP2 SOUTH KIA

Sampling date: July 05, 2017

Sampling location: NP2 SOUTH KIA

Sampling hour: 17:45

Parameter	
Cadmium (Cd) mg/L	Limit 4.50 - 6.76
	Blank <0.00002
	Standard name C00-046-705_X_1000
	Result 0.09853
	Accuracy 98.5%
Dissolved Cadmium (Cd) mg/L	Limit 0.0800 - 0.1200
	Blank <0.00002
	Standard name C00-046-705_X_1000
	Result 0.10155
	Accuracy 98.4%
Calcium (Ca) mg/L	Limit 0.0800 - 0.1200
	Blank <0.03
	Standard name C00-046-705_X_1000
	Result 0.97
	Accuracy 97%
Carbonate (CO ₃) mg CaCO ₃ /L	Limit 0.800 - 1.200
	Sample duplicate <2-<2
	Standard name COD 10mg/L
	Result 10
	Accuracy 100%
Dissolved Organic Carbon (D.O.C.) mg/L	Limit 8 - 12
	Blank <0.2
	Standard name COT 10mg/L
	Result 10
	Accuracy 100%
Total Organic Carbon (T.O.C.) mg/L	Limit 8 - 12
	Blank <0.2
	Standard name DMR-0266-2017-CI
	Result 112
	Accuracy 96.3%
Chloride mg/L	Limit 95 - 121
	Blank <0.0006
	Standard name C00-046-705_X_1000
	Result 0.1066
	Accuracy 93.4%
Chrome (Cr) mg/L	Limit 0.0800 - 0.1200
	Blank <0.0006
	Standard name C00-046-705_X_1000
	Result 0.1117

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Quality control Report

Lab number: V-65296

Sample name: NP2 SOUTH KIA

Sampling location: NP2 SOUTH KIA

Sampling date: July 05, 2017

Sampling hour: 17:45

Parameter	
Cobalt (Co) mg/L	Accuracy 88.3%
	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1052
Dissolved Cobalt (Co) mg/L	Accuracy 94.8%
	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1102
Conductivity µmhos/cm	Accuracy 89.8%
	Limit 0.0800 - 0.1200
	Standard name STD cond maison
	Result 1408
Colour UCV	Accuracy 99.5%
	Limit 1203 - 1627
	Sample duplicate 213-213
	Blank <1
	Standard name DMR-0266-2017-Coul
Result 21	
Copper (Cu) mg/L	Accuracy 90.1%
	Limit 14.8 - 23.4
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1067
Dissolved Copper (Cu) mg/L	Accuracy 93.3%
	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1107
Cyanide W.A.D. mg/L	Accuracy 89.3%
	Limit 0.0800 - 0.1200
	Blank <0.001
	Standard name DMR-0266-CNT
Result 0.120	
Total Cyanide (CNT) mg/L	Accuracy 96.8%
	Limit 0.105 - 0.143
	Blank <0.001
	Standard name DMR-0266-CNT
	Result 0.243

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Quality control Report

Lab number: V-65296

Sample name: NP2 SOUTH KIA

Sampling date: July 05, 2017

Sampling location: NP2 SOUTH KIA

Sampling hour: 17:45

Parameter	
	Accuracy 99.2%
	Limit 0.205 - 0.277
Tin (Sn) mg/L	Blank <0.001
	Standard name DMR-0310-2016-Sn
	Result 10.06
	Accuracy 89.1%
	Limit 7.26 - 10.88
dissolved Tin (Sn) mg/L	Blank <0.001
	Standard name DMR-0310-2016-Sn
	Result 10.16
	Accuracy 88%
	Limit 6.35 - 11.79
Iron (Fe) mg/L	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.14
	Accuracy 86%
	Limit 0.800 - 1.200
Dissolved Iron (Fe) mg/L	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.16
	Accuracy 84%
	Limit 0.800 - 1.200
Fluoride (F) mg/L	Blank <0.02
	Standard name DMR-0266-2017-F
	Result 2.42
	Accuracy 94.8%
	Limit 2.13 - 2.47
Lithium (Li) mg/L	Sample duplicate 0.14-0.13
	Blank <0.005
	Standard name DMR-0219-2017-Eu
	Result 0.796
	Accuracy 94.1%
	Limit 0.677 - 1.015
Dissolved Lithium (Li) mg/L	Blank <0.005
	Standard name DMR-0219-2017-Eu
	Result 0.784
	Accuracy 92.7%
	Limit 0.677 - 1.015
Total Suspended Solids mg/L	Blank <1
	Standard name STD-MES 25mg/L

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Quality control Report

Lab number: V-65296

Sample name: NP2 SOUTH KIA

Sampling date: July 05, 2017

Sampling location: NP2 SOUTH KIA

Sampling hour: 17:45

Parameter	
	Result 26
	Accuracy 96%
	Limit 19 - 31
	Sample duplicate 4-4
Magnesium (Mg) mg/L	Blank <0.02
	Standard name C00-046-705_X_1000
	Result 1.08
	Accuracy 92%
	Limit 0.800 - 1.200
Manganese (Mn) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1072
	Accuracy 92.8%
	Limit 0.0800 - 0.1200
Dissolved Manganese (Mn) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1129
	Accuracy 87.1%
	Limit 0.0800 - 0.1200
Mercury (Hg) mg/L	Blank <0.00001
	Standard name DMR-0266-2017-HgEu
	Result 0.00064
	Accuracy 91.4%
	Limit 0.00042 - 0.00098
Dissolved Mercury (Hg) mg/L	Blank <0.00001
	Standard name DMR-0266-2017-HgEu
	Result 0.00059
	Accuracy 84.3%
	Limit 0.00042 - 0.00098
Molybdenum (Mo) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1029
	Accuracy 97.1%
	Limit 0.0800 - 0.1200
Dissolved Molybdenum (Mo) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1046
	Accuracy 95.4%
	Limit 0.0800 - 0.1200
Nickel (Ni) mg/L	Blank <0.0005

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Quality control Report

Lab number: V-65296

Sample name: NP2 SOUTH KIA

Sampling date: July 05, 2017

Sampling location: NP2 SOUTH KIA

Sampling hour: 17:45

Parameter	
	Standard name C00-046-705_X_1000
	Result 0.0989
	Accuracy 98.9%
	Limit 0.0800 - 0.1200
Dissolved Nickel (Ni) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1041
	Accuracy 95.9%
	Limit 0.0800 - 0.1200
Nitrate (NO3) mg N/L	Blank <0.01
Nitrite (NO2) mg N/L	Blank <0.01
	Standard name DMR-0266-2017-NO2-2
	Result 2.70
	Accuracy 99.6%
	Limit 2.30 - 3.12
Ortho-Phosphate (O-PO4) mg P/L	Blank <0.01
	Standard name DMR-0266-2017-OPO4
	Result 0.52
	Accuracy 88.1%
	Limit 0.52 - 0.66
pH	Standard name STD pH 7.0
	Result 6.98
	Accuracy 99.7%
	Limit 6.96 - 7.04
	Sample duplicate 7.95-7.95
Lead (Pb) mg/L	Blank <0.0003
	Standard name C00-046-705_X_1000
	Result 0.1000
	Accuracy 100%
	Limit 0.0800 - 0.1200
Dissolved Lead (Pb) mg/L	Blank <0.0003
	Standard name C00-046-705_X_1000
	Result 0.1013
	Accuracy 98.7%
	Limit 0.0800 - 0.1200
Potassium (K) mg/L	Blank <0.05
	Standard name C00-046-705_X_1000
	Result 1.06
	Accuracy 94%
	Limit 0.800 - 1.200

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Quality control Report

Lab number: V-65296

Sample name: NP2 SOUTH KIA

Sampling date: July 05, 2017

Sampling location: NP2 SOUTH KIA

Sampling hour: 17:45

Parameter

Selenium (Se) mg/L	Blank <0.001 Standard name C00-046-705_X_1000 Result 0.095 Accuracy 95% Limit 0.0800 - 0.1200
Dissolved Selenium (Se) mg/L	Blank <0.001 Standard name C00-046-705_X_1000 Result 0.097 Accuracy 97% Limit 0.0800 - 0.1200
Sodium (Na) mg/L	Blank <0.05 Standard name C00-046-705_X_1000 Result 1.16 Accuracy 84% Limit 0.800 - 1.200
Dissolved Solids mg/L	Sample duplicate 142-142
Strontium (Sr) mg/L	Blank <0.005 Standard name DMR-0219-2017-Eu Result 1.25 Accuracy 98.4% Limit 0.98 - 1.48
dissolved Strontium (Sr) mg/L	Blank <0.005 Standard name DMR-0219-2017-Eu Result 1.25 Accuracy 98.4% Limit 0.98 - 1.48
Sulfate (SO4) mg SO4/L	Blank <0.6 Standard name DMR-0266-2017-SO4 Result 116 Accuracy 94.3% Limit 114 - 132
Tellurium (Te) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0990 Accuracy 99% Limit 0.0800 - 0.1200
Thallium (Tl) mg/L	Blank <0.0008 Standard name Tl-S140909023-1000ppm Result 914 Accuracy 91.4%

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Quality control Report

Lab number: V-65296

Sample name: NP2 SOUTH KIA

Sampling date: July 05, 2017

Sampling location: NP2 SOUTH KIA

Sampling hour: 17:45

Parameter		
Dissolved thallium (Tl) mg/L	Limit 800 - 1200	
	Blank <0.0008	
	Standard name Tl-S140909023-1000ppm	
	Result 910	
	Accuracy 91%	
Thiocyanate (SCN) mg SCN/L	Limit 800 - 1200	
	Blank <0.05	
	Standard name STD SCN 568ppm	
	Result 577	
	Accuracy 98.4%	
Titanium (Ti) mg/L	Limit 398 - 738	
	Blank <0.01	
	Dissolved titanium (Ti) mg/L	Blank <0.01
		Standard name DMR-0266-2017-Turb
	Result 5.16	
Uranium (U) mg/L	Accuracy 99.4%	
	Limit 4.41 - 5.97	
	Blank <0.001	
	Standard name C00-046-705_X_1000	
	Result 0.108	
Dissolved Uranium (U) mg/L	Accuracy 92%	
	Limit 0.0800 - 0.1200	
	Blank <0.001	
	Standard name C00-046-705_X_1000	
	Result 0.109	
Vanadium (V) mg/L	Accuracy 91%	
	Limit 0.0800 - 0.1200	
	Blank <0.0005	
	Standard name C00-046-705_X_1000	
	Result 0.1055	
Dissolved Vanadium mg/L	Accuracy 94.5%	
	Limit 0.0800 - 0.1200	
	Blank <0.0005	
	Standard name C00-046-705_X_1000	
	Result 0.1123	
Zinc (Zn) mg/L	Accuracy 87.7%	
	Limit 0.0800 - 0.1200	
	Blank <0.001	
	Standard name C00-046-705_X_1000	
	Result 0.101	

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Additional information

Lab number: V-65296

Sample name: NP2 SOUTH KIA

Sampling location: NP2 SOUTH KIA

Sampling date: July 05, 2017

Sampling hour: 17:45

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-CL-2.0	MA.300-Ions 1.3
M-COUL-1.0	MA.103-Col. 2.0
M-CN-1.0	MA.300-CN 1.2
M-CI-1.0	MA.300-Anions 1.0
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-P-2.0	MA.303-P 1.1
M-SULF-2.0	MA.300-Ions 1.3
M-TURB-1.0	MA.103-Tur. 1.0

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-65297

Sampling location: Dogleg North KIA

Sampling date: July 06, 2017

Sample name: Dogleg North KIA

Sampling hour: 07:30

Sampled by: MBA

Date received: July 07, 2017

Matrix: Water

Reported on: July 27, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Lab number: V-65297

Sample name: Dogleg North KIA

Sampling date: July 06, 2017

Sampling location: Dogleg North KIA

Sampling hour: 07:30

Parameter	Result	Method name	Analysis date
Alkalinity	51 mg CaCO ₃ /L	M-TIT-1.0	July 07, 2017
Aluminium (Al)	0.016 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Antimony (Sb)	<0.0001 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Antimony (Sb)	<0.0001 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	<0.05 mg N/L	Sous-traitance\H2Lab inc. (SAM)	July 10, 2017
Kjeldahl nitrogen	0.47 mg N/L	Sous-traitance\H2Lab inc. (SAM)	July 14, 2017
Barium (Ba)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Barium (Ba)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
bicarbonate (HCO ₃)	51 mg CaCO ₃ /L	M-TIT-1.0	July 07, 2017
Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Bromides	0.01 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Calcium (Ca)	9.79 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Carbonate (CO ₃)	<2 mg CaCO ₃ /L	M-TIT-1.0	July 07, 2017
Dissolved Organic Carbon (D.O.C.)	4.4 mg/L	M-COT-1.0	July 07, 2017
Total Organic Carbon (T.O.C.)	4.4 mg/L	M-COT-1.0	July 07, 2017
Chlorophyll A	2.7 µg/L	Sous-traitance\H2Lab inc. (SAM)	July 26, 2017
Chloride	4.7 mg/L	Sous-traitance\Multilab Direct	July 10, 2017
Chrome (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Chromium (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Cobalt (Co)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Cobalt (Co)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Conductivity	103 µmhos/cm	M-TIT-1.0	July 07, 2017
Colour	5 Colour units	Sous-traitance\Multilab Direct	July 07, 2017
Copper (Cu)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Copper (Cu)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Cyanide W.A.D.	<0.001 mg/L	Sous-traitance\Multilab Direct	July 12, 2017
Total Cyanide (CNT)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 12, 2017
Hardness	39 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	July 11, 2017
Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
dissolved Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 11, 2017

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Analytical Report

Lab number: V-65297

Sample name: Dogleg North KIA

Sampling date: July 06, 2017

Sampling location: Dogleg North KIA

Sampling hour: 07:30

Parameter	Result	Method name	Analysis date
Iron (Fe)	0.08 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Iron (Fe)	0.02 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Fluoride (F)	0.13 mg/L	Sous-traitance\Multilab Direct	July 14, 2017
Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Total Suspended Solids	2 mg/L	M-SOLI-1.0	July 10, 2017
Magnesium (Mg)	3.54 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Manganese (Mn)	0.0135 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Manganese (Mn)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Mercury (Hg)	0.00006 mg/L	Sous-traitance\Multilab Direct	July 12, 2017
Dissolved Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	July 12, 2017
Molybdenum (Mo)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Molybdenum (Mo)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Ammonia NH3 (non-ionized)	<0.05 mg N/L	Sous-traitance\H2Lab inc. (SAM)	July 10, 2017
Nickel (Ni)	0.0008 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Nickel (Ni)	0.0005 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Nitrate (NO3)	<0.01 mg N/L	Sous-traitance\Multilab Direct	July 07, 2017
Nitrite (NO2)	<0.01 mg N/L	Sous-traitance\Multilab Direct	July 07, 2017
Ortho-Phosphate (O-PO4)	0.01 mg P/L	Sous-traitance\Multilab Direct	July 07, 2017
Dissolved oxygen	9.6 mg/L	Sous-traitance\Multilab Direct	July 07, 2017
pH	7.69	M-TIT-1.0	July 07, 2017
Dissolved Phosphorus (P)	0.05 mg P/L	Sous-traitance\H2Lab inc. (SAM)	July 10, 2017
Total Phosphorus (P)	<0.04 mg P/L	Sous-traitance\H2Lab inc. (SAM)	July 10, 2017
Lead (Pb)	0.0010 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Potassium (K)	1.27 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Reactive silica (SiO2)	0.74 mg/L	Sous-traitance\Maxxam	July 11, 2017
Sodium (Na)	3.33 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Solids	68 mg/L	M-TIT-1.0	July 07, 2017
Strontium (Sr)	0.041 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
dissolved Strontium (Sr)	0.037 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Sulfate (SO4)	13.8 mg SO4/L	Sous-traitance\Multilab Direct	July 07, 2017
Tellurium (Te)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Thiocyanate (SCN)	<0.05 mg SCN/L	Sous-traitance\Multilab Direct	July 14, 2017
Thiosulfates (S2O3)	<0.02 mg S2O3/L	Sous-traitance\Multilab Direct	July 18, 2017
Titanium (Ti)	0.01 mg/L	Sous-traitance\Multilab Direct	July 11, 2017

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Analytical Report

Lab number: V-65297

Sample name: Dogleg North KIA

Sampling date: July 06, 2017

Sampling location: Dogleg North KIA

Sampling hour: 07:30

Parameter	Result	Method name	Analysis date
Dissolved titanium (Ti)	<0.01 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Turbidity	1.78 NTU	Sous-traitance\Multilab Direct	July 07, 2017
Uranium (U)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Uranium (U)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Vanadium (V)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Vanadium	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Zinc (Zn)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 11, 2017
Dissolved Zinc	<0.001 mg/L	Sous-traitance\Multilab Direct	July 11, 2017

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Detection limit

Lab number: V-65297

Sample name: Dogleg North KIA

Sampling date: July 06, 2017

Sampling location: Dogleg North KIA

Sampling hour: 07:30

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO ₃ /L	M-TIT-1.0	
Aluminium (Al)	0.006	mg/L	Sous-traitance	
Dissolved Aluminium (Al)	0.006	mg/L	Sous-traitance	
Antimony (Sb)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Antimony (Sb)	0.0001	mg/L	Sous-traitance	
Silver (Ag)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Silver (Ag)	0.0001	mg/L	Sous-traitance	
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Arsenic (As)	0.0005	mg/L	Sous-traitance	
Kjeldahl nitrogen	0.07	mg N/L	Sous-traitance	
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Barium (Ba)	0.0005	mg/L	Sous-traitance	
Beryllium (Be)	0.0005	mg/L	Sous-traitance	
Dissolved Beryllium (Be)	0.0005	mg/L	Sous-traitance	
bicarbonate (HCO ₃)	2	mg CaCO ₃ /L	M-TIT-1.0	
Boron (B)	0.01	mg/L	Sous-traitance	Yes
Dissolved Boron (B)	0.01	mg/L	Sous-traitance	
Bromides	0.01	mg/L	Sous-traitance	
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Dissolved Cadmium (Cd)	0.00002	mg/L	Sous-traitance	
Calcium (Ca)	0.03	mg/L	Sous-traitance	Yes
Carbonate (CO ₃)	2	mg CaCO ₃ /L	M-TIT-1.0	
Dissolved Organic Carbon (D.O.C.)	0.2	mg/L	M-COT-1.0	--
Total Organic Carbon (T.O.C.)	0.2	mg/L	M-COT-1.0	Yes
Chlorophyll A	0.13	µg/L	Sous-traitance	
Chloride	0.5	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Dissolved Chromium (Cr)	0.0006	mg/L	Sous-traitance	
Cobalt (Co)	0.0005	mg/L	Sous-traitance	
Dissolved Cobalt (Co)	0.0005	mg/L	Sous-traitance	
Conductivity	1	µmhos/cm	M-TIT-1.0	Yes
Colour	1	UCV	Sous-traitance	Yes
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Copper (Cu)	0.0005	mg/L	Sous-traitance	
Cyanide W.A.D.	0.001	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO ₃ /L	Sous-traitance	
Tin (Sn)	0.001	mg/L	Sous-traitance	Yes
dissolved Tin (Sn)	0.001	mg/L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes

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Detection limit

Lab number: V-65297

Sample name: Dogleg North KIA

Sampling date: July 06, 2017

Sampling location: Dogleg North KIA

Sampling hour: 07:30

Parameter	Value	Unit	Method	Accreditation
Dissolved Iron (Fe)	0.01	mg/L	Sous-traitance	
Fluoride (F)	0.02	mg/L	Sous-traitance	Yes
Lithium (Li)	0.005	mg/L	Sous-traitance	
Dissolved Lithium (Li)	0.005	mg/L	Sous-traitance	
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Magnesium (Mg)	0.02	mg/L	Sous-traitance	Yes
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Manganese (Mn)	0.0005	mg/L	Sous-traitance	
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Dissolved Mercury (Hg)	0.00001	mg/L	Sous-traitance	
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Nickel (Ni)	0.0005	mg/L	Sous-traitance	
Nitrate (NO3)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO2)	0.01	mg N/L	Sous-traitance	Yes
Ortho-Phosphate (O-PO4)	0.01	mg P/L	Sous-traitance	Yes
Dissolved oxygen	0.1	mg/L	Sous-traitance	
pH			M-TIT-1.0	Yes
Total Phosphorus (P)	0.001	mg P/L	Sous-traitance	
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Dissolved Lead (Pb)	0.0003	mg/L	Sous-traitance	
Potassium (K)	0.05	mg/L	Sous-traitance	
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Dissolved Selenium (Se)	0.001	mg/L	Sous-traitance	
Reactive silica (SiO2)		mg/L	Sous-traitance	
Sodium (Na)	0.05	mg/L	Sous-traitance	Yes
Dissolved Solids	1	mg/L	M-TIT-1.0	
Strontium (Sr)	0.005	mg/L	Sous-traitance	
dissolved Strontium (Sr)	0.005	mg/L	Sous-traitance	
Sulfate (SO4)	0.6	mg SO4/L	Sous-traitance	Yes
Tellurium (Te)	0.0005	mg/L	Sous-traitance	
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Dissolved thallium (Tl)	0.0008	mg/L	Sous-traitance	
Thiocyanate (SCN)	0.05	mg SCN/L	Sous-traitance	Yes
Thiosulfates (S2O3)	0.02	mg S2O3/L	Sous-traitance	Yes
Titanium (Ti)	0.01	mg/L	Sous-traitance	
Dissolved titanium (Ti)	0.01	mg/L	Sous-traitance	
Turbidity	0.02	UTN	Sous-traitance	Yes
Uranium (U)	0.001	mg/L	Sous-traitance	

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Detection limit

Lab number: V-65297

Sample name: Dogleg North KIA

Sampling date: July 06, 2017

Sampling location: Dogleg North KIA

Sampling hour: 07:30

Parameter	Value	Unit	Method	Accreditation
Dissolved Uranium (U)	0.001	mg/L	Sous-traitance	
Vanadium (V)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Vanadium	0.0005	mg/L	Sous-traitance	
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes
Dissolved Zinc	0.001	mg/L	Sous-traitance	

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Quality control Report

Lab number: V-65297

Sample name: Dogleg North KIA

Sampling date: July 06, 2017

Sampling location: Dogleg North KIA

Sampling hour: 07:30

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 144 Accuracy 99.3% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006
	Standard name C00-046-705_X_1000 Result 0.972 Accuracy 97.2% Limit 0.800 - 1.200
Dissolved Aluminium (Al) mg/L	Blank <0.006
	Standard name C00-046-705_X_1000 Result 1.03 Accuracy 97% Limit 0.800 - 1.200
Antimony (Sb) mg/L	Blank <0.0001
	Standard name C00-046-705_X_1000 Result 0.0108 Accuracy 92% Limit 0.0080 - 0.0120
Dissolved Antimony (Sb) mg/L	Blank <0.0001
	Standard name C00-046-705_X_1000 Result 0.0109 Accuracy 91% Limit 0.0080 - 0.0120
Silver (Ag) mg/L	Blank <0.0001
	Standard name DMR-0013-2017-Ag Result 0.0434 Accuracy 97.6% Limit 0.0339 - 0.0509
Dissolved Silver (Ag) mg/L	Blank <0.0001
	Standard name DMR-0013-2017-Ag Result 0.0420 Accuracy 99.1% Limit 0.0339 - 0.0509
Arsenic (As) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000 Result 0.0953 Accuracy 95.3% Limit 0.0700 - 0.1300
Dissolved Arsenic (As) mg/L	Blank <0.0005

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Quality control Report

Lab number: V-65297

Sample name: Dogleg North KIA

Sampling date: July 06, 2017

Sampling location: Dogleg North KIA

Sampling hour: 07:30

Parameter	
	Standard name C00-046-705_X_1000
	Result 0.0973
	Accuracy 97.3%
	Limit 0.0800 - 0.1200
Barium (Ba) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0902
	Accuracy 90.2%
	Limit 0.0800 - 0.1200
Dissolved Barium (Ba) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0937
	Accuracy 93.7%
	Limit 0.0800 - 0.1200
Beryllium (Be) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0957
	Accuracy 95.7%
	Limit 0.0800 - 0.1200
Dissolved Beryllium (Be) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1026
	Accuracy 97.4%
	Limit 0.0800 - 0.1200
Boron (B) mg/L	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.01
	Accuracy 99%
	Limit 0.800 - 1.200
Dissolved Boron (B) mg/L	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.09
	Accuracy 91%
	Limit 0.800 - 1.200
Bromides mg/L	Blank <0.01
	Standard name DMR-0119-2017-Br
	Result 4.69
	Accuracy 83.3%
	Limit 4.50 - 6.76
Cadmium (Cd) mg/L	Blank <0.00002

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Quality control Report

Lab number: V-65297

Sample name: Dogleg North KIA

Sampling date: July 06, 2017

Sampling location: Dogleg North KIA

Sampling hour: 07:30

Parameter	
	Standard name C00-046-705_X_1000
	Result 0.09853
	Accuracy 98.5%
	Limit 0.0800 - 0.1200
Dissolved Cadmium (Cd) mg/L	Blank <0.00002
	Standard name C00-046-705_X_1000
	Result 0.10155
	Accuracy 98.4%
	Limit 0.0800 - 0.1200
Calcium (Ca) mg/L	Blank <0.03
	Standard name C00-046-705_X_1000
	Result 0.97
	Accuracy 97%
	Limit 0.800 - 1.200
Dissolved Organic Carbon (D.O.C.) mg/L	Blank <0.2
	Standard name COD 10mg/L
	Result 10
	Accuracy 100%
	Limit 8 - 12
Total Organic Carbon (T.O.C.) mg/L	Blank <0.2
	Standard name COT 10mg/L
	Result 10
	Accuracy 100%
	Limit 8 - 12
Chloride mg/L	Blank <0.5
	Standard name DMR-0266-2017-CI
	Result 112
	Accuracy 96.3%
	Limit 95 - 121
Chrome (Cr) mg/L	Blank <0.0006
	Standard name C00-046-705_X_1000
	Result 0.1066
	Accuracy 93.4%
	Limit 0.0800 - 0.1200
Dissolved Chromium (Cr) mg/L	Blank <0.0006
	Standard name C00-046-705_X_1000
	Result 0.1117
	Accuracy 88.3%
	Limit 0.0800 - 0.1200
Cobalt (Co) mg/L	Blank <0.0005

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Quality control Report

Lab number: V-65297

Sample name: Dogleg North KIA

Sampling date: July 06, 2017

Sampling location: Dogleg North KIA

Sampling hour: 07:30

Parameter	
	Standard name C00-046-705_X_1000
	Result 0.1052
	Accuracy 94.8%
	Limit 0.0800 - 0.1200
Dissolved Cobalt (Co) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1102
	Accuracy 89.8%
	Limit 0.0800 - 0.1200
Conductivity µmhos/cm	Standard name STD cond maison
	Result 1408
	Accuracy 99.5%
	Limit 1203 - 1627
Colour UCV	Blank <1
	Standard name DMR-0266-2017-Coul
	Result 21
	Accuracy 90.1%
	Limit 14.8 - 23.4
Copper (Cu) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1067
	Accuracy 93.3%
	Limit 0.0800 - 0.1200
Dissolved Copper (Cu) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1107
	Accuracy 89.3%
	Limit 0.0800 - 0.1200
Cyanide W.A.D. mg/L	Blank <0.001
	Standard name DMR-0266-CNT
	Result 0.120
	Accuracy 96.8%
	Limit 0.105 - 0.143
Total Cyanide (CNT) mg/L	Blank <0.001
	Standard name DMR-0266-CNT
	Result 0.243
	Accuracy 99.2%
	Limit 0.205 - 0.277
Tin (Sn) mg/L	Blank <0.001
	Standard name DMR-0310-2016-Sn

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Quality control Report

Lab number: V-65297

Sample name: Dogleg North KIA

Sampling date: July 06, 2017

Sampling location: Dogleg North KIA

Sampling hour: 07:30

Parameter	
dissolved Tin (Sn) mg/L	Result 10.06
	Accuracy 89.1%
	Limit 7.26 - 10.88
	Blank <0.001
	Standard name DMR-0310-2016-Sn
Iron (Fe) mg/L	Result 10.16
	Accuracy 88%
	Limit 6.35 - 11.79
	Blank <0.01
	Standard name C00-046-705_X_1000
Dissolved Iron (Fe) mg/L	Result 1.14
	Accuracy 86%
	Limit 0.800 - 1.200
	Blank <0.01
	Standard name C00-046-705_X_1000
Fluoride (F) mg/L	Result 1.16
	Accuracy 84%
	Limit 0.800 - 1.200
	Blank <0.02
	Standard name DMR-0266-2017-F
Lithium (Li) mg/L	Result 2.42
	Accuracy 94.8%
	Limit 2.13 - 2.47
	Blank <0.005
	Standard name DMR-0219-2017-Eu
Dissolved Lithium (Li) mg/L	Result 0.796
	Accuracy 94.1%
	Limit 0.677 - 1.015
	Blank <0.005
	Standard name DMR-0219-2017-Eu
Total Suspended Solids mg/L	Result 0.784
	Accuracy 92.7%
	Limit 0.677 - 1.015
	Blank <1
	Standard name STD-MES 25mg/L
Magnesium (Mg) mg/L	Result 26
	Accuracy 96%
	Limit 19 - 31
	Blank <0.02
	Standard name C00-046-705_X_1000

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Quality control Report

Lab number: V-65297

Sample name: Dogleg North KIA

Sampling date: July 06, 2017

Sampling location: Dogleg North KIA

Sampling hour: 07:30

Parameter	
	Result 1.08
	Accuracy 92%
	Limit 0.800 - 1.200
Manganese (Mn) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1072
	Accuracy 92.8%
	Limit 0.0800 - 0.1200
Dissolved Manganese (Mn) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1129
	Accuracy 87.1%
	Limit 0.0800 - 0.1200
Mercury (Hg) mg/L	Blank <0.00001
	Standard name DMR-0266-2017-HgEu
	Result 0.00064
	Accuracy 91.4%
	Limit 0.00042 - 0.00098
Dissolved Mercury (Hg) mg/L	Blank <0.00001
	Standard name DMR-0266-2017-HgEu
	Result 0.00059
	Accuracy 84.3%
	Limit 0.00042 - 0.00098
Molybdenum (Mo) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1029
	Accuracy 97.1%
	Limit 0.0800 - 0.1200
Dissolved Molybdenum (Mo) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1046
	Accuracy 95.4%
	Limit 0.0800 - 0.1200
Nickel (Ni) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0989
	Accuracy 98.9%
	Limit 0.0800 - 0.1200
Dissolved Nickel (Ni) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000

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Quality control Report

Lab number: V-65297

Sample name: Dogleg North KIA

Sampling date: July 06, 2017

Sampling location: Dogleg North KIA

Sampling hour: 07:30

Parameter	
	Result 0.1041
	Accuracy 95.9%
	Limit 0.0800 - 0.1200
Nitrate (NO3) mg N/L	Blank <0.01
Nitrite (NO2) mg N/L	Blank <0.01
	Standard name DMR-0266-2017-NO2-2
	Result 2.70
	Accuracy 99.6%
	Limit 2.30 - 3.12
Ortho-Phosphate (O-PO4) mg P/L	Blank <0.01
	Standard name DMR-0266-2017-OPO4
	Result 0.52
	Accuracy 88.1%
	Limit 0.52 - 0.66
pH	Standard name STD pH 7.0
	Result 6.98
	Accuracy 99.7%
	Limit 6.96 - 7.04
Lead (Pb) mg/L	Blank <0.0003
	Standard name C00-046-705_X_1000
	Result 0.1000
	Accuracy 100%
	Limit 0.0800 - 0.1200
Dissolved Lead (Pb) mg/L	Blank <0.0003
	Standard name C00-046-705_X_1000
	Result 0.1013
	Accuracy 98.7%
	Limit 0.0800 - 0.1200
Potassium (K) mg/L	Blank <0.05
	Standard name C00-046-705_X_1000
	Result 1.06
	Accuracy 94%
	Limit 0.800 - 1.200
Selenium (Se) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.095
	Accuracy 95%
	Limit 0.0800 - 0.1200
Dissolved Selenium (Se) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000

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Quality control Report

Lab number: V-65297

Sample name: Dogleg North KIA

Sampling date: July 06, 2017

Sampling location: Dogleg North KIA

Sampling hour: 07:30

Parameter	
Sodium (Na) mg/L	Result 0.097
	Accuracy 97%
	Limit 0.0800 - 0.1200
	Blank <0.05
	Standard name C00-046-705_X_1000
Strontium (Sr) mg/L	Result 1.16
	Accuracy 84%
	Limit 0.800 - 1.200
	Blank <0.005
	Standard name DMR-0219-2017-Eu
dissolved Strontium (Sr) mg/L	Result 1.25
	Accuracy 98.4%
	Limit 0.98 - 1.48
	Blank <0.005
	Standard name DMR-0219-2017-Eu
Sulfate (SO4) mg SO4/L	Result 1.25
	Accuracy 98.4%
	Limit 0.98 - 1.48
	Blank <0.6
	Standard name DMR-0266-2017-SO4
Tellurium (Te) mg/L	Result 116
	Accuracy 94.3%
	Limit 114 - 132
	Blank <0.0005
	Standard name C00-046-705_X_1000
Thallium (Tl) mg/L	Result 0.0990
	Accuracy 99%
	Limit 0.0800 - 0.1200
	Blank <0.0008
	Standard name TI-S140909023-1000ppm
Dissolved thallium (Tl) mg/L	Result 914
	Accuracy 91.4%
	Limit 800 - 1200
	Blank <0.0008
	Standard name TI-S140909023-1000ppm
Thiocyanate (SCN) mg SCN/L	Result 910
	Accuracy 91%
	Limit 800 - 1200
	Blank <0.05
	Standard name STD SCN 568ppm

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Quality control Report

Lab number: V-65297

Sample name: Dogleg North KIA

Sampling date: July 06, 2017

Sampling location: Dogleg North KIA

Sampling hour: 07:30

Parameter	
	Result 577
	Accuracy 98.4%
	Limit 398 - 738
Titanium (Ti) mg/L	Blank <0.01
Dissolved titanium (Ti) mg/L	Blank <0.01
Turbidity UTN	Standard name DMR-0266-2017-Turb
	Result 5.16
	Accuracy 99.4%
	Limit 4.41 - 5.97
Uranium (U) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.108
	Accuracy 92%
	Limit 0.0800 - 0.1200
Dissolved Uranium (U) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.109
	Accuracy 91%
	Limit 0.0800 - 0.1200
Vanadium (V) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1055
	Accuracy 94.5%
	Limit 0.0800 - 0.1200
Dissolved Vanadium mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1123
	Accuracy 87.7%
	Limit 0.0800 - 0.1200
Zinc (Zn) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.101
	Accuracy 99%
	Limit 0.0800 - 0.1200
Dissolved Zinc mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.100
	Accuracy 100%
	Limit 0.0800 - 0.1200

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Additional information

Lab number: V-65297

Sample name: Dogleg North KIA

Sampling location: Dogleg North KIA

Sampling date: July 06, 2017

Sampling hour: 07:30

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-CL-2.0	MA.300-Ions 1.3
M-COUL-1.0	MA.103-Col. 2.0
M-CN-1.0	MA.300-CN 1.2
M-CI-1.0	MA.300-Anions 1.0
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-P-2.0	MA.303-P 1.1
M-SULF-2.0	MA.300-Ions 1.3
M-TURB-1.0	MA.103-Tur. 1.0

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-65387

Sampling location: ST-16

Sampling date: July 09, 2017

Sample name: ST-16

Sampling hour: 14:30

Sampled by: Tom T/MBA

Date received: July 11, 2017

Matrix: Water

Drinking water distribution:

Reported on: July 20, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Lab number: V-65387

Sample name: ST-16

Sampling location: ST-16

Sampling date: July 09, 2017

Sampling hour: 14:30

Parameter	Result	Method name	Analysis date
Copper (Cu)	0.0275 mg/L	Sous-traitance\Multilab Direct	July 18, 2017
Cyanide W.A.D.	<0.001 mg/L	Sous-traitance\Multilab Direct	July 14, 2017
Total Cyanide (CNT)	0.007 mg/L	Sous-traitance\Multilab Direct	July 14, 2017
Nickel (Ni)	0.042 mg/L	Sous-traitance\Multilab Direct	July 18, 2017

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Detection limit

Lab number: V-65387

Sample name: ST-16

Sampling location: ST-16

Sampling date: July 09, 2017

Sampling hour: 14:30

Parameter	Value	Unit	Method	Accreditation
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Cyanide W.A.D.	0.001	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes

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Additional information

Lab number: V-65387
Sample name: ST-16
Sampling location: ST-16

Sampling date: July 09, 2017
Sampling hour: 14:30

Lab method	Method reference
M-MET-3.0	MA.200-Mét. 1.2
M-CN-1.0	MA.300-CN 1.2

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Client: M. Stephane Robert
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Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-65387

Sampling location: ST-16

Sampling date: July 09, 2017

Sample name: ST-16

Sampling hour: 14:30

Sampled by: Tom T/MBA

Date received: July 11, 2017

Matrix: Water

Drinking water distribution:

Reported on: July 20, 2017

Unless otherwise stated, all samples were received in acceptable condition.

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Analytical Report

Lab number: V-65387

Sample name: ST-16

Sampling location: ST-16

Sampling date: July 09, 2017

Sampling hour: 14:30

Parameter	Result	Method name	Analysis date
Copper (Cu)	0.0275 mg/L	Sous-traitance\Multilab Direct	July 18, 2017
Cyanide W.A.D.	<0.001 mg/L	Sous-traitance\Multilab Direct	July 14, 2017
Total Cyanide (CNT)	0.007 mg/L	Sous-traitance\Multilab Direct	July 14, 2017
Nickel (Ni)	0.042 mg/L	Sous-traitance\Multilab Direct	July 18, 2017

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Detection limit

Lab number: V-65387

Sample name: ST-16

Sampling location: ST-16

Sampling date: July 09, 2017

Sampling hour: 14:30

Parameter	Value	Unit	Method	Accreditation
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Cyanide W.A.D.	0.001	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes

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Additional information

Lab number: V-65387
Sample name: ST-16
Sampling location: ST-16

Sampling date: July 09, 2017
Sampling hour: 14:30

Lab method	Method reference
M-MET-3.0	MA.200-Mét. 1.2
M-CN-1.0	MA.300-CN 1.2

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-65381

Sampling location: ST-31 WEP 2

Sampling date: July 10, 2017

Sample name: ST-31

Sampling hour: 08:15

Sampled by: MBA/VO

Date received: July 11, 2017

Matrix: Waste Water

Drinking water distribution:

Reported on: July 20, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

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Analytical Report

Lab number: V-65381

Sample name: ST-31

Sampling location: ST-31 WEP 2

Sampling date: July 10, 2017

Sampling hour: 08:15

Parameter	Result	Method name	Analysis date
Alkalinity	61 mg CaCO ₃ /L	M-TIT-1.0	July 11, 2017
Aluminium (Al)	0.049 mg/L	Sous-traitance\Multilab Direct	July 18, 2017
Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	July 18, 2017
Arsenic (As)	0.0041 mg/L	Sous-traitance\Multilab Direct	July 18, 2017
Barium (Ba)	0.0127 mg/L	Sous-traitance\Multilab Direct	July 18, 2017
Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	July 18, 2017
Chloride	21.7 mg/L	Sous-traitance\Multilab Direct	July 14, 2017
Chrome (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	July 18, 2017
Copper (Cu)	0.0011 mg/L	Sous-traitance\Multilab Direct	July 18, 2017
Cyanide W.A.D.	0.022 mg/L	Sous-traitance\Multilab Direct	July 14, 2017
Total Cyanide (CNT)	0.043 mg/L	Sous-traitance\Multilab Direct	July 14, 2017
Hardness	117 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	July 18, 2017
Iron (Fe)	0.2 mg/L	Sous-traitance\Multilab Direct	July 18, 2017
Fluoride (F)	0.19 mg/L	Sous-traitance\Multilab Direct	July 17, 2017
Total Suspended Solids	2 mg/L	M-SOLI-1.0	July 12, 2017
Manganese (Mn)	0.0520 mg/L	Sous-traitance\Multilab Direct	July 18, 2017
Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	July 14, 2017
Molybdenum (Mo)	0.0150 mg/L	Sous-traitance\Multilab Direct	July 18, 2017
Nickel (Ni)	0.0023 mg/L	Sous-traitance\Multilab Direct	July 18, 2017
Nitrate (NO ₃)	10.5 mg N/L	Sous-traitance\Multilab Direct	July 14, 2017
Nitrite (NO ₂)	0.26 mg N/L	Sous-traitance\Multilab Direct	July 13, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	July 18, 2017
Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 18, 2017
Dissolved Solids	302 mg/L	M-TIT-1.0	July 11, 2017
Sulfate (SO ₄)	51.7 mg SO ₄ /L	Sous-traitance\Multilab Direct	July 14, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	July 18, 2017
Zinc (Zn)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 18, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	6.7 mg N/L	Sous-traitance\H2Lab inc. (SAM)	July 13, 2017
Ammonia NH ₃ (non-ionized)	0.04 mg N/L	Sous-traitance\H2Lab inc. (SAM)	July 12, 2017

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Detection limit

Lab number: V-65381

Sample name: ST-31

Sampling date: July 10, 2017

Sampling location: ST-31 WEP 2

Sampling hour: 08:15

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO ₃ /L	M-TIT-1.0	
Aluminium (Al)	0.006	mg/L	Sous-traitance	
Silver (Ag)	0.0001	mg/L	Sous-traitance	Yes
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Chloride	0.5	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Cyanide W.A.D.	0.001	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO ₃ /L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes
Fluoride (F)	0.02	mg/L	Sous-traitance	Yes
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Nitrate (NO ₃)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO ₂)	0.01	mg N/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Dissolved Solids	1	mg/L	M-TIT-1.0	
Sulfate (SO ₄)	0.6	mg SO ₄ /L	Sous-traitance	Yes
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes

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Quality control Report

Lab number: V-65381

Sample name: ST-31

Sampling location: ST-31 WEP 2

Sampling date: July 10, 2017

Sampling hour: 08:15

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 151 Accuracy 95.9% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006 Standard name C00-046-705_X_1000 Result 0.994 Accuracy 99.4% Limit 0.800 - 1.200
Silver (Ag) mg/L	Blank <0.0001 Standard name DMR-0013-2017-Ag Result 0.0413 Accuracy 97.4% Limit 0.0339 - 0.0509
Arsenic (As) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1015 Accuracy 98.5% Limit 0.0700 - 0.1300
Barium (Ba) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0971 Accuracy 97.1% Limit 0.0800 - 0.1200
Cadmium (Cd) mg/L	Blank <0.00002 Standard name C00-046-705_X_1000 Result 0.11183 Accuracy 88.2% Limit 0.0800 - 0.1200
Chloride mg/L	Blank <0.5 Standard name DMR-0266-2017-Cl Result 113 Accuracy 95.4% Limit 95 - 121
Chrome (Cr) mg/L	Blank <0.0006 Standard name C00-046-705_X_1000 Result 0.0895 Accuracy 89.5% Limit 0.0800 - 0.1200
Copper (Cu) mg/L	Blank <0.0005

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Quality control Report

Lab number: V-65381

Sample name: ST-31

Sampling location: ST-31 WEP 2

Sampling date: July 10, 2017

Sampling hour: 08:15

Parameter	
	Standard name C00-046-705_X_1000
	Result 0.0960
	Accuracy 96%
	Limit 0.0800 - 0.1200
Cyanide W.A.D. mg/L	Blank <0.001
	Standard name DMR-0266-CNT
	Result 0.124
	Accuracy 100%
	Limit 0.105 - 0.143
Total Cyanide (CNT) mg/L	Blank <0.001
	Standard name DMR-0266-CNT
	Result 0.242
	Accuracy 99.6%
	Limit 0.205 - 0.277
Iron (Fe) mg/L	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.12
	Accuracy 88%
	Limit 0.800 - 1.200
Fluoride (F) mg/L	Blank <0.02
	Standard name DMR-0266-2017-F
	Result 2.31
	Accuracy 99.6%
	Limit 2.13 - 2.47
Total Suspended Solids mg/L	Blank <1
	Standard name STD-MES 250mg/L
	Result 231
	Accuracy 92.4%
	Limit 194 - 306
Total Suspended Solids mg/L	Standard name STD-MES 25mg/L
	Result 22
	Accuracy 88%
	Limit 19 - 31
Manganese (Mn) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0921
	Accuracy 92.1%
	Limit 0.0800 - 0.1200
Mercury (Hg) mg/L	Blank <0.00001
	Standard name DMR-0266-2017-HgEu

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Quality control Report

Lab number: V-65381

Sample name: ST-31

Sampling location: ST-31 WEP 2

Sampling date: July 10, 2017

Sampling hour: 08:15

Parameter	
	Result 0.00077
	Accuracy 90%
	Limit 0.00042 - 0.00098
	Sample duplicate <0.00001-<0.00001
Molybdenum (Mo) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1019
	Accuracy 98.1%
	Limit 0.0800 - 0.1200
Nickel (Ni) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0933
	Accuracy 93.3%
	Limit 0.0800 - 0.1200
Nitrate (NO3) mg N/L	Blank <0.01
Nitrite (NO2) mg N/L	Blank <0.01
	Standard name DMR-0266-2017-NO2-2
	Result 2.91
	Accuracy 92.6%
	Limit 2.30 - 3.12
Lead (Pb) mg/L	Blank <0.0003
	Standard name C00-046-705_X_1000
	Result 0.0923
	Accuracy 92.3%
	Limit 0.0800 - 0.1200
Selenium (Se) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.101
	Accuracy 99%
	Limit 0.0800 - 0.1200
Sulfate (SO4) mg SO4/L	Blank <0.6
	Standard name DMR-0266-2017-SO4
	Result 121
	Accuracy 98.4%
	Limit 114 - 132
Thallium (Tl) mg/L	Blank <0.0008
	Standard name Tl-S140909023-1000ppm
	Result 914
	Accuracy 91.4%
	Limit 800 - 1200

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Additional information

Lab number: V-65381

Sample name: ST-31

Sampling location: ST-31 WEP 2

Sampling date: July 10, 2017

Sampling hour: 08:15

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-CL-2.0	MA.300-Ions 1.3
M-CN-1.0	MA.300-CN 1.2
M-CI-1.0	MA.300-Anions 1.0
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-SULF-2.0	MA.300-Ions 1.3

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-65380

Sampling location: ST-30 WEP 1

Sampling date: July 10, 2017

Sample name: ST-30 DUP

Sampling hour: 08:00

Sampled by: Tom T

Date received: July 11, 2017

Matrix: Waste Water

Reported on: July 20, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Lab number: V-65380

Sample name: ST-30 DUP

Sampling location: ST-30 WEP 1

Sampling date: July 10, 2017

Sampling hour: 08:00

Parameter	Result	Method name	Analysis date
Alkalinity	87 mg CaCO ₃ /L	M-TIT-1.0	July 11, 2017
Aluminium (Al)	0.112 mg/L	Sous-traitance\Multilab Direct	July 18, 2017
Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	July 18, 2017
Arsenic (As)	0.0061 mg/L	Sous-traitance\Multilab Direct	July 18, 2017
Barium (Ba)	0.0075 mg/L	Sous-traitance\Multilab Direct	July 18, 2017
Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	July 18, 2017
Chloride	5 mg/L	Sous-traitance\Multilab Direct	July 14, 2017
Chrome (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	July 18, 2017
Copper (Cu)	0.0114 mg/L	Sous-traitance\Multilab Direct	July 18, 2017
Cyanide W.A.D.	0.002 mg/L	Sous-traitance\Multilab Direct	July 14, 2017
Total Cyanide (CNT)	0.037 mg/L	Sous-traitance\Multilab Direct	July 14, 2017
Hardness	82 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	July 18, 2017
Iron (Fe)	2.27 mg/L	Sous-traitance\Multilab Direct	July 18, 2017
Fluoride (F)	0.23 mg/L	Sous-traitance\Multilab Direct	July 17, 2017
Total Suspended Solids	3 mg/L	M-SOLI-1.0	July 12, 2017
Manganese (Mn)	0.1979 mg/L	Sous-traitance\Multilab Direct	July 18, 2017
Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	July 14, 2017
Molybdenum (Mo)	0.0022 mg/L	Sous-traitance\Multilab Direct	July 18, 2017
Nickel (Ni)	0.0044 mg/L	Sous-traitance\Multilab Direct	July 18, 2017
Nitrate (NO ₃)	11.1 mg N/L	Sous-traitance\Multilab Direct	July 14, 2017
Nitrite (NO ₂)	0.07 mg N/L	Sous-traitance\Multilab Direct	July 13, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	July 18, 2017
Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 18, 2017
Dissolved Solids	133 mg/L	M-TIT-1.0	July 11, 2017
Sulfate (SO ₄)	47.8 mg SO ₄ /L	Sous-traitance\Multilab Direct	July 14, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	July 18, 2017
Zinc (Zn)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 18, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	1.7 mg N/L	Sous-traitance\H2Lab inc. (SAM)	July 13, 2017
Ammonia NH ₃ (non-ionized)	0.01 mg N/L	Sous-traitance\H2Lab inc. (SAM)	July 12, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Detection limit

Lab number: V-65380

Sample name: ST-30 DUP

Sampling date: July 10, 2017

Sampling location: ST-30 WEP 1

Sampling hour: 08:00

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO ₃ /L	M-TIT-1.0	
Aluminium (Al)	0.006	mg/L	Sous-traitance	
Silver (Ag)	0.0001	mg/L	Sous-traitance	Yes
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Chloride	0.5	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Cyanide W.A.D.	0.001	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO ₃ /L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes
Fluoride (F)	0.02	mg/L	Sous-traitance	Yes
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Nitrate (NO ₃)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO ₂)	0.01	mg N/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Dissolved Solids	1	mg/L	M-TIT-1.0	
Sulfate (SO ₄)	0.6	mg SO ₄ /L	Sous-traitance	Yes
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes

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Quality control Report

Lab number: V-65380

Sample name: ST-30 DUP

Sampling location: ST-30 WEP 1

Sampling date: July 10, 2017

Sampling hour: 08:00

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 151 Accuracy 95.9% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006 Standard name C00-046-705_X_1000 Result 0.994 Accuracy 99.4% Limit 0.800 - 1.200
Silver (Ag) mg/L	Blank <0.0001 Standard name DMR-0013-2017-Ag Result 0.0413 Accuracy 97.4% Limit 0.0339 - 0.0509
Arsenic (As) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1015 Accuracy 98.5% Limit 0.0700 - 0.1300
Barium (Ba) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0971 Accuracy 97.1% Limit 0.0800 - 0.1200
Cadmium (Cd) mg/L	Blank <0.00002 Standard name C00-046-705_X_1000 Result 0.11183 Accuracy 88.2% Limit 0.0800 - 0.1200
Chloride mg/L	Blank <0.5 Standard name DMR-0266-2017-Cl Result 113 Accuracy 95.4% Limit 95 - 121
Chrome (Cr) mg/L	Blank <0.0006 Standard name C00-046-705_X_1000 Result 0.0895 Accuracy 89.5% Limit 0.0800 - 0.1200
Copper (Cu) mg/L	Blank <0.0005

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Quality control Report

Lab number: V-65380

Sample name: ST-30 DUP

Sampling location: ST-30 WEP 1

Sampling date: July 10, 2017

Sampling hour: 08:00

Parameter	
	Standard name C00-046-705_X_1000
	Result 0.0960
	Accuracy 96%
	Limit 0.0800 - 0.1200
Cyanide W.A.D. mg/L	Blank <0.001
	Standard name DMR-0266-CNT
	Result 0.124
	Accuracy 100%
	Limit 0.105 - 0.143
Total Cyanide (CNT) mg/L	Blank <0.001
	Standard name DMR-0266-CNT
	Result 0.242
	Accuracy 99.6%
	Limit 0.205 - 0.277
Iron (Fe) mg/L	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.12
	Accuracy 88%
	Limit 0.800 - 1.200
Fluoride (F) mg/L	Blank <0.02
	Standard name DMR-0266-2017-F
	Result 2.31
	Accuracy 99.6%
	Limit 2.13 - 2.47
Total Suspended Solids mg/L	Blank <1
	Standard name STD-MES 250mg/L
	Result 231
	Accuracy 92.4%
	Limit 194 - 306
Total Suspended Solids mg/L	Standard name STD-MES 25mg/L
	Result 22
	Accuracy 88%
	Limit 19 - 31
Manganese (Mn) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0921
	Accuracy 92.1%
	Limit 0.0800 - 0.1200
Mercury (Hg) mg/L	Blank <0.00001
	Standard name DMR-0266-2017-HgEu

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Quality control Report

Lab number: V-65380

Sample name: ST-30 DUP

Sampling location: ST-30 WEP 1

Sampling date: July 10, 2017

Sampling hour: 08:00

Parameter	
Molybdenum (Mo) mg/L	Result 0.00077
	Accuracy 90%
	Limit 0.00042 - 0.00098
	Blank <0.0005
	Standard name C00-046-705_X_1000
Nickel (Ni) mg/L	Result 0.1019
	Accuracy 98.1%
	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name C00-046-705_X_1000
Nitrate (NO3) mg N/L	Result 0.0933
	Accuracy 93.3%
	Limit 0.0800 - 0.1200
	Blank <0.01
	Nitrite (NO2) mg N/L
Standard name DMR-0266-2017-NO2-2	
Result 2.91	
Accuracy 92.6%	
Limit 2.30 - 3.12	
Lead (Pb) mg/L	Blank <0.0003
	Standard name C00-046-705_X_1000
	Result 0.0923
	Accuracy 92.3%
	Limit 0.0800 - 0.1200
Selenium (Se) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.101
	Accuracy 99%
	Limit 0.0800 - 0.1200
Sulfate (SO4) mg SO4/L	Blank <0.6
	Standard name DMR-0266-2017-SO4
	Result 121
	Accuracy 98.4%
	Limit 114 - 132
Thallium (Tl) mg/L	Blank <0.0008
	Standard name Tl-S140909023-1000ppm
	Result 914
	Accuracy 91.4%
	Limit 800 - 1200
Zinc (Zn) mg/L	Blank <0.001

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Additional information

Lab number: V-65380
Sample name: ST-30 DUP
Sampling location: ST-30 WEP 1

Sampling date: July 10, 2017
Sampling hour: 08:00

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-CL-2.0	MA.300-Ions 1.3
M-CN-1.0	MA.300-CN 1.2
M-CI-1.0	MA.300-Anions 1.0
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-SULF-2.0	MA.300-Ions 1.3

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-65382

Sampling location: ST-31 WEP 2

Sampling date: July 10, 2017

Sample name: ST-31 DUP

Sampling hour: 08:15

Sampled by: MBA/VO

Date received: July 11, 2017

Matrix: Waste Water

Drinking water distribution:

Reported on: July 20, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Lab number: V-65382

Sample name: ST-31 DUP

Sampling date: July 10, 2017

Sampling location: ST-31 WEP 2

Sampling hour: 08:15

Parameter	Result	Method name	Analysis date
Alkalinity	60 mg CaCO ₃ /L	M-TIT-1.0	July 11, 2017
Aluminium (Al)	0.044 mg/L	Sous-traitance\Multilab Direct	July 18, 2017
Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	July 18, 2017
Arsenic (As)	0.0045 mg/L	Sous-traitance\Multilab Direct	July 18, 2017
Barium (Ba)	0.0114 mg/L	Sous-traitance\Multilab Direct	July 18, 2017
Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	July 18, 2017
Chloride	22 mg/L	Sous-traitance\Multilab Direct	July 14, 2017
Chrome (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	July 18, 2017
Copper (Cu)	0.001 mg/L	Sous-traitance\Multilab Direct	July 18, 2017
Cyanide W.A.D.	0.023 mg/L	Sous-traitance\Multilab Direct	July 14, 2017
Total Cyanide (CNT)	0.042 mg/L	Sous-traitance\Multilab Direct	July 14, 2017
Hardness	109 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	July 18, 2017
Iron (Fe)	0.19 mg/L	Sous-traitance\Multilab Direct	July 18, 2017
Fluoride (F)	0.19 mg/L	Sous-traitance\Multilab Direct	July 17, 2017
Total Suspended Solids	2 mg/L	M-SOLI-1.0	July 12, 2017
Manganese (Mn)	0.0469 mg/L	Sous-traitance\Multilab Direct	July 18, 2017
Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	July 14, 2017
Molybdenum (Mo)	0.0140 mg/L	Sous-traitance\Multilab Direct	July 18, 2017
Nickel (Ni)	0.0025 mg/L	Sous-traitance\Multilab Direct	July 18, 2017
Nitrate (NO ₃)	23.4 mg N/L	Sous-traitance\Multilab Direct	July 14, 2017
Nitrite (NO ₂)	0.25 mg N/L	Sous-traitance\Multilab Direct	July 13, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	July 18, 2017
Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 18, 2017
Dissolved Solids	302 mg/L	M-TIT-1.0	July 11, 2017
Sulfate (SO ₄)	43.3 mg SO ₄ /L	Sous-traitance\Multilab Direct	July 14, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	July 18, 2017
Zinc (Zn)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 18, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	6.8 mg N/L	Sous-traitance\H2Lab inc. (SAM)	July 13, 2017
Ammonia NH ₃ (non-ionized)	0.03 mg N/L	Sous-traitance\H2Lab inc. (SAM)	July 12, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Detection limit

Lab number: V-65382

Sample name: ST-31 DUP

Sampling date: July 10, 2017

Sampling location: ST-31 WEP 2

Sampling hour: 08:15

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO ₃ /L	M-TIT-1.0	
Aluminium (Al)	0.006	mg/L	Sous-traitance	
Silver (Ag)	0.0001	mg/L	Sous-traitance	Yes
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Chloride	0.5	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Cyanide W.A.D.	0.001	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO ₃ /L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes
Fluoride (F)	0.02	mg/L	Sous-traitance	Yes
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Nitrate (NO ₃)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO ₂)	0.01	mg N/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Dissolved Solids	1	mg/L	M-TIT-1.0	
Sulfate (SO ₄)	0.6	mg SO ₄ /L	Sous-traitance	Yes
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

This report shall not be reproduced except in full without the written authority of the laboratory.



Quality control Report

Lab number: V-65382

Sample name: ST-31 DUP

Sampling location: ST-31 WEP 2

Sampling date: July 10, 2017

Sampling hour: 08:15

Parameter	
Alkalinity mg CaCO3/L	Standard name STD alcalinité Result 151 Accuracy 95.9% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006 Standard name C00-046-705_X_1000 Result 0.994 Accuracy 99.4% Limit 0.800 - 1.200
Silver (Ag) mg/L	Blank <0.0001 Standard name DMR-0013-2017-Ag Result 0.0413 Accuracy 97.4% Limit 0.0339 - 0.0509
Arsenic (As) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1015 Accuracy 98.5% Limit 0.0700 - 0.1300
Barium (Ba) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0971 Accuracy 97.1% Limit 0.0800 - 0.1200
Cadmium (Cd) mg/L	Blank <0.00002 Standard name C00-046-705_X_1000 Result 0.11183 Accuracy 88.2% Limit 0.0800 - 0.1200
Chloride mg/L	Blank <0.5 Standard name DMR-0266-2017-Cl Result 113 Accuracy 95.4% Limit 95 - 121
Chrome (Cr) mg/L	Blank <0.0006 Standard name C00-046-705_X_1000 Result 0.0895 Accuracy 89.5% Limit 0.0800 - 0.1200
Copper (Cu) mg/L	Blank <0.0005

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Quality control Report

Lab number: V-65382

Sample name: ST-31 DUP

Sampling location: ST-31 WEP 2

Sampling date: July 10, 2017

Sampling hour: 08:15

Parameter	
	Standard name C00-046-705_X_1000
	Result 0.0960
	Accuracy 96%
	Limit 0.0800 - 0.1200
Cyanide W.A.D. mg/L	Blank <0.001
	Standard name DMR-0266-CNT
	Result 0.124
	Accuracy 100%
	Limit 0.105 - 0.143
	Sample duplicate 0.023-0.024
Total Cyanide (CNT) mg/L	Blank <0.001
	Standard name DMR-0266-CNT
	Result 0.242
	Accuracy 99.6%
	Limit 0.205 - 0.277
	Sample duplicate 0.042-0.041
Iron (Fe) mg/L	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.12
	Accuracy 88%
	Limit 0.800 - 1.200
Fluoride (F) mg/L	Blank <0.02
	Standard name DMR-0266-2017-F
	Result 2.31
	Accuracy 99.6%
	Limit 2.13 - 2.47
Total Suspended Solids mg/L	Blank <1
	Standard name STD-MES 250mg/L
	Result 231
	Accuracy 92.4%
	Limit 194 - 306
Total Suspended Solids mg/L	Standard name STD-MES 25mg/L
	Result 22
	Accuracy 88%
	Limit 19 - 31
Manganese (Mn) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0921
	Accuracy 92.1%
	Limit 0.0800 - 0.1200

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Quality control Report

Lab number: V-65382

Sample name: ST-31 DUP

Sampling location: ST-31 WEP 2

Sampling date: July 10, 2017

Sampling hour: 08:15

Parameter		
Mercury (Hg) mg/L	Blank <0.00001	
	Standard name DMR-0266-2017-HgEu	
	Result 0.00077	
	Accuracy 90%	
	Limit 0.00042 - 0.00098	
Molybdenum (Mo) mg/L	Blank <0.0005	
	Standard name C00-046-705_X_1000	
	Result 0.1019	
	Accuracy 98.1%	
	Limit 0.0800 - 0.1200	
Nickel (Ni) mg/L	Blank <0.0005	
	Standard name C00-046-705_X_1000	
	Result 0.0933	
	Accuracy 93.3%	
	Limit 0.0800 - 0.1200	
Nitrate (NO3) mg N/L	Blank <0.01	
	Nitrite (NO2) mg N/L	Standard name DMR-0266-2017-NO2-2
		Result 2.91
		Accuracy 92.6%
		Limit 2.30 - 3.12
Lead (Pb) mg/L		Blank <0.0003
	Standard name C00-046-705_X_1000	
	Result 0.0923	
	Accuracy 92.3%	
	Limit 0.0800 - 0.1200	
Selenium (Se) mg/L	Blank <0.001	
	Standard name C00-046-705_X_1000	
	Result 0.101	
	Accuracy 99%	
	Limit 0.0800 - 0.1200	
Sulfate (SO4) mg SO4/L	Blank <0.6	
	Standard name DMR-0266-2017-SO4	
	Result 126	
	Accuracy 97.6%	
	Limit 114 - 132	
Thallium (Tl) mg/L	Sample duplicate 43.3-42.9	
	Blank <0.0008	
	Standard name TI-S140909023-1000ppm	
	Result 914	

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Additional information

Lab number: V-65382
Sample name: ST-31 DUP
Sampling location: ST-31 WEP 2

Sampling date: July 10, 2017
Sampling hour: 08:15

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-CL-2.0	MA.300-Ions 1.3
M-CN-1.0	MA.300-CN 1.2
M-CI-1.0	MA.300-Anions 1.0
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-SULF-2.0	MA.300-Ions 1.3

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-65376

Sampling location: ST-10 N 65 04.11,9 W 95 59.52,7

Sampling date: July 10, 2017

Sample name: ST-10/ST-MMER-2

Sampling hour: 07:30

Sampled by: MBA/VO

Date received: July 11, 2017

Matrix: Water

Drinking water distribution: **Vault**

Reported on: July 31, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

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Analytical Report

Lab number: V-65376

Sample name: ST-10/ST-MMER-2

Sampling date: July 10, 2017

Sampling location: ST-10 N 65 04.11,9 W 95 59.52,7

Sampling hour: 07:30

Parameter	Result	Method name	Analysis date
Alkalinity	52 mg CaCO ₃ /L	M-TIT-1.0	July 11, 2017
Aluminium (Al)	0.101 mg/L	Sous-traitance\Multilab Direct	July 14, 2017
Dissolved Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	July 14, 2017
Antimony (Sb)	0.0008 mg/L	Sous-traitance\Multilab Direct	July 14, 2017
Dissolved Antimony (Sb)	0.0015 mg/L	Sous-traitance\Multilab Direct	July 14, 2017
Arsenic (As)	0.0043 mg/L	Sous-traitance\Multilab Direct	July 14, 2017
Dissolved Arsenic (As)	0.0193 mg/L	Sous-traitance\Multilab Direct	July 14, 2017
Barium (Ba)	0.0117 mg/L	Sous-traitance\Multilab Direct	July 14, 2017
Dissolved Barium (Ba)	0.0106 mg/L	Sous-traitance\Multilab Direct	July 14, 2017
Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 14, 2017
Dissolved Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 14, 2017
bicarbonate (HCO ₃)	52 mg CaCO ₃ /L	M-TIT-1.0	July 11, 2017
Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	July 14, 2017
Dissolved Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	July 14, 2017
Cadmium (Cd)	0.00003 mg/L	Sous-traitance\Multilab Direct	July 14, 2017
Dissolved Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	July 14, 2017
Calcium (Ca)	17.7 mg/L	Sous-traitance\Multilab Direct	July 14, 2017
Carbonate (CO ₃)	<2 mg CaCO ₃ /L	M-TIT-1.0	July 11, 2017
Dissolved Organic Carbon (D.O.C.)	5.1 mg/L	M-COT-1.0	July 11, 2017
Total Organic Carbon (T.O.C.)	5.6 mg/L	M-COT-1.0	July 11, 2017
Chloride	5.6 mg/L	Sous-traitance\Multilab Direct	July 14, 2017
Chrome (Cr)	0.0008 mg/L	Sous-traitance\Multilab Direct	July 14, 2017
Dissolved Chromium (Cr)	0.0016 mg/L	Sous-traitance\Multilab Direct	July 14, 2017
Copper (Cu)	0.0024 mg/L	Sous-traitance\Multilab Direct	July 14, 2017
Dissolved Copper (Cu)	0.0163 mg/L	Sous-traitance\Multilab Direct	July 14, 2017
Total Cyanide (CNT)	0.205 mg/L	Sous-traitance\Multilab Direct	July 14, 2017
Hardness	63 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	July 14, 2017
Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 14, 2017
dissolved Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 14, 2017
Iron (Fe)	0.19 mg/L	Sous-traitance\Multilab Direct	July 14, 2017
Dissolved Iron (Fe)	0.01 mg/L	Sous-traitance\Multilab Direct	July 14, 2017
Hydrocarbons (C10-C50)	<0.1 mg/L	M-HYD-2.0	July 24, 2017
Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	July 18, 2017
Dissolved Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	July 18, 2017
Total Suspended Solids	4 mg/L	M-SOLI-1.0	July 12, 2017
Magnesium (Mg)	4.65 mg/L	Sous-traitance\Multilab Direct	July 14, 2017
Manganese (Mn)	0.0541 mg/L	Sous-traitance\Multilab Direct	July 14, 2017
Dissolved Manganese (Mn)	0.0354 mg/L	Sous-traitance\Multilab Direct	July 14, 2017
Mercury (Hg)	0.0003 mg/L	Sous-traitance\Multilab Direct	July 14, 2017
Dissolved Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	July 14, 2017

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Analytical Report

Lab number: V-65376

Sample name: ST-10/ST-MMER-2

Sampling date: July 10, 2017

Sampling location: ST-10 N 65 04.11,9 W 95 59.52,7

Sampling hour: 07:30

Parameter	Result	Method name	Analysis date
Molybdenum (Mo)	0.0084 mg/L	Sous-traitance\Multilab Direct	July 14, 2017
Dissolved Molybdenum (Mo)	0.0084 mg/L	Sous-traitance\Multilab Direct	July 14, 2017
Nickel (Ni)	0.0038 mg/L	Sous-traitance\Multilab Direct	July 14, 2017
Dissolved Nickel (Ni)	0.0034 mg/L	Sous-traitance\Multilab Direct	July 14, 2017
Nitrate (NO3)	2.23 mg N/L	Sous-traitance\Multilab Direct	July 14, 2017
Nitrite (NO2)	0.05 mg N/L	Sous-traitance\Multilab Direct	July 13, 2017
Ortho-Phosphate (O-PO4)	0.02 mg P/L	Sous-traitance\Multilab Direct	July 13, 2017
Lead (Pb)	0.1225 mg/L	Sous-traitance\Multilab Direct	July 14, 2017
Dissolved Lead (Pb)	0.019 mg/L	Sous-traitance\Multilab Direct	July 14, 2017
Potassium (K)	2.73 mg/L	Sous-traitance\Multilab Direct	July 14, 2017
Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 14, 2017
Dissolved Selenium (Se)	0.002 mg/L	Sous-traitance\Multilab Direct	July 14, 2017
Reactive silica (SiO2)	2.6 mg/L	Sous-traitance\Maxxam	July 18, 2017
Sodium (Na)	2.52 mg/L	Sous-traitance\Multilab Direct	July 14, 2017
Dissolved Solids	118 mg/L	M-TIT-1.0	July 11, 2017
Strontium (Sr)	0.104 mg/L	Sous-traitance\Multilab Direct	July 18, 2017
dissolved Strontium (Sr)	0.105 mg/L	Sous-traitance\Multilab Direct	July 18, 2017
Sulfate (SO4)	32.7 mg SO4/L	Sous-traitance\Multilab Direct	July 14, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	July 18, 2017
Dissolved thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	July 18, 2017
Titanium (Ti)	0.02 mg/L	Sous-traitance\Multilab Direct	July 14, 2017
Dissolved titanium (Ti)	0.01 mg/L	Sous-traitance\Multilab Direct	July 14, 2017
Uranium (U)	0.002 mg/L	Sous-traitance\Multilab Direct	July 14, 2017
Dissolved Uranium (U)	0.001 mg/L	Sous-traitance\Multilab Direct	July 14, 2017
Vanadium (V)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 14, 2017
Dissolved Vanadium	0.0013 mg/L	Sous-traitance\Multilab Direct	July 14, 2017
Zinc (Zn)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 14, 2017
Dissolved Zinc	<0.001 mg/L	Sous-traitance\Multilab Direct	July 14, 2017
Ammonia nitrogen (NH3-NH4)	1.1 mg N/L	Sous-traitance\H2Lab inc. (SAM)	July 13, 2017
Kjeldahl nitrogen	1.1 mg N/L	Sous-traitance\H2Lab inc. (SAM)	July 12, 2017
Ammonia NH3 (non-ionized)	<0.1 mg N/L	Sous-traitance\H2Lab inc. (SAM)	July 19, 2017
Total Phosphorus (P)	0.05 mg P/L	Sous-traitance\H2Lab inc. (SAM)	July 17, 2017

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Detection limit

Lab number: V-65376

Sample name: ST-10/ST-MMER-2

Sampling date: July 10, 2017

Sampling location: ST-10 N 65 04.11,9 W 95 59.52,7

Sampling hour: 07:30

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO3/L	M-TIT-1.0	
Aluminium (Al)	0.006	mg/L	Sous-traitance	
Dissolved Aluminium (Al)	0.006	mg/L	Sous-traitance	
Antimony (Sb)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Antimony (Sb)	0.0001	mg/L	Sous-traitance	
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Arsenic (As)	0.0005	mg/L	Sous-traitance	
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Barium (Ba)	0.0005	mg/L	Sous-traitance	
Beryllium (Be)	0.0005	mg/L	Sous-traitance	
Dissolved Beryllium (Be)	0.0005	mg/L	Sous-traitance	
bicarbonate (HCO3)	2	mg CaCO3/L	M-TIT-1.0	
Boron (B)	0.01	mg/L	Sous-traitance	Yes
Dissolved Boron (B)	0.01	mg/L	Sous-traitance	
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Dissolved Cadmium (Cd)	0.00002	mg/L	Sous-traitance	
Calcium (Ca)	0.03	mg/L	Sous-traitance	Yes
Carbonate (CO3)	2	mg CaCO3/L	M-TIT-1.0	
Dissolved Organic Carbon (D.O.C.)	0.2	mg/L	M-COT-1.0	--
Total Organic Carbon (T.O.C.)	0.2	mg/L	M-COT-1.0	Yes
Chloride	0.5	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Dissolved Chromium (Cr)	0.0006	mg/L	Sous-traitance	
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Copper (Cu)	0.0005	mg/L	Sous-traitance	
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO3/L	Sous-traitance	
Tin (Sn)	0.001	mg/L	Sous-traitance	Yes
dissolved Tin (Sn)	0.001	mg/L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes
Dissolved Iron (Fe)	0.01	mg/L	Sous-traitance	
Hydrocarbons (C10-C50)	0.1	mg/L	M-HYD-2.0	Yes
Lithium (Li)	0.005	mg/L	Sous-traitance	
Dissolved Lithium (Li)	0.005	mg/L	Sous-traitance	
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Magnesium (Mg)	0.02	mg/L	Sous-traitance	Yes
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Manganese (Mn)	0.0005	mg/L	Sous-traitance	
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Dissolved Mercury (Hg)	0.00001	mg/L	Sous-traitance	

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Detection limit

Lab number: V-65376

Sample name: ST-10/ST-MMER-2

Sampling date: July 10, 2017

Sampling location: ST-10 N 65 04.11,9 W 95 59.5:

Sampling hour: 07:30

Parameter	Value	Unit	Method	Accreditation
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Nickel (Ni)	0.0005	mg/L	Sous-traitance	
Nitrate (NO ₃)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO ₂)	0.01	mg N/L	Sous-traitance	Yes
Ortho-Phosphate (O-PO ₄)	0.01	mg P/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Dissolved Lead (Pb)	0.0003	mg/L	Sous-traitance	
Potassium (K)	0.05	mg/L	Sous-traitance	
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Dissolved Selenium (Se)	0.001	mg/L	Sous-traitance	
Reactive silica (SiO ₂)		mg/L	Sous-traitance	
Sodium (Na)	0.05	mg/L	Sous-traitance	Yes
Dissolved Solids	1	mg/L	M-TIT-1.0	
Strontium (Sr)	0.005	mg/L	Sous-traitance	
dissolved Strontium (Sr)	0.005	mg/L	Sous-traitance	
Sulfate (SO ₄)	0.6	mg SO ₄ /L	Sous-traitance	Yes
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Dissolved thallium (Tl)	0.0008	mg/L	Sous-traitance	
Titanium (Ti)	0.01	mg/L	Sous-traitance	
Dissolved titanium (Ti)	0.01	mg/L	Sous-traitance	
Uranium (U)	0.001	mg/L	Sous-traitance	
Dissolved Uranium (U)	0.001	mg/L	Sous-traitance	
Vanadium (V)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Vanadium	0.0005	mg/L	Sous-traitance	
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes
Dissolved Zinc	0.001	mg/L	Sous-traitance	
Kjeldahl nitrogen	0.05	mg N/L	Sous-traitance	
Total Phosphorus (P)	0.001	mg P/L	Sous-traitance	

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Quality control Report

Lab number: V-65376

Sample name: ST-10/ST-MMER-2

Sampling date: July 10, 2017

Sampling location: ST-10 N 65 04.11,9 W 95 59.52,7

Sampling hour: 07:30

Parameter	
Alkalinity mg CaCO3/L	Standard name STD alcalinité Result 151 Accuracy 95.9% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006
	Standard name DMR-0219-2017-Eu Result 6.52 Accuracy 96% Limit 5.02 - 7.52
Dissolved Aluminium (Al) mg/L	Blank <0.006
	Standard name DMR-0219-2017-Eu Result 6.25 Accuracy 99.7% Limit 5.02 - 7.52
Antimony (Sb) mg/L	Blank <0.0001
	Standard name DMR-0219-2017-Eu Result 0.1816 Accuracy 81.8% Limit 0.178 - 0.266
Dissolved Antimony (Sb) mg/L	Blank <0.0001
	Standard name C00-046-705_X_1000 Result 0.0102 Accuracy 98% Limit 0.0080 - 0.0120
Arsenic (As) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu Result 0.2897 Accuracy 98% Limit 0.199 - 0.369
Dissolved Arsenic (As) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu Result 0.3025 Accuracy 93.5% Limit 0.199 - 0.369
Barium (Ba) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu Result 2.431 Accuracy 100% Limit 1.94 - 2.92
Dissolved Barium (Ba) mg/L	Blank <0.0005

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Quality control Report

Lab number: V-65376

Sample name: ST-10/ST-MMER-2

Sampling date: July 10, 2017

Sampling location: ST-10 N 65 04.11,9 W 95 59.52,7

Sampling hour: 07:30

Parameter	
	Standard name DMR-0219-2017-Eu
	Result 2.365
	Accuracy 97.3%
	Limit 1.94 - 2.92
Beryllium (Be) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.842
	Accuracy 91.6%
	Limit 1.36 - 2.04
Dissolved Beryllium (Be) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.790
	Accuracy 94.7%
	Limit 1.36 - 2.04
Boron (B) mg/L	Blank <0.01
	Standard name DMR-0219-2017-Eu
	Result 3.29
	Accuracy 85.8%
	Limit 2.30 - 3.46
Dissolved Boron (B) mg/L	Blank <0.01
	Standard name DMR-0219-2017-Eu
	Result 3.26
	Accuracy 86.8%
	Limit 2.30 - 3.46
Cadmium (Cd) mg/L	Blank <0.00002
	Standard name DMR-0219-2017-Eu
	Result 0.95424
	Accuracy 94.1%
	Limit 0.721 - 1.081
Dissolved Cadmium (Cd) mg/L	Blank <0.00002
	Standard name DMR-0219-2017-Eu
	Result 0.91091
	Accuracy 98.9%
	Limit 0.721 - 1.081
Calcium (Ca) mg/L	Blank <0.03
	Standard name DMR-0219-2017-Eu
	Result 17.6
	Accuracy 87.1%
	Limit 16.2 - 24.2
Dissolved Organic Carbon (D.O.C.) mg/L	Blank <0.2

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Quality control Report

Lab number: V-65376

Sample name: ST-10/ST-MMER-2

Sampling date: July 10, 2017

Sampling location: ST-10 N 65 04.11,9 W 95 59.52,7

Sampling hour: 07:30

Parameter	
	Standard name COD 10mg/L
	Result 11
	Accuracy 90%
	Limit 8 - 12
Total Organic Carbon (T.O.C.) mg/L	Blank <0.2
	Standard name COT 10mg/L
	Result 11
	Accuracy 90%
	Limit 8 - 12
Chloride mg/L	Blank <0.5
	Standard name DMR-0266-2017-CI
	Result 113
	Accuracy 95.4%
	Limit 95 - 121
Chrome (Cr) mg/L	Blank <0.0006
	Standard name DMR-0219-2017-Eu
	Result 4.074
	Accuracy 99.4%
	Limit 3.24 - 4.86
Dissolved Chromium (Cr) mg/L	Blank <0.0006
	Standard name DMR-0219-2017-Eu
	Result 3.995
	Accuracy 98.6%
	Limit 3.24 - 4.86
Copper (Cu) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.404
	Accuracy 90.3%
	Limit 1.02 - 1.54
Dissolved Copper (Cu) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.459
	Accuracy 86%
	Limit 1.02 - 1.54
Total Cyanide (CNt) mg/L	Blank <0.001
	Standard name DMR-0266-CNT
	Result 0.242
	Accuracy 99.6%
	Limit 0.205 - 0.277
Tin (Sn) mg/L	Blank <0.001

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Quality control Report

Lab number: V-65376

Sample name: ST-10/ST-MMER-2

Sampling date: July 10, 2017

Sampling location: ST-10 N 65 04.11,9 W 95 59.52,7

Sampling hour: 07:30

Parameter	
dissolved Tin (Sn) mg/L	Standard name DMR-0310-2016-Sn
	Result 8.00
	Accuracy 88.2%
	Limit 7.26 - 10.88
	Blank <0.001
Iron (Fe) mg/L	Standard name DMR-0310-2016-Sn
	Result 8.19
	Accuracy 90.3%
	Limit 6.35 - 11.79
	Blank <0.01
Dissolved Iron (Fe) mg/L	Standard name DMR-0219-2017-Eu
	Result 12.2
	Accuracy 93%
	Limit 9.1 - 13.7
	Blank <0.01
Hydrocarbons (C10-C50) mg/L	Standard name DMR-0219-2017-Eu
	Result 12.1
	Accuracy 93.9%
	Limit 9.1 - 13.7
	Blank <0.1
Hydrocarbons (C10-C50) mg/L	Standard name C10C50-200ppm
	Result 1.30
	Accuracy 96%
	Limit 0.88 - 1.63
	Blank <0.1
Lithium (Li) mg/L	Standard name MR-0.625mg/L
	Result 0.700
	Accuracy 88%
	Limit 0.438 - 0.813
	Blank <0.005
Dissolved Lithium (Li) mg/L	Standard name DMR-0219-2017-Eu
	Result 0.835
	Accuracy 98.7%
	Limit 0.677 - 1.015
	Blank <0.005
Total Suspended Solids mg/L	Standard name DMR-0219-2017-Eu
	Result 0.793
	Accuracy 93.7%
	Limit 0.677 - 1.015
	Blank <1
	Standard name STD-MES 250mg/L

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Quality control Report

Lab number: V-65376

Sample name: ST-10/ST-MMER-2

Sampling date: July 10, 2017

Sampling location: ST-10 N 65 04.11,9 W 95 59.52,7

Sampling hour: 07:30

Parameter	
Total Suspended Solids mg/L	Result 231
	Accuracy 92.4%
	Limit 194 - 306
	Standard name STD-MES 25mg/L
Magnesium (Mg) mg/L	Result 22
	Accuracy 88%
	Limit 19 - 31
	Blank <0.02
Manganese (Mn) mg/L	Standard name DMR-0219-2017-Eu
	Result 8.06
	Accuracy 98.1%
	Limit 6.33 - 9.49
Dissolved Manganese (Mn) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 3.735
	Accuracy 95.8%
Mercury (Hg) mg/L	Limit 3.12 - 4.68
	Blank <0.0005
	Standard name DMR-0266-2017-HgEu
	Result 0.00077
Dissolved Mercury (Hg) mg/L	Accuracy 90%
	Limit 0.00042 - 0.00098
	Blank <0.00001
	Standard name DMR-0219-2017-HgEu
Molybdenum (Mo) mg/L	Result 0.00098
	Accuracy 60%
	Limit 0.00042 - 0.00098
	Blank <0.0005
Dissolved Molybdenum (Mo) mg/L	Standard name DMR-0219-2017-Eu
	Result 0.6714
	Accuracy 94.8%
	Limit 0.566 - 0.850
	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 0.6467

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Quality control Report

Lab number: V-65376

Sample name: ST-10/ST-MMER-2

Sampling date: July 10, 2017

Sampling location: ST-10 N 65 04.11,9 W 95 59.52,7

Sampling hour: 07:30

Parameter		
Nickel (Ni) mg/L	Accuracy 91.3%	
	Limit 0.566 - 0.850	
	Blank <0.0005	
	Standard name DMR-0219-2017-Eu	
	Result 1.168	
Dissolved Nickel (Ni) mg/L	Accuracy 97.5%	
	Limit 0.91 - 1.37	
	Blank <0.0005	
	Standard name DMR-0219-2017-Eu	
	Result 1.138	
Nitrate (NO3) mg N/L	Accuracy 99.8%	
	Limit 0.91 - 1.37	
	Blank <0.01	
	Nitrite (NO2) mg N/L	Blank <0.01
		Standard name DMR-0266-2017-NO2-2
Ortho-Phosphate (O-PO4) mg P/L	Result 2.91	
	Accuracy 92.6%	
	Limit 2.30 - 3.12	
	Blank <0.01	
	Standard name DMR-0266-2017-OPO4	
Lead (Pb) mg/L	Result 0.55	
	Accuracy 93.2%	
	Limit 0.52 - 0.66	
	Blank <0.0003	
	Standard name DMR-0219-2017-Eu	
Dissolved Lead (Pb) mg/L	Result 0.7765	
	Accuracy 86%	
	Limit 0.722 - 1.084	
	Blank <0.0003	
	Standard name DMR-0219-2017-Eu	
Potassium (K) mg/L	Result 0.8212	
	Accuracy 90.9%	
	Limit 0.722 - 1.084	
	Blank <0.05	
	Standard name DMR-0219-2017-Eu	
Selenium (Se) mg/L	Result 17.2	
	Accuracy 96.6%	
	Limit 14.2 - 21.4	
	Blank <0.001	
	Standard name DMR-0219-2017-Eu	

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Quality control Report

Lab number: V-65376

Sample name: ST-10/ST-MMER-2

Sampling date: July 10, 2017

Sampling location: ST-10 N 65 04.11,9 W 95 59.52,7

Sampling hour: 07:30

Parameter	
	Result 1.32
	Accuracy 97.8%
	Limit 1.08 - 1.62
Dissolved Selenium (Se) mg/L	Blank <0.001
	Standard name DMR-0219-2017-Eu
	Result 1.37
	Accuracy 98.5%
	Limit 1.08 - 1.62
Sodium (Na) mg/L	Blank <0.05
	Standard name DMR-0219-2017-Eu
	Result 28.4
	Accuracy 95.2%
	Limit 21.7 - 32.5
Strontium (Sr) mg/L	Blank <0.005
	Standard name DMR-0219-2017-Eu
	Result 1.21
	Accuracy 98.4%
	Limit 0.98 - 1.48
dissolved Strontium (Sr) mg/L	Blank <0.005
	Standard name DMR-0219-2017-Eu
	Result 1.24
	Accuracy 99.2%
	Limit 0.98 - 1.48
Sulfate (SO4) mg SO4/L	Blank <0.6
	Standard name DMR-0266-2017-SO4
	Result 121
	Accuracy 98.4%
	Limit 114 - 132
Thallium (Tl) mg/L	Blank <0.0008
	Standard name TI-S140909023-1000ppm
	Result 914
	Accuracy 91.4%
	Limit 800 - 1200
Dissolved thallium (Tl) mg/L	Blank <0.0008
	Standard name TI-S140909023-1000ppm
	Result 902
	Accuracy 90.2%
	Limit 800 - 1200
Titanium (Ti) mg/L	Blank <0.01
Dissolved titanium (Ti) mg/L	Blank <0.01

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Quality control Report

Lab number: V-65376

Sample name: ST-10/ST-MMER-2

Sampling date: July 10, 2017

Sampling location: ST-10 N 65 04.11,9 W 95 59.52,7

Sampling hour: 07:30

Parameter

Uranium (U) mg/L Blank <0.001
 Standard name DMR-0219-2017-Eu
 Result 1.68
 Accuracy 95.5%
 Limit 1.41 - 2.11

Dissolved Uranium (U) mg/L Blank <0.001
 Standard name DMR-0219-2017-Eu
 Result 1.74
 Accuracy 98.9%
 Limit 1.41 - 2.11

Vanadium (V) mg/L Blank <0.0005
 Standard name DMR-0219-2017-Eu
 Result 2.066
 Accuracy 96.2%
 Limit 1.59 - 2.39

Dissolved Vanadium mg/L Blank <0.0005
 Standard name DMR-0219-2017-Eu
 Result 1.883
 Accuracy 94.6%
 Limit 1.59 - 2.39

Zinc (Zn) mg/L Blank <0.001
 Standard name DMR-0219-2017-Eu
 Result 4.40
 Accuracy 96.5%
 Limit 3.65 - 5.47

Dissolved Zinc mg/L Blank <0.001
 Standard name DMR-0219-2017-Eu
 Result 4.60
 Accuracy 99.1%
 Limit 3.65 - 5.47

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Additional information

Lab number: V-65376

Sample name: ST-10/ST-MMER-2

Sampling location: ST-10 N 65 04.11,9 W 95 59.52,7

Sampling date: July 10, 2017

Sampling hour: 07:30

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-CL-2.0	MA.300-Ions 1.3
M-CN-1.0	MA.300-CN 1.2
M-HYD-2.0	MA.400-HYD. 1.1
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-P-2.0	MA.303-P 1.1
M-SULF-2.0	MA.300-Ions 1.3

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-65377

Sampling location: ST-10 N 65 04.11,9 W 95 59.52,7

Sampling date: July 10, 2017

Sample name: ST-10/ST-MMER-2

Sampling hour: 07:35

Sampled by: MBA/VO

Date received: July 11, 2017

Matrix: Water

Drinking water distribution: **Vault**

Reported on: July 12, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Lab number: V-65377

Sample name: ST-10/ST-MMER-2

Sampling date: July 10, 2017

Sampling location: ST-10 N 65 04.11,9 W 95 59.52,7

Sampling hour: 07:35

Parameter	Result	Method name	Analysis date
Total Suspended Solids	10 mg/L	M-SOLI-1.0	July 12, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Detection limit

Lab number: V-65377

Sample name: ST-10/ST-MMER-2

Sampling date: July 10, 2017

Sampling location: ST-10 N 65 04.11,9 W 95 59.52,7

Sampling hour: 07:35

Parameter	Value	Unit	Method	Accreditation
Total Suspended Solids		1 mg/L	M-SOLI-1.0	Yes

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Quality control Report

Lab number: V-65377

Sample name: ST-10/ST-MMER-2

Sampling date: July 10, 2017

Sampling location: ST-10 N 65 04.11,9 W 95 59.52,7

Sampling hour: 07:35

Parameter

Total Suspended Solids mg/L Blank <1
Standard name STD-MES 250mg/L
Result 231
Accuracy 92.4%
Limit 194 - 306

Total Suspended Solids mg/L Standard name STD-MES 25mg/L
Result 22
Accuracy 88%
Limit 19 - 31

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Additional information

Lab number: V-65377

Sample name: ST-10/ST-MMER-2

Sampling date: July 10, 2017

Sampling location: ST-10 N 65 04.11,9 W 95 59.52,7

Sampling hour: 07:35

Lab method	Method reference
M-SOLI-1.0	MA.104-S.S. 1.1

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-65379

Sampling location: ST-30 WEP 1

Sampling date: July 10, 2017

Sample name: ST-30

Sampling hour: 08:00

Sampled by: MBA/VO

Date received: July 11, 2017

Matrix: Waste Water

Reported on: July 20, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Lab number: V-65379

Sample name: ST-30

Sampling date: July 10, 2017

Sampling location: ST-30 WEP 1

Sampling hour: 08:00

Parameter	Result	Method name	Analysis date
Alkalinity	88 mg CaCO ₃ /L	M-TIT-1.0	July 11, 2017
Aluminium (Al)	0.195 mg/L	Sous-traitance\Multilab Direct	July 18, 2017
Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	July 18, 2017
Arsenic (As)	0.0035 mg/L	Sous-traitance\Multilab Direct	July 18, 2017
Barium (Ba)	0.0109 mg/L	Sous-traitance\Multilab Direct	July 18, 2017
Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	July 18, 2017
Chloride	5 mg/L	Sous-traitance\Multilab Direct	July 14, 2017
Chrome (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	July 18, 2017
Copper (Cu)	0.0148 mg/L	Sous-traitance\Multilab Direct	July 18, 2017
Cyanide W.A.D.	0.002 mg/L	Sous-traitance\Multilab Direct	July 14, 2017
Total Cyanide (CNT)	0.089 mg/L	Sous-traitance\Multilab Direct	July 14, 2017
Hardness	110 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	July 18, 2017
Iron (Fe)	2.68 mg/L	Sous-traitance\Multilab Direct	July 18, 2017
Fluoride (F)	0.24 mg/L	Sous-traitance\Multilab Direct	July 17, 2017
Total Suspended Solids	4 mg/L	M-SOLI-1.0	July 12, 2017
Manganese (Mn)	0.2604 mg/L	Sous-traitance\Multilab Direct	July 18, 2017
Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	July 14, 2017
Molybdenum (Mo)	0.0028 mg/L	Sous-traitance\Multilab Direct	July 18, 2017
Nickel (Ni)	0.0054 mg/L	Sous-traitance\Multilab Direct	July 18, 2017
Nitrate (NO ₃)	0.81 mg N/L	Sous-traitance\Multilab Direct	July 14, 2017
Nitrite (NO ₂)	0.06 mg N/L	Sous-traitance\Multilab Direct	July 13, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	July 18, 2017
Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 18, 2017
Dissolved Solids	185 mg/L	M-TIT-1.0	July 11, 2017
Sulfate (SO ₄)	49.2 mg SO ₄ /L	Sous-traitance\Multilab Direct	July 14, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	July 18, 2017
Zinc (Zn)	0.001 mg/L	Sous-traitance\Multilab Direct	July 18, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	1.5 mg N/L	Sous-traitance\H2Lab inc. (SAM)	July 13, 2017
Ammonia NH ₃ (non-ionized)	0.02 mg N/L	Sous-traitance\H2Lab inc. (SAM)	July 12, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Detection limit

Lab number: V-65379

Sample name: ST-30

Sampling date: July 10, 2017

Sampling location: ST-30 WEP 1

Sampling hour: 08:00

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO ₃ /L	M-TIT-1.0	
Aluminium (Al)	0.006	mg/L	Sous-traitance	
Silver (Ag)	0.0001	mg/L	Sous-traitance	Yes
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Chloride	0.5	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Cyanide W.A.D.	0.001	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO ₃ /L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes
Fluoride (F)	0.02	mg/L	Sous-traitance	Yes
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Nitrate (NO ₃)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO ₂)	0.01	mg N/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Dissolved Solids	1	mg/L	M-TIT-1.0	
Sulfate (SO ₄)	0.6	mg SO ₄ /L	Sous-traitance	Yes
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes

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Quality control Report

Lab number: V-65379

Sample name: ST-30

Sampling location: ST-30 WEP 1

Sampling date: July 10, 2017

Sampling hour: 08:00

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 151 Accuracy 95.9% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006 Standard name C00-046-705_X_1000 Result 0.994 Accuracy 99.4% Limit 0.800 - 1.200
Silver (Ag) mg/L	Blank <0.0001 Standard name DMR-0013-2017-Ag Result 0.0413 Accuracy 97.4% Limit 0.0339 - 0.0509
Arsenic (As) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1015 Accuracy 98.5% Limit 0.0700 - 0.1300
Barium (Ba) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0971 Accuracy 97.1% Limit 0.0800 - 0.1200
Cadmium (Cd) mg/L	Blank <0.00002 Standard name C00-046-705_X_1000 Result 0.11183 Accuracy 88.2% Limit 0.0800 - 0.1200
Chloride mg/L	Blank <0.5 Standard name DMR-0266-2017-Cl Result 113 Accuracy 95.4% Limit 95 - 121
Chrome (Cr) mg/L	Blank <0.0006 Standard name C00-046-705_X_1000 Result 0.0895 Accuracy 89.5% Limit 0.0800 - 0.1200
Copper (Cu) mg/L	Blank <0.0005

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Quality control Report

Lab number: V-65379

Sample name: ST-30

Sampling location: ST-30 WEP 1

Sampling date: July 10, 2017

Sampling hour: 08:00

Parameter	
	Standard name C00-046-705_X_1000
	Result 0.0960
	Accuracy 96%
	Limit 0.0800 - 0.1200
Cyanide W.A.D. mg/L	Blank <0.001
	Standard name DMR-0266-CNT
	Result 0.124
	Accuracy 100%
	Limit 0.105 - 0.143
Total Cyanide (CNT) mg/L	Blank <0.001
	Standard name DMR-0266-CNT
	Result 0.242
	Accuracy 99.6%
	Limit 0.205 - 0.277
Iron (Fe) mg/L	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.12
	Accuracy 88%
	Limit 0.800 - 1.200
Fluoride (F) mg/L	Blank <0.02
	Standard name DMR-0266-2017-F
	Result 2.31
	Accuracy 99.6%
	Limit 2.13 - 2.47
	Sample duplicate 0.24-0.23
Total Suspended Solids mg/L	Blank <1
	Standard name STD-MES 250mg/L
	Result 231
	Accuracy 92.4%
	Limit 194 - 306
Total Suspended Solids mg/L	Standard name STD-MES 25mg/L
	Result 22
	Accuracy 88%
	Limit 19 - 31
Manganese (Mn) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0921
	Accuracy 92.1%
	Limit 0.0800 - 0.1200
Mercury (Hg) mg/L	Blank <0.00001

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Quality control Report

Lab number: V-65379

Sample name: ST-30

Sampling location: ST-30 WEP 1

Sampling date: July 10, 2017

Sampling hour: 08:00

Parameter	
	Standard name DMR-0266-2017-HgEu
	Result 0.00077
	Accuracy 90%
	Limit 0.00042 - 0.00098
Molybdenum (Mo) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1019
	Accuracy 98.1%
	Limit 0.0800 - 0.1200
Nickel (Ni) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0933
	Accuracy 93.3%
	Limit 0.0800 - 0.1200
Nitrate (NO3) mg N/L	Blank <0.01
Nitrite (NO2) mg N/L	Blank <0.01
	Standard name DMR-0266-2017-NO2-2
	Result 2.91
	Accuracy 92.6%
	Limit 2.30 - 3.12
Lead (Pb) mg/L	Blank <0.0003
	Standard name C00-046-705_X_1000
	Result 0.0923
	Accuracy 92.3%
	Limit 0.0800 - 0.1200
Selenium (Se) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.101
	Accuracy 99%
	Limit 0.0800 - 0.1200
Sulfate (SO4) mg SO4/L	Blank <0.6
	Standard name DMR-0266-2017-SO4
	Result 121
	Accuracy 98.4%
	Limit 114 - 132
Thallium (Tl) mg/L	Blank <0.0008
	Standard name TI-S140909023-1000ppm
	Result 914
	Accuracy 91.4%
	Limit 800 - 1200

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Additional information

Lab number: V-65379

Sample name: ST-30

Sampling location: ST-30 WEP 1

Sampling date: July 10, 2017

Sampling hour: 08:00

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-CL-2.0	MA.300-Ions 1.3
M-CN-1.0	MA.300-CN 1.2
M-CI-1.0	MA.300-Anions 1.0
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-SULF-2.0	MA.300-Ions 1.3

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

This report shall not be reproduced except in full without the written authority of the laboratory.



Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-65385

Sampling location: ST-21 South

Sampling date: July 10, 2017

Sample name: ST-21 South

Sampling hour: 08:45

Sampled by: Tom T

Date received: July 11, 2017

Matrix: Waste Water

Reported on: July 31, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
This report shall not be reproduced except in full without the written authority of the laboratory.



Analytical Report

Lab number: V-65385

Sample name: ST-21 South

Sampling date: July 10, 2017

Sampling location: ST-21 South

Sampling hour: 08:45

Parameter	Result	Method name	Analysis date
Alkalinity	123 mg CaCO ₃ /L	M-TIT-1.0	July 11, 2017
Aluminium (Al)	0.07 mg/L	Sous-traitance\Multilab Direct	July 14, 2017
Dissolved Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	July 14, 2017
Silver (Ag)	0.0002 mg/L	Sous-traitance\Multilab Direct	July 14, 2017
Dissolved Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	July 14, 2017
Arsenic (As)	0.0218 mg/L	Sous-traitance\Multilab Direct	July 14, 2017
Dissolved Arsenic (As)	0.0282 mg/L	Sous-traitance\Multilab Direct	July 14, 2017
Barium (Ba)	0.0408 mg/L	Sous-traitance\Multilab Direct	July 14, 2017
Dissolved Barium (Ba)	0.0397 mg/L	Sous-traitance\Multilab Direct	July 14, 2017
Cadmium (Cd)	0.00102 mg/L	Sous-traitance\Multilab Direct	July 14, 2017
Dissolved Cadmium (Cd)	0.00092 mg/L	Sous-traitance\Multilab Direct	July 14, 2017
Chloride	307 mg/L	Sous-traitance\Multilab Direct	July 14, 2017
Chrome (Cr)	0.0009 mg/L	Sous-traitance\Multilab Direct	July 14, 2017
Dissolved Chromium (Cr)	0.0011 mg/L	Sous-traitance\Multilab Direct	July 14, 2017
Copper (Cu)	0.1046 mg/L	Sous-traitance\Multilab Direct	July 14, 2017
Dissolved Copper (Cu)	0.0730 mg/L	Sous-traitance\Multilab Direct	July 14, 2017
Cyanates (CNO)	23.1 mg CNO/L	Sous-traitance\Multilab Direct	July 20, 2017
Cyanide W.A.D.	0.037 mg/L	Sous-traitance\Multilab Direct	July 14, 2017
Total Cyanide (CNT)	0.100 mg/L	Sous-traitance\Multilab Direct	July 14, 2017
Hardness	828 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	July 14, 2017
Iron (Fe)	0.29 mg/L	Sous-traitance\Multilab Direct	July 14, 2017
Dissolved Iron (Fe)	0.02 mg/L	Sous-traitance\Multilab Direct	July 14, 2017
Fluoride (F)	0.39 mg/L	Sous-traitance\Multilab Direct	July 17, 2017
Total Suspended Solids	7 mg/L	M-SOLI-1.0	July 12, 2017
Manganese (Mn)	0.4063 mg/L	Sous-traitance\Multilab Direct	July 14, 2017
Dissolved Manganese (Mn)	0.3977 mg/L	Sous-traitance\Multilab Direct	July 14, 2017
Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	July 14, 2017
Dissolved Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	July 14, 2017
Molybdenum (Mo)	0.3588 mg/L	Sous-traitance\Multilab Direct	July 14, 2017
Dissolved Molybdenum (Mo)	0.3550 mg/L	Sous-traitance\Multilab Direct	July 14, 2017
Nickel (Ni)	0.0739 mg/L	Sous-traitance\Multilab Direct	July 14, 2017
Dissolved Nickel (Ni)	0.0738 mg/L	Sous-traitance\Multilab Direct	July 14, 2017
Nitrate (NO ₃)	2.36 mg N/L	Sous-traitance\Multilab Direct	July 14, 2017
Nitrite (NO ₂)	0.40 mg N/L	Sous-traitance\Multilab Direct	July 13, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	July 14, 2017
Dissolved Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	July 21, 2017
Selenium (Se)	0.025 mg/L	Sous-traitance\Multilab Direct	July 14, 2017
Selenium IV	0.003 mg/L	Sous-traitance\MDDEP (Quebec)	July 18, 2017
Selenium VI	0.018 mg/L	Sous-traitance\MDDEP (Quebec)	July 18, 2017
Dissolved Selenium (Se)	0.029 mg/L	Sous-traitance\Multilab Direct	July 14, 2017

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Analytical Report

Lab number: V-65385

Sample name: ST-21 South

Sampling date: July 10, 2017

Sampling location: ST-21 South

Sampling hour: 08:45

Parameter	Result	Method name	Analysis date
Dissolved Solids	2460 mg/L	M-TIT-1.0	July 11, 2017
Sulfate (SO4)	1445 mg SO4/L	Sous-traitance\Multilab Direct	July 14, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	July 18, 2017
Dissolved thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	July 18, 2017
Thiocyanate (SCN)	75.5 mg SCN/L	Sous-traitance\Multilab Direct	July 23, 2017
Zinc (Zn)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 14, 2017
Dissolved Zinc	<0.001 mg/L	Sous-traitance\Multilab Direct	July 14, 2017
Ammonia nitrogen (NH3-NH4)	37 mg N/L	Sous-traitance\H2Lab inc. (SAM)	July 12, 2017
Ammonia NH3 (non-ionized)	0.45 mg N/L	Sous-traitance\H2Lab inc. (SAM)	July 12, 2017

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Detection limit

Lab number: V-65385

Sample name: ST-21 South

Sampling date: July 10, 2017

Sampling location: ST-21 South

Sampling hour: 08:45

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO ₃ /L	M-TIT-1.0	
Aluminium (Al)	0.006	mg/L	Sous-traitance	
Dissolved Aluminium (Al)	0.006	mg/L	Sous-traitance	
Silver (Ag)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Silver (Ag)	0.0001	mg/L	Sous-traitance	
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Arsenic (As)	0.0005	mg/L	Sous-traitance	
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Barium (Ba)	0.0005	mg/L	Sous-traitance	
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Dissolved Cadmium (Cd)	0.00002	mg/L	Sous-traitance	
Chloride	0.5	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Dissolved Chromium (Cr)	0.0006	mg/L	Sous-traitance	
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Copper (Cu)	0.0005	mg/L	Sous-traitance	
Cyanates (CNO)	0.01	mg CNO/L	Sous-traitance	
Cyanide W.A.D.	0.001	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO ₃ /L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes
Dissolved Iron (Fe)	0.01	mg/L	Sous-traitance	
Fluoride (F)	0.02	mg/L	Sous-traitance	Yes
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Manganese (Mn)	0.0005	mg/L	Sous-traitance	
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Dissolved Mercury (Hg)	0.00001	mg/L	Sous-traitance	
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Nickel (Ni)	0.0005	mg/L	Sous-traitance	
Nitrate (NO ₃)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO ₂)	0.01	mg N/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Dissolved Lead (Pb)	0.0003	mg/L	Sous-traitance	
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Selenium IV	0.001	mg/L	Sous-traitance	
Selenium VI	0.001	mg/L	Sous-traitance	
Dissolved Selenium (Se)	0.001	mg/L	Sous-traitance	

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Detection limit

Lab number: V-65385

Sample name: ST-21 South

Sampling date: July 10, 2017

Sampling location: ST-21 South

Sampling hour: 08:45

Parameter	Value	Unit	Method	Accreditation
Dissolved Solids	1	mg/L	M-TIT-1.0	
Sulfate (SO4)	0.6	mg SO4/L	Sous-traitance	Yes
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Dissolved thallium (Tl)	0.0008	mg/L	Sous-traitance	
Thiocyanate (SCN)	0.05	mg SCN/L	Sous-traitance	Yes
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes
Dissolved Zinc	0.001	mg/L	Sous-traitance	

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Quality control Report

Lab number: V-65385

Sample name: ST-21 South

Sampling location: ST-21 South

Sampling date: July 10, 2017

Sampling hour: 08:45

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 151 Accuracy 95.9% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006
	Standard name DMR-0219-2017-Eu Result 6.52 Accuracy 96% Limit 5.02 - 7.52
Dissolved Aluminium (Al) mg/L	Blank <0.006
	Standard name DMR-0219-2017-Eu Result 6.25 Accuracy 99.7% Limit 5.02 - 7.52
Silver (Ag) mg/L	Blank <0.0001
	Standard name DMR-0013-2017-Ag Result 0.0399 Accuracy 94.1% Limit 0.0339 - 0.0509
Dissolved Silver (Ag) mg/L	Blank <0.0001
	Standard name DMR-0013-2017-Ag Result 0.0435 Accuracy 97.4% Limit 0.0339 - 0.0509
Arsenic (As) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu Result 0.2897 Accuracy 98% Limit 0.199 - 0.369
Dissolved Arsenic (As) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu Result 0.3025 Accuracy 93.5% Limit 0.199 - 0.369
Barium (Ba) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu Result 2.431 Accuracy 100% Limit 1.94 - 2.92
Dissolved Barium (Ba) mg/L	Blank <0.0005

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Quality control Report

Lab number: V-65385

Sample name: ST-21 South

Sampling location: ST-21 South

Sampling date: July 10, 2017

Sampling hour: 08:45

Parameter	
	Standard name DMR-0219-2017-Eu
	Result 2.365
	Accuracy 97.3%
	Limit 1.94 - 2.92
Cadmium (Cd) mg/L	Blank <0.00002
	Standard name DMR-0219-2017-Eu
	Result 0.95424
	Accuracy 94.1%
	Limit 0.721 - 1.081
Dissolved Cadmium (Cd) mg/L	Blank <0.00002
	Standard name DMR-0219-2017-Eu
	Result 0.91091
	Accuracy 98.9%
	Limit 0.721 - 1.081
Chloride mg/L	Blank <0.5
	Standard name DMR-0266-2017-CI
	Result 113
	Accuracy 95.4%
	Limit 95 - 121
Chrome (Cr) mg/L	Blank <0.0006
	Standard name DMR-0219-2017-Eu
	Result 4.074
	Accuracy 99.4%
	Limit 3.24 - 4.86
Dissolved Chromium (Cr) mg/L	Blank <0.0006
	Standard name DMR-0219-2017-Eu
	Result 3.995
	Accuracy 98.6%
	Limit 3.24 - 4.86
Copper (Cu) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.404
	Accuracy 90.3%
	Limit 1.02 - 1.54
Dissolved Copper (Cu) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.459
	Accuracy 86%
	Limit 1.02 - 1.54
Cyanates (CNO) mg CNO/L	Blank <0.01

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Quality control Report

Lab number: V-65385

Sample name: ST-21 South

Sampling location: ST-21 South

Sampling date: July 10, 2017

Sampling hour: 08:45

Parameter	
	Standard name Controle Maison CNO 250 ppm
	Result 252
	Accuracy 99.2%
	Limit 175 - 325
Cyanide W.A.D. mg/L	Blank <0.001
	Standard name DMR-0266-CNT
	Result 0.124
	Accuracy 100%
	Limit 0.105 - 0.143
Total Cyanide (CNT) mg/L	Blank <0.001
	Standard name DMR-0266-CNT
	Result 0.242
	Accuracy 99.6%
	Limit 0.205 - 0.277
Iron (Fe) mg/L	Blank <0.01
	Standard name DMR-0219-2017-Eu
	Result 12.2
	Accuracy 93%
	Limit 9.1 - 13.7
Dissolved Iron (Fe) mg/L	Blank <0.01
	Standard name DMR-0219-2017-Eu
	Result 12.1
	Accuracy 93.9%
	Limit 9.1 - 13.7
Fluoride (F) mg/L	Blank <0.02
	Standard name DMR-0266-2017-F
	Result 2.31
	Accuracy 99.6%
	Limit 2.13 - 2.47
Total Suspended Solids mg/L	Standard name STD-MES 25mg/L
	Result 22
	Accuracy 88%
	Limit 19 - 31
Total Suspended Solids mg/L	Blank <1
	Standard name STD-MES 250mg/L
	Result 231
	Accuracy 92.4%
	Limit 194 - 306
Manganese (Mn) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu

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Quality control Report

Lab number: V-65385

Sample name: ST-21 South

Sampling location: ST-21 South

Sampling date: July 10, 2017

Sampling hour: 08:45

Parameter	
Dissolved Manganese (Mn) mg/L	Result 3.735
	Accuracy 95.8%
	Limit 3.12 - 4.68
	Blank <0.0005
	Standard name DMR-0219-2017-Eu
Mercury (Hg) mg/L	Result 3.698
	Accuracy 94.8%
	Limit 3.12 - 4.68
	Blank <0.00001
	Standard name DMR-0266-2017-HgEu
Dissolved Mercury (Hg) mg/L	Result 0.00077
	Accuracy 90%
	Limit 0.00042 - 0.00098
	Blank <0.00001
	Standard name DMR-0219-2017-HgEu
Molybdenum (Mo) mg/L	Result 0.00098
	Accuracy 60%
	Limit 0.00042 - 0.00098
	Blank <0.0005
	Standard name DMR-0219-2017-Eu
Dissolved Molybdenum (Mo) mg/L	Result 0.6714
	Accuracy 94.8%
	Limit 0.566 - 0.850
	Blank <0.0005
	Standard name DMR-0219-2017-Eu
Nickel (Ni) mg/L	Result 0.6467
	Accuracy 91.3%
	Limit 0.566 - 0.850
	Blank <0.0005
	Standard name DMR-0219-2017-Eu
Dissolved Nickel (Ni) mg/L	Result 1.168
	Accuracy 97.5%
	Limit 0.91 - 1.37
	Blank <0.0005
	Standard name DMR-0219-2017-Eu
Nitrate (NO3) mg N/L	Result 1.138
	Accuracy 99.8%
Nitrite (NO2) mg N/L	Limit 0.91 - 1.37
	Blank <0.01
	Blank <0.01

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Quality control Report

Lab number: V-65385

Sample name: ST-21 South

Sampling location: ST-21 South

Sampling date: July 10, 2017

Sampling hour: 08:45

Parameter	
	Standard name DMR-0266-2017-NO2-2
	Result 2.91
	Accuracy 92.6%
	Limit 2.30 - 3.12
Lead (Pb) mg/L	Blank <0.0003
	Standard name DMR-0219-2017-Eu
	Result 0.7765
	Accuracy 86%
	Limit 0.722 - 1.084
Dissolved Lead (Pb) mg/L	Blank <0.0003
	Standard name DMR-0219-2017-Eu
	Result 0.8207
	Accuracy 90.9%
	Limit 0.722 - 1.084
Selenium (Se) mg/L	Blank <0.001
	Standard name DMR-0219-2017-Eu
	Result 1.32
	Accuracy 97.8%
	Limit 1.08 - 1.62
Dissolved Selenium (Se) mg/L	Blank <0.001
	Standard name DMR-0219-2017-Eu
	Result 1.37
	Accuracy 98.5%
	Limit 1.08 - 1.62
Sulfate (SO4) mg SO4/L	Blank <0.6
	Standard name DMR-0266-2017-SO4
	Result 126
	Accuracy 97.6%
	Limit 114 - 132
Thallium (Tl) mg/L	Blank <0.0008
	Standard name TI-S140909023-1000ppm
	Result 914
	Accuracy 91.4%
	Limit 800 - 1200
Dissolved thallium (Tl) mg/L	Blank <0.0008
	Standard name TI-S140909023-1000ppm
	Result 902
	Accuracy 90.2%
	Limit 800 - 1200
Thiocyanate (SCN) mg SCN/L	Blank <0.05

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Additional information

Lab number: V-65385

Sample name: ST-21 South

Sampling location: ST-21 South

Sampling date: July 10, 2017

Sampling hour: 08:45

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-CL-2.0	MA.300-Ions 1.3
M-CI-1.0	MA.300-Anions 1.0
M-CN-1.0	MA.300-CN 1.2
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-SULF-2.0	MA.300-Ions 1.3

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-65386

Sampling location: ST-21 North

Sampling date: July 10, 2017

Sample name: ST-21 North

Sampling hour: 09:00

Sampled by: Tom T

Date received: July 11, 2017

Matrix: Waste Water

Reported on: July 31, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Lab number: V-65386

Sample name: ST-21 North

Sampling location: ST-21 North

Sampling date: July 10, 2017

Sampling hour: 09:00

Parameter	Result	Method name	Analysis date
Alkalinity	66 mg CaCO ₃ /L	M-TIT-1.0	July 11, 2017
Aluminium (Al)	0.114 mg/L	Sous-traitance\Multilab Direct	July 14, 2017
Dissolved Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	July 14, 2017
Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	July 14, 2017
Dissolved Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	July 14, 2017
Arsenic (As)	0.0097 mg/L	Sous-traitance\Multilab Direct	July 14, 2017
Dissolved Arsenic (As)	0.0075 mg/L	Sous-traitance\Multilab Direct	July 14, 2017
Barium (Ba)	0.0172 mg/L	Sous-traitance\Multilab Direct	July 14, 2017
Dissolved Barium (Ba)	0.0158 mg/L	Sous-traitance\Multilab Direct	July 14, 2017
Cadmium (Cd)	0.00005 mg/L	Sous-traitance\Multilab Direct	July 14, 2017
Dissolved Cadmium (Cd)	0.0001 mg/L	Sous-traitance\Multilab Direct	July 14, 2017
Chloride	39.4 mg/L	Sous-traitance\Multilab Direct	July 14, 2017
Chrome (Cr)	0.0011 mg/L	Sous-traitance\Multilab Direct	July 14, 2017
Dissolved Chromium (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	July 14, 2017
Copper (Cu)	0.0096 mg/L	Sous-traitance\Multilab Direct	July 14, 2017
Dissolved Copper (Cu)	0.0085 mg/L	Sous-traitance\Multilab Direct	July 14, 2017
Cyanates (CNO)	0.30 mg CNO/L	Sous-traitance\Multilab Direct	July 20, 2017
Cyanide W.A.D.	<0.001 mg/L	Sous-traitance\Multilab Direct	July 14, 2017
Total Cyanide (CNT)	0.042 mg/L	Sous-traitance\Multilab Direct	July 14, 2017
Hardness	294 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	July 14, 2017
Iron (Fe)	0.65 mg/L	Sous-traitance\Multilab Direct	July 14, 2017
Dissolved Iron (Fe)	<0.01 mg/L	Sous-traitance\Multilab Direct	July 14, 2017
Fluoride (F)	0.18 mg/L	Sous-traitance\Multilab Direct	July 17, 2017
Total Suspended Solids	15 mg/L	M-SOLI-1.0	July 12, 2017
Manganese (Mn)	0.2053 mg/L	Sous-traitance\Multilab Direct	July 14, 2017
Dissolved Manganese (Mn)	0.2008 mg/L	Sous-traitance\Multilab Direct	July 14, 2017
Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	July 14, 2017
Dissolved Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	July 14, 2017
Molybdenum (Mo)	0.0431 mg/L	Sous-traitance\Multilab Direct	July 14, 2017
Dissolved Molybdenum (Mo)	0.0440 mg/L	Sous-traitance\Multilab Direct	July 14, 2017
Nickel (Ni)	0.0131 mg/L	Sous-traitance\Multilab Direct	July 14, 2017
Dissolved Nickel (Ni)	0.0132 mg/L	Sous-traitance\Multilab Direct	July 14, 2017
Nitrate (NO ₃)	1.24 mg N/L	Sous-traitance\Multilab Direct	July 14, 2017
Nitrite (NO ₂)	0.13 mg N/L	Sous-traitance\Multilab Direct	July 13, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	July 14, 2017
Dissolved Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	July 14, 2017
Selenium (Se)	0.004 mg/L	Sous-traitance\Multilab Direct	July 14, 2017
Selenium IV	<0.001 mg/L	Sous-traitance\MDDEP (Quebec)	July 18, 2017
Selenium VI	0.004 mg/L	Sous-traitance\MDDEP (Quebec)	July 18, 2017
Dissolved Selenium (Se)	0.004 mg/L	Sous-traitance\Multilab Direct	July 14, 2017

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Analytical Report

Lab number: V-65386

Sample name: ST-21 North

Sampling location: ST-21 North

Sampling date: July 10, 2017

Sampling hour: 09:00

Parameter	Result	Method name	Analysis date
Dissolved Solids	719 mg/L	M-TIT-1.0	July 11, 2017
Sulfate (SO4)	422 mg SO4/L	Sous-traitance\Multilab Direct	July 14, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	July 18, 2017
Dissolved thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	July 18, 2017
Thiocyanate (SCN)	5.55 mg SCN/L	Sous-traitance\Multilab Direct	July 23, 2017
Zinc (Zn)	0.005 mg/L	Sous-traitance\Multilab Direct	July 14, 2017
Dissolved Zinc	<0.001 mg/L	Sous-traitance\Multilab Direct	July 14, 2017
Ammonia nitrogen (NH3-NH4)	9.1 mg N/L	Sous-traitance\H2Lab inc. (SAM)	July 12, 2017
Ammonia NH3 (non-ionized)	0.12 mg N/L	Sous-traitance\H2Lab inc. (SAM)	July 12, 2017

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Detection limit

Lab number: V-65386

Sample name: ST-21 North

Sampling date: July 10, 2017

Sampling location: ST-21 North

Sampling hour: 09:00

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO ₃ /L	M-TIT-1.0	
Aluminium (Al)	0.006	mg/L	Sous-traitance	
Dissolved Aluminium (Al)	0.006	mg/L	Sous-traitance	
Silver (Ag)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Silver (Ag)	0.0001	mg/L	Sous-traitance	
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Arsenic (As)	0.0005	mg/L	Sous-traitance	
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Barium (Ba)	0.0005	mg/L	Sous-traitance	
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Dissolved Cadmium (Cd)	0.00002	mg/L	Sous-traitance	
Chloride	0.5	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Dissolved Chromium (Cr)	0.0006	mg/L	Sous-traitance	
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Copper (Cu)	0.0005	mg/L	Sous-traitance	
Cyanates (CNO)	0.01	mg CNO/L	Sous-traitance	
Cyanide W.A.D.	0.001	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO ₃ /L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes
Dissolved Iron (Fe)	0.01	mg/L	Sous-traitance	
Fluoride (F)	0.02	mg/L	Sous-traitance	Yes
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Manganese (Mn)	0.0005	mg/L	Sous-traitance	
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Dissolved Mercury (Hg)	0.00001	mg/L	Sous-traitance	
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Nickel (Ni)	0.0005	mg/L	Sous-traitance	
Nitrate (NO ₃)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO ₂)	0.01	mg N/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Dissolved Lead (Pb)	0.0003	mg/L	Sous-traitance	
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Selenium IV	0.001	mg/L	Sous-traitance	
Selenium VI	0.001	mg/L	Sous-traitance	
Dissolved Selenium (Se)	0.001	mg/L	Sous-traitance	

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

This report shall not be reproduced except in full without the written authority of the laboratory.



Detection limit

Lab number: V-65386

Sample name: ST-21 North

Sampling location: ST-21 North

Sampling date: July 10, 2017

Sampling hour: 09:00

Parameter	Value	Unit	Method	Accreditation
Dissolved Solids	1	mg/L	M-TIT-1.0	
Sulfate (SO4)	0.6	mg SO4/L	Sous-traitance	Yes
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Dissolved thallium (Tl)	0.0008	mg/L	Sous-traitance	
Thiocyanate (SCN)	0.05	mg SCN/L	Sous-traitance	Yes
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes
Dissolved Zinc	0.001	mg/L	Sous-traitance	

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Quality control Report

Lab number: V-65386

Sample name: ST-21 North

Sampling location: ST-21 North

Sampling date: July 10, 2017

Sampling hour: 09:00

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 151 Accuracy 95.9% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006
	Standard name DMR-0219-2017-Eu Result 6.52 Accuracy 96% Limit 5.02 - 7.52
Dissolved Aluminium (Al) mg/L	Blank <0.006
	Standard name DMR-0219-2017-Eu Result 6.25 Accuracy 99.7% Limit 5.02 - 7.52
Silver (Ag) mg/L	Blank <0.0001
	Standard name DMR-0013-2017-Ag Result 0.0399 Accuracy 94.1% Limit 0.0339 - 0.0509
Dissolved Silver (Ag) mg/L	Blank <0.0001
	Standard name DMR-0013-2017-Ag Result 0.0435 Accuracy 97.4% Limit 0.0339 - 0.0509
Arsenic (As) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu Result 0.2897 Accuracy 98% Limit 0.199 - 0.369
Dissolved Arsenic (As) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu Result 0.3025 Accuracy 93.5% Limit 0.199 - 0.369
Barium (Ba) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu Result 2.431 Accuracy 100% Limit 1.94 - 2.92
Dissolved Barium (Ba) mg/L	Blank <0.0005

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Quality control Report

Lab number: V-65386

Sample name: ST-21 North

Sampling location: ST-21 North

Sampling date: July 10, 2017

Sampling hour: 09:00

Parameter	
	Standard name DMR-0219-2017-Eu
	Result 2.365
	Accuracy 97.3%
	Limit 1.94 - 2.92
Cadmium (Cd) mg/L	Blank <0.00002
	Standard name DMR-0219-2017-Eu
	Result 0.95424
	Accuracy 94.1%
	Limit 0.721 - 1.081
Dissolved Cadmium (Cd) mg/L	Blank <0.00002
	Standard name DMR-0219-2017-Eu
	Result 0.91091
	Accuracy 98.9%
	Limit 0.721 - 1.081
Chloride mg/L	Blank <0.5
	Standard name DMR-0266-2017-CI
	Result 113
	Accuracy 95.4%
	Limit 95 - 121
Chrome (Cr) mg/L	Blank <0.0006
	Standard name DMR-0219-2017-Eu
	Result 4.074
	Accuracy 99.4%
	Limit 3.24 - 4.86
Dissolved Chromium (Cr) mg/L	Blank <0.0006
	Standard name DMR-0219-2017-Eu
	Result 3.995
	Accuracy 98.6%
	Limit 3.24 - 4.86
Copper (Cu) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.404
	Accuracy 90.3%
	Limit 1.02 - 1.54
Dissolved Copper (Cu) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.459
	Accuracy 86%
	Limit 1.02 - 1.54
Cyanates (CNO) mg CNO/L	Blank <0.01

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Quality control Report

Lab number: V-65386

Sample name: ST-21 North

Sampling location: ST-21 North

Sampling date: July 10, 2017

Sampling hour: 09:00

Parameter	
	Standard name Controle Maison CNO 250 ppm
	Result 252
	Accuracy 99.2%
	Limit 175 - 325
Cyanide W.A.D. mg/L	Blank <0.001
	Standard name DMR-0266-CNT
	Result 0.124
	Accuracy 100%
	Limit 0.105 - 0.143
Total Cyanide (CNT) mg/L	Blank <0.001
	Standard name DMR-0266-CNT
	Result 0.242
	Accuracy 99.6%
	Limit 0.205 - 0.277
Iron (Fe) mg/L	Blank <0.01
	Standard name DMR-0219-2017-Eu
	Result 12.2
	Accuracy 93%
	Limit 9.1 - 13.7
Dissolved Iron (Fe) mg/L	Blank <0.01
	Standard name DMR-0219-2017-Eu
	Result 12.1
	Accuracy 93.9%
	Limit 9.1 - 13.7
Fluoride (F) mg/L	Blank <0.02
	Standard name DMR-0266-2017-F
	Result 2.25
	Accuracy 97.8%
	Limit 2.13 - 2.47
Total Suspended Solids mg/L	Standard name STD-MES 25mg/L
	Result 22
	Accuracy 88%
	Limit 19 - 31
Total Suspended Solids mg/L	Blank <1
	Standard name STD-MES 250mg/L
	Result 231
	Accuracy 92.4%
	Limit 194 - 306
	Sample duplicate 15-13
Manganese (Mn) mg/L	Blank <0.0005

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Quality control Report

Lab number: V-65386

Sample name: ST-21 North

Sampling location: ST-21 North

Sampling date: July 10, 2017

Sampling hour: 09:00

Parameter	
	Standard name DMR-0219-2017-Eu
	Result 3.735
	Accuracy 95.8%
	Limit 3.12 - 4.68
Dissolved Manganese (Mn) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 3.698
	Accuracy 94.8%
	Limit 3.12 - 4.68
Mercury (Hg) mg/L	Blank <0.00001
	Standard name DMR-0266-2017-HgEu
	Result 0.00077
	Accuracy 90%
	Limit 0.00042 - 0.00098
Dissolved Mercury (Hg) mg/L	Blank <0.00001
	Standard name DMR-0219-2017-HgEu
	Result 0.00098
	Accuracy 60%
	Limit 0.00042 - 0.00098
Molybdenum (Mo) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 0.6714
	Accuracy 94.8%
	Limit 0.566 - 0.850
Dissolved Molybdenum (Mo) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 0.6467
	Accuracy 91.3%
	Limit 0.566 - 0.850
Nickel (Ni) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.168
	Accuracy 97.5%
	Limit 0.91 - 1.37
Dissolved Nickel (Ni) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.138
	Accuracy 99.8%
	Limit 0.91 - 1.37
Nitrate (NO3) mg N/L	Blank <0.01

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Quality control Report

Lab number: V-65386

Sample name: ST-21 North

Sampling location: ST-21 North

Sampling date: July 10, 2017

Sampling hour: 09:00

Parameter

Nitrite (NO₂) mg N/L Blank <0.01
Standard name DMR-0266-2017-NO2-2
Result 2.91
Accuracy 92.6%
Limit 2.30 - 3.12

Lead (Pb) mg/L Blank <0.0003
Standard name DMR-0219-2017-Eu
Result 0.7765
Accuracy 86%
Limit 0.722 - 1.084

Dissolved Lead (Pb) mg/L Blank <0.0003
Standard name DMR-0219-2017-Eu
Result 0.8212
Accuracy 90.9%
Limit 0.722 - 1.084

Selenium (Se) mg/L Blank <0.001
Standard name DMR-0219-2017-Eu
Result 1.32
Accuracy 97.8%
Limit 1.08 - 1.62

Dissolved Selenium (Se) mg/L Blank <0.001
Standard name DMR-0219-2017-Eu
Result 1.37
Accuracy 98.5%
Limit 1.08 - 1.62

Sulfate (SO₄) mg SO₄/L Blank <0.6
Standard name DMR-0266-2017-SO₄
Result 126
Accuracy 97.6%
Limit 114 - 132

Thallium (Tl) mg/L Blank <0.0008
Standard name Tl-S140909023-1000ppm
Result 914
Accuracy 91.4%
Limit 800 - 1200

Sample duplicate <0.0008-<0.0008
Dissolved thallium (Tl) mg/L Blank <0.0008
Standard name Tl-S140909023-1000ppm
Result 902
Accuracy 90.2%

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Additional information

Lab number: V-65386

Sample name: ST-21 North

Sampling location: ST-21 North

Sampling date: July 10, 2017

Sampling hour: 09:00

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-CL-2.0	MA.300-Ions 1.3
M-CI-1.0	MA.300-Anions 1.0
M-CN-1.0	MA.300-CN 1.2
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-SULF-2.0	MA.300-Ions 1.3

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: M-119641

Sampling location: STP-LJMIX

Sampling date: July 17, 2017

Sample name: STP-LJMIX

Sampling hour: 08:00

Sampled by: Martin T

Date received: July 19, 2017

Matrix: Waste water

Drinking water distribution: **NA**

Reported on: July 25, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Lab number: M-119641

Sample name: STP-LJMIX

Sampling location: STP-LJMIX

Sampling date: July 17, 2017

Sampling hour: 08:00

Parameter	Result	Method name	Analysis date
Fecal coliforms	3 100 CFU/100ml	M-COLI-1,0	July 19, 2017
Total coliforms	110 000 CFU/100ml	M-COLI-2,0	July 19, 2017
Atypical colonies	320 000 CFU/100ml	M-COLI-2,0	July 19, 2017
Temperature	17.5 °C	M-TEMP-1.0	July 19, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Additional information

Lab number: M-119641

Sample name: STP-LJMIX

Sampling location: STP-LJMIX

Sampling date: July 17, 2017

Sampling hour: 08:00

State of the sample at reception : Temperature greater than 12°C.

Lab method	Method reference
M-COLI-1,0	MA.700-Ecctmi 1.0
M-COLI-2,0	MA.700-Ecctmi 1.0

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-65747

Sampling location: STP-LJMIX

Sampling date: July 17, 2017

Sample name: STP-LJMIX

Sampling hour: 08:00

Sampled by: Martin T

Date received: July 18, 2017

Matrix: Waste Water

Drinking water distribution:

Reported on: July 25, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Lab number: V-65747

Sample name: STP-LJMIX

Sampling location: STP-LJMIX

Sampling date: July 17, 2017

Sampling hour: 08:00

Parameter	Result	Method name	Analysis date
Ammonia nitrogen (NH ₃ -NH ₄)	11.4 mg N/L	Sous-traitance\Multilab Direct	July 21, 2017
Kjeldahl nitrogen	18 mg N/L	Sous-traitance\Multilab Direct	July 24, 2017
COD	25 mg/L	Sous-traitance\Multilab Direct	July 21, 2017
Total Suspended Solids	14 mg/L	M-SOLI-1.0	July 19, 2017
Ammonia NH ₃ (non-ionized)	0.04 mg N/L	Sous-traitance\Multilab Direct	July 21, 2017
Nitrate (NO ₃)	16.1 mg N/L	Sous-traitance\Multilab Direct	July 20, 2017
Nitrite (NO ₂)	0.34 mg N/L	Sous-traitance\Multilab Direct	July 20, 2017
BOD-5	7 mg/L	Sous-traitance\H2Lab inc. (SAM)	July 20, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Detection limit

Lab number: V-65747

Sample name: STP-LJMIX

Sampling date: July 17, 2017

Sampling location: STP-LJMIX

Sampling hour: 08:00

Parameter	Value	Unit	Method	Accreditation
Ammonia nitrogen (NH ₃ -NH ₄)	0.01	mg N/L	Sous-traitance	Yes
Kjeldahl nitrogen	0.07	mg N/L	Sous-traitance	Yes
COD	2	mg/L	Sous-traitance	Yes
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Ammonia NH ₃ (non-ionized)	0.01	mg N/L	Sous-traitance	-
Nitrate (NO ₃)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO ₂)	0.01	mg N/L	Sous-traitance	Yes
BOD-5	1	mg/L	Sous-traitance	

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Quality control Report

Lab number: V-65747

Sample name: STP-LJMIX

Sampling date: July 17, 2017

Sampling location: STP-LJMIX

Sampling hour: 08:00

Parameter

Ammonia nitrogen (NH₃-NH₄) m Blank <0.01
Kjeldahl nitrogen mg N/L Blank <0.05
Standard name DMR-0343-2017-NTK
Result 5.90
Accuracy 95.9%

COD mg/L Limit 4.82 - 6.52
Blank <2
Standard name Dmr-0343-2017-9-DCO
Result 57
Accuracy 94.4%

Total Suspended Solids mg/L Limit 42 - 66
Blank <1
Standard name DMR-0368-2017-2
Result 135
Accuracy 98.5%

Ammonia NH₃ (non-ionized) mg Limit 103 - 163
Blank <0.01
Nitrate (NO₃) mg N/L Blank <0.01
Nitrite (NO₂) mg N/L Blank <0.01
Standard name DMR-0343-2017-NO2
Result 2.61
Accuracy 96.3%
Limit 2.30 - 3.12

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Additional information

Lab number: V-65747
Sample name: STP-LJMIX
Sampling location: STP-LJMIX

Sampling date: July 17, 2017
Sampling hour: 08:00

Lab method	Method reference
M-NH3-2.0	MA.300-N 2.0
M-DCO-1.0	MA.315-DCO 1.1
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-65756

Sampling location: ST-25/N65 04.11.9 W95 59.52.7

Sampling date: July 17, 2017

Sample name: ST-25 FB

Sampling hour: 08:00

Sampled by: Patrick A

Date received: July 18, 2017

Matrix: Water

Drinking water distribution: **Vault**

Corrected certificate, replacing the certificate V-65756 done on August 09 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Lab number: V-65756

Sample name: ST-25 FB

Sampling date: July 17, 2017

Sampling location: ST-25/N65 04.11.9 W95 59.52.7

Sampling hour: 08:00

Parameter	Result	Method name	Analysis date
Alkalinity	9 mg CaCO ₃ /L	M-TIT-1.0	July 18, 2017
Aluminium (Al)	0.007 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	0.03 mg N/L	Sous-traitance\Multilab Direct	July 21, 2017
Barium (Ba)	0.0016 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Chrome (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Copper (Cu)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Total Cyanide (CNT)	0.001 mg/L	Sous-traitance\Multilab Direct	July 26, 2017
Hardness	<1 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	July 23, 2017
Iron (Fe)	<0.01 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Total Suspended Solids	<1 mg/L	M-SOLI-1.0	July 19, 2017
Manganese (Mn)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	July 24, 2017
Molybdenum (Mo)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Ammonia NH ₃ (non-ionized)	<0.01 mg N/L	Sous-traitance\Multilab Direct	July 21, 2017
Nickel (Ni)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Nitrate (NO ₃)	<0.01 mg N/L	Sous-traitance\Multilab Direct	July 20, 2017
Nitrite (NO ₂)	<0.01 mg N/L	Sous-traitance\Multilab Direct	July 20, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Dissolved Solids	<1 mg/L	M-TIT-1.0	July 18, 2017
Sulfate (SO ₄)	<0.6 mg SO ₄ /L	Sous-traitance\Multilab Direct	July 21, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	July 26, 2017
Zinc (Zn)	0.001 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	July 27, 2017
Fluoride (F)	<0.02 mg/L	Sous-traitance\Multilab Direct	August 22, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Detection limit

Lab number: V-65756

Sample name: ST-25 FB

Sampling date: July 17, 2017

Sampling location: ST-25/N65 04.11.9 W95 59.52.7

Sampling hour: 08:00

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO ₃ /L	M-TIT-1.0	
Aluminium (Al)	0.006	mg/L	Sous-traitance	
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Ammonia nitrogen (NH ₃ -NH ₄)	0.01	mg N/L	Sous-traitance	Yes
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO ₃ /L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Ammonia NH ₃ (non-ionized)	0.01	mg N/L	Sous-traitance	-
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Nitrate (NO ₃)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO ₂)	0.01	mg N/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Dissolved Solids	1	mg/L	M-TIT-1.0	
Sulfate (SO ₄)	0.6	mg SO ₄ /L	Sous-traitance	Yes
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes
Silver (Ag)	0.0001	mg/L	Sous-traitance	Yes
Fluoride (F)	0.02	mg/L	Sous-traitance	Yes

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Quality control Report

Lab number: V-65756

Sample name: ST-25 FB

Sampling date: July 17, 2017

Sampling location: ST-25/N65 04.11.9 W95 59.52.7

Sampling hour: 08:00

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 149 Accuracy 97.2% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006
	Standard name C00-046-705_X_1000 Result 1.01 Accuracy 99% Limit 0.800 - 1.200
Dissolved Aluminium (Al) mg/L	Blank <0.006
	Standard name C00-046-705_X_1000 Result 1.01 Accuracy 99% Limit 0.800 - 1.200
Antimony (Sb) mg/L	Blank <0.0001
	Standard name C00-046-705_X_1000 Result 0.0100 Accuracy 100% Limit 0.0080 - 0.0120
Dissolved Antimony (Sb) mg/L	Blank <0.0001
	Standard name C00-046-705_X_1000 Result 0.0100 Accuracy 100% Limit 0.0080 - 0.0120
Silver (Ag) mg/L	Blank <0.0001
	Standard name DMR-0013-2017-Ag Result 0.0356 Accuracy 84% Limit 0.0339 - 0.0509
Arsenic (As) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000 Result 0.0800 Accuracy 80% Limit 0.0700 - 0.1300
Dissolved Arsenic (As) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000 Result 0.0800 Accuracy 80% Limit 0.0800 - 0.1200
Ammonia nitrogen (NH ₃ -NH ₄) m	Blank <0.01

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

This report shall not be reproduced except in full without the written authority of the laboratory.



Quality control Report

Lab number: V-65756

Sample name: ST-25 FB

Sampling date: July 17, 2017

Sampling location: ST-25/N65 04.11.9 W95 59.52.7

Sampling hour: 08:00

Parameter

Kjeldahl nitrogen mg N/L
Blank <0.05
Standard name DMR-0343-2017-NTK
Result 5.90
Accuracy 95.9%
Limit 4.82 - 6.52

Barium (Ba) mg/L
Blank <0.0005
Standard name C00-046-705_X_1000
Result 0.0822
Accuracy 82.2%
Limit 0.0800 - 0.1200

Dissolved Barium (Ba) mg/L
Blank <0.0005
Standard name C00-046-705_X_1000
Result 0.0822
Accuracy 82.2%
Limit 0.0800 - 0.1200

Beryllium (Be) mg/L
Blank <0.0005
Standard name C00-046-705_X_1000
Result 0.0993
Accuracy 99.3%
Limit 0.0800 - 0.1200

Dissolved Beryllium (Be) mg/L
Blank <0.0005
Standard name C00-046-705_X_1000
Result 0.0993
Accuracy 99.3%
Limit 0.0800 - 0.1200

Boron (B) mg/L
Blank <0.01
Standard name C00-046-705_X_1000
Result 1.04
Accuracy 96%
Limit 0.800 - 1.200

Dissolved Boron (B) mg/L
Blank <0.01
Standard name C00-046-705_X_1000
Result 1.04
Accuracy 96%
Limit 0.800 - 1.200

Cadmium (Cd) mg/L
Blank <0.00002
Standard name C00-046-705_X_1000
Result 0.09638
Accuracy 96.4%
Limit 0.0800 - 0.1200

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Quality control Report

Lab number: V-65756

Sample name: ST-25 FB

Sampling date: July 17, 2017

Sampling location: ST-25/N65 04.11.9 W95 59.52.7

Sampling hour: 08:00

Parameter

Dissolved Cadmium (Cd) mg/L Blank <0.00002
Standard name C00-046-705_X_1000
Result 0.09638
Accuracy 96.4%
Limit 0.0800 - 0.1200

Calcium (Ca) mg/L Blank <0.03
Standard name C00-046-705_X_1000
Result 0.90
Accuracy 90%
Limit 0.800 - 1.200

Dissolved Organic Carbon (D.O.C.) mg/L Blank 0.2
Standard name COD 10mg/L
Result 12
Accuracy 80%
Limit 8 - 12

Total Organic Carbon (T.O.C.) mg/L Blank 0.2
Standard name COT 10mg/L
Result 12
Accuracy 80%
Limit 8 - 12

Chloride mg/L Blank <0.5
Standard name DMR-0343-2017-Cl
Result 108
Accuracy 100%
Limit 95 - 121

Chrome (Cr) mg/L Blank <0.0006
Standard name C00-046-705_X_1000
Result 0.0978
Accuracy 97.8%
Limit 0.0800 - 0.1200

Dissolved Chromium (Cr) mg/L Blank <0.0006
Standard name C00-046-705_X_1000
Result 0.0978
Accuracy 97.8%
Limit 0.0800 - 0.1200

Copper (Cu) mg/L Blank <0.0005
Standard name C00-046-705_X_1000
Result 0.1069
Accuracy 93.1%
Limit 0.0800 - 0.1200

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Quality control Report

Lab number: V-65756

Sample name: ST-25 FB

Sampling date: July 17, 2017

Sampling location: ST-25/N65 04.11.9 W95 59.52.7

Sampling hour: 08:00

Parameter	
Dissolved Copper (Cu) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1069 Accuracy 93.1% Limit 0.0800 - 0.1200
Total Cyanide (CNT) mg/L	Blank <0.001 Standard name DMR-0343-CN Result 1.18 Accuracy 100% Limit 1.003 - 1.357
Tin (Sn) mg/L	Blank <0.001 Standard name DMR-0310-2016-Sn Result 8.13 Accuracy 89.6% Limit 7.26 - 10.88
dissolved Tin (Sn) mg/L	Blank <0.001 Standard name DMR-0310-2016-Sn Result 8.32 Accuracy 91.7% Limit 6.35 - 11.79
Iron (Fe) mg/L	Blank <0.01 Standard name C00-046-705_X_1000 Result 1.09 Accuracy 91% Limit 0.800 - 1.200
Dissolved Iron (Fe) mg/L	Blank <0.01 Standard name C00-046-705_X_1000 Result 1.09 Accuracy 91% Limit 0.800 - 1.200
Fluoride (F) mg/L	Blank <0.02 Standard name DMR-0343-2017-F Result 2.44 Accuracy 93.9% Limit 2.1 - 2.5
Lithium (Li) mg/L	Blank <0.005 Standard name DMR-0219-2017-Eu Result 0.712 Accuracy 84.2% Limit 0.677 - 1.015

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Quality control Report

Lab number: V-65756

Sample name: ST-25 FB

Sampling date: July 17, 2017

Sampling location: ST-25/N65 04.11.9 W95 59.52.7

Sampling hour: 08:00

Parameter	
Dissolved Lithium (Li) mg/L	Blank <0.005 Standard name DMR-0219-2017-Eu Result 0.755 Accuracy 89.2% Limit 0.677 - 1.015
Total Suspended Solids mg/L	Blank <1 Standard name DMR-0368-2017-2 Result 135 Accuracy 98.5% Limit 103 - 163
Magnesium (Mg) mg/L	Blank <0.02 Standard name C00-046-705_X_1000 Result 1.10 Accuracy 90% Limit 0.800 - 1.200
Manganese (Mn) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1004 Accuracy 99.6% Limit 0.0800 - 0.1200
Dissolved Manganese (Mn) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1004 Accuracy 99.6% Limit 0.0800 - 0.1200
Mercury (Hg) mg/L	Blank <0.00001 Standard name DMR-0219-2017-HgEu Result 0.00049 Accuracy 70% Limit 0.00042 - 0.00098
Dissolved Mercury (Hg) mg/L	Blank <0.00001 Standard name DMR-0266-2017-HgEu Result 0.00054 Accuracy 77.1% Limit 0.00042 - 0.00098
Molybdenum (Mo) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0912 Accuracy 91.2% Limit 0.0800 - 0.1200

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Quality control Report

Lab number: V-65756

Sample name: ST-25 FB

Sampling date: July 17, 2017

Sampling location: ST-25/N65 04.11.9 W95 59.52.7

Sampling hour: 08:00

Parameter

Dissolved Molybdenum (Mo) mg/ Blank <0.0005
Standard name C00-046-705_X_1000
Result 0.0912
Accuracy 91.2%
Limit 0.0800 - 0.1200

Ammonia NH3 (non-ionized) mg Blank <0.01
Nickel (Ni) mg/L Blank <0.0005
Standard name C00-046-705_X_1000
Result 0.1006
Accuracy 99.4%
Limit 0.0800 - 0.1200

Dissolved Nickel (Ni) mg/L Blank <0.0005
Standard name C00-046-705_X_1000
Result 0.1006
Accuracy 99.4%
Limit 0.0800 - 0.1200

Nitrate (NO3) mg N/L Blank <0.01
Nitrite (NO2) mg N/L Blank <0.01
Standard name DMR-0343-2017-NO2
Result 2.61
Accuracy 96.3%
Limit 2.30 - 3.12

Ortho-Phosphate (O-PO4) mg P/ Blank <0.01
Standard name DMR-0343-2017-OPO4
Result 3.21
Accuracy 99.4%
Limit 2.81 - 3.57

Total Phosphorus (P) mg P/L Blank <0.01
Standard name DMR-0343-2017-Ptotal
Result 1.11
Accuracy 97.4%
Limit 1.00 - 1.28

Lead (Pb) mg/L Blank <0.0003
Standard name C00-046-705_X_1000
Result 0.0921
Accuracy 92.1%
Limit 0.0800 - 0.1200

Dissolved Lead (Pb) mg/L Blank <0.0003
Standard name C00-046-705_X_1000
Result 0.0921

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Quality control Report

Lab number: V-65756

Sample name: ST-25 FB

Sampling date: July 17, 2017

Sampling location: ST-25/N65 04.11.9 W95 59.52.7

Sampling hour: 08:00

Parameter	
Potassium (K) mg/L	Accuracy 92.1% Limit 0.0800 - 0.1200 Blank <0.05 Standard name C00-046-705_X_1000 Result 0.93
Selenium (Se) mg/L	Accuracy 93% Limit 0.800 - 1.200 Blank <0.001 Standard name C00-046-705_X_1000 Result 0.098
Dissolved Selenium (Se) mg/L	Accuracy 98% Limit 0.0800 - 0.1200 Blank <0.001 Standard name C00-046-705_X_1000 Result 0.098
Sodium (Na) mg/L	Accuracy 98% Limit 0.0800 - 0.1200 Blank <0.05 Standard name C00-046-705_X_1000 Result 1.05
Strontium (Sr) mg/L	Accuracy 95% Limit 0.800 - 1.200 Blank <0.005 Standard name DMR-0219-2017-Eu Result 1.36
dissolved Strontium (Sr) mg/L	Accuracy 89.4% Limit 0.98 - 1.48 Blank <0.005 Standard name DMR-0219-2017-Eu Result 1.45
Sulfate (SO4) mg SO4/L	Accuracy 82.1% Limit 0.98 - 1.48 Blank <0.6 Standard name DMR-0343-2017-SO4 Result 123
Thallium (Tl) mg/L	Accuracy 100% Limit 114 - 132 Blank <0.0008 Standard name Tl-S140909023-1000ppm Result 955

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Quality control Report

Lab number: V-65756

Sample name: ST-25 FB

Sampling date: July 17, 2017

Sampling location: ST-25/N65 04.11.9 W95 59.52.7

Sampling hour: 08:00

Parameter		
Dissolved thallium (Tl) mg/L	Accuracy 95.5%	
	Limit 800 - 1200	
	Blank <0.0008	
	Standard name Tl-S140909023-1000ppm	
	Result 960	
Titanium (Ti) mg/L	Accuracy 96%	
	Limit 800 - 1200	
	Blank <0.01	
	Dissolved titanium (Ti) mg/L	Blank <0.01
		Uranium (U) mg/L
Dissolved Uranium (U) mg/L	Standard name C00-046-705_X_1000	
	Result 0.101	
	Accuracy 99%	
	Limit 0.0800 - 0.1200	
	Blank <0.001	
Vanadium (V) mg/L	Standard name C00-046-705_X_1000	
	Result 0.101	
	Accuracy 99%	
	Limit 0.0800 - 0.1200	
	Blank <0.0005	
Dissolved Vanadium mg/L	Standard name C00-046-705_X_1000	
	Result 0.0983	
	Accuracy 98.3%	
	Limit 0.0800 - 0.1200	
	Blank <0.0005	
Zinc (Zn) mg/L	Standard name C00-046-705_X_1000	
	Result 0.0983	
	Accuracy 98.3%	
	Limit 0.0800 - 0.1200	
	Blank <0.001	
Dissolved Zinc mg/L	Standard name C00-046-705_X_1000	
	Result 0.099	
	Accuracy 99%	
	Limit 0.0800 - 0.1200	
	Blank <0.001	
Dissolved Zinc mg/L	Standard name C00-046-705_X_1000	
	Result 0.099	
	Accuracy 99%	
	Limit 0.0800 - 0.1200	

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Additional information

Lab number: V-65756

Sample name: ST-25 FB

Sampling location: ST-25/N65 04.11.9 W95 59.52.7

Sampling date: July 17, 2017

Sampling hour: 08:00

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-NH3-2.0	MA.300-N 2.0
M-CN-1.0	MA.300-CN 1.2
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-SULF-2.0	MA.300-Ions 1.3
M-CI-1.0	MA.300-Anions 1.0

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: M-119640

Sampling location: STP-IN

Sampling date: July 17, 2017

Sample name: STP-IN

Sampling hour: 08:00

Sampled by: Martin T

Date received: July 19, 2017

Matrix: Waste water

Drinking water distribution: **NA**

Reported on: July 21, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Lab number: M-119640

Sample name: STP-IN

Sampling location: STP-IN

Sampling date: July 17, 2017

Sampling hour: 08:00

Parameter	Result	Method name	Analysis date
Fecal coliforms	7 000 000 CFU/100ml	M-COLI-1,0	July 19, 2017
Total coliforms	*** CFU/100ml	M-COLI-2,0	July 19, 2017
Atypical colonies	> 200 000 000 CFU/100ml	M-COLI-2,0	July 19, 2017
Temperature	17 °C	M-TEMP-1.0	July 19, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Additional information

Lab number: M-119640

Sample name: STP-IN

Sampling location: STP-IN

Sampling date: July 17, 2017

Sampling hour: 08:00

State of the sample at reception : Temperature greater than 12°C.

Lab method	Method reference
M-COLI-1,0	MA.700-Ecctmi 1.0
M-COLI-2,0	MA.700-Ecctmi 1.0

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: M-119642

Sampling location: STP-SEP

Sampling date: July 17, 2017

Sample name: STP-SEP

Sampling hour: 08:00

Sampled by: Martin T

Date received: July 19, 2017

Matrix: Waste water

Drinking water distribution: **NA**

Reported on: July 21, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Lab number: M-119642

Sample name: STP-SEP

Sampling location: STP-SEP

Sampling date: July 17, 2017

Sampling hour: 08:00

Parameter	Result	Method name	Analysis date
Fecal coliforms	480 CFU/100ml	M-COLI-1,0	July 19, 2017
Total coliforms	*** CFU/100ml	M-COLI-2,0	July 19, 2017
Atypical colonies	> 2 000 000 CFU/100ml	M-COLI-2,0	July 19, 2017
Temperature	18.5 °C	M-TEMP-1.0	July 19, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Additional information

Lab number: M-119642

Sample name: STP-SEP

Sampling location: STP-SEP

Sampling date: July 17, 2017

Sampling hour: 08:00

State of the sample at reception : Temperature greater than 12°C.

Lab method	Method reference
M-COLI-1,0	MA.700-Ecctmi 1.0
M-COLI-2,0	MA.700-Ecctmi 1.0

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-65746

Sampling location: STP-IN

Sampling date: July 17, 2017

Sample name: STP-IN

Sampling hour: 08:00

Sampled by: Martin T

Date received: July 18, 2017

Matrix: Waste Water

Reported on: July 27, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Lab number: V-65746

Sample name: STP-IN

Sampling location: STP-IN

Sampling date: July 17, 2017

Sampling hour: 08:00

Parameter	Result	Method name	Analysis date
Ammonia nitrogen (NH ₃ -NH ₄)	8.31 mg N/L	Sous-traitance\Multilab Direct	July 21, 2017
Kjeldahl nitrogen	104 mg N/L	Sous-traitance\Multilab Direct	July 24, 2017
COD	495 mg/L	Sous-traitance\Multilab Direct	July 24, 2017
Total Suspended Solids	246 mg/L	M-SOLI-1.0	July 19, 2017
Ammonia NH ₃ (non-ionized)	0.09 mg N/L	Sous-traitance\Multilab Direct	July 21, 2017
Nitrate (NO ₃)	0.07 mg N/L	Sous-traitance\Multilab Direct	July 20, 2017
Nitrite (NO ₂)	0.02 mg N/L	Sous-traitance\Multilab Direct	July 20, 2017
Total Phosphorus (P)	12.7 mg P/L	Sous-traitance\Multilab Direct	July 21, 2017
BOD-5	126 mg/L	Sous-traitance\H2Lab inc. (SAM)	July 20, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

This report shall not be reproduced except in full without the written authority of the laboratory.



Detection limit

Lab number: V-65746

Sample name: STP-IN

Sampling location: STP-IN

Sampling date: July 17, 2017

Sampling hour: 08:00

Parameter	Value	Unit	Method	Accreditation
Ammonia nitrogen (NH ₃ -NH ₄)	0.01	mg N/L	Sous-traitance	Yes
Kjeldahl nitrogen	0.07	mg N/L	Sous-traitance	Yes
COD	2	mg/L	Sous-traitance	Yes
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Ammonia NH ₃ (non-ionized)	0.01	mg N/L	Sous-traitance	-
Nitrate (NO ₃)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO ₂)	0.01	mg N/L	Sous-traitance	Yes
Total Phosphorus (P)	0.01	mg P/L	Sous-traitance	Yes
BOD-5	1	mg/L	Sous-traitance	

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Quality control Report

Lab number: V-65746

Sample name: STP-IN

Sampling location: STP-IN

Sampling date: July 17, 2017

Sampling hour: 08:00

Parameter

Ammonia nitrogen (NH ₃ -NH ₄) mg N/L	Blank <0.01
	Sample duplicate 8.31-8.31
	Result 8.31
Kjeldahl nitrogen mg N/L	Blank <0.05
	Standard name DMR-0343-2017-NTK
	Result 5.90
COD mg/L	Accuracy 95.9%
	Limit 4.82 - 6.52
	Blank <2
Total Suspended Solids mg/L	Standard name Dmr-0343-2017-9-DCO
	Result 53
	Accuracy 98.1%
Ammonia NH ₃ (non-ionized) mg	Limit 42 - 66
	Sample duplicate 495-496
	Blank <1
Nitrate (NO ₃) mg N/L	Standard name DMR-0368-2017-2
	Result 135
	Accuracy 98.5%
Nitrite (NO ₂) mg N/L	Limit 103 - 163
	Sample duplicate 0.09-0.09
	Blank <0.01
Total Phosphorus (P) mg P/L	Standard name DMR-0343-2017-NO2
	Result 2.61
	Accuracy 96.3%
Total Phosphorus (P) mg P/L	Limit 2.30 - 3.12
	Blank <0.01
	Standard name DMR-0343-2017-Ptotal
Total Phosphorus (P) mg P/L	Result 1.11
	Accuracy 97.4%
	Limit 1.00 - 1.28

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Additional information

Lab number: V-65746
Sample name: STP-IN
Sampling location: STP-IN

Sampling date: July 17, 2017
Sampling hour: 08:00

Lab method	Method reference
M-NH3-2.0	MA.300-N 2.0
M-DCO-1.0	MA.315-DCO 1.1
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-P-3.0	MA. 315-P 2.0

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-65748

Sampling location: STP-SEP

Sampling date: July 17, 2017

Sample name: STP-SEP

Sampling hour: 08:00

Sampled by: Martin T

Date received: July 18, 2017

Matrix: Waste Water

Drinking water distribution:

Reported on: July 28, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Lab number: V-65748

Sample name: STP-SEP

Sampling location: STP-SEP

Sampling date: July 17, 2017

Sampling hour: 08:00

Parameter	Result	Method name	Analysis date
Ammonia nitrogen (NH ₃ -NH ₄)	7.27 mg N/L	Sous-traitance\Multilab Direct	July 21, 2017
Kjeldahl nitrogen	42.9 mg N/L	Sous-traitance\Multilab Direct	July 27, 2017
COD	84 mg/L	Sous-traitance\Multilab Direct	July 21, 2017
Total Suspended Solids	14 mg/L	M-SOLI-1.0	July 19, 2017
Ammonia NH ₃ (non-ionized)	0.17 mg N/L	Sous-traitance\Multilab Direct	July 21, 2017
Nitrate (NO ₃)	3.5 mg N/L	Sous-traitance\Multilab Direct	July 20, 2017
Nitrite (NO ₂)	1.22 mg N/L	Sous-traitance\Multilab Direct	July 20, 2017
BOD-5	10 mg/L	Sous-traitance\H2Lab inc. (SAM)	July 20, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Detection limit

Lab number: V-65748

Sample name: STP-SEP

Sampling location: STP-SEP

Sampling date: July 17, 2017

Sampling hour: 08:00

Parameter	Value	Unit	Method	Accreditation
Ammonia nitrogen (NH ₃ -NH ₄)	0.01	mg N/L	Sous-traitance	Yes
Kjeldahl nitrogen	0.07	mg N/L	Sous-traitance	Yes
COD	2	mg/L	Sous-traitance	Yes
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Ammonia NH ₃ (non-ionized)	0.01	mg N/L	Sous-traitance	-
Nitrate (NO ₃)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO ₂)	0.01	mg N/L	Sous-traitance	Yes
BOD-5	1	mg/L	Sous-traitance	

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Quality control Report

Lab number: V-65748

Sample name: STP-SEP

Sampling location: STP-SEP

Sampling date: July 17, 2017

Sampling hour: 08:00

Parameter

Ammonia nitrogen (NH ₃ -NH ₄) m	Blank <0.01
Kjeldahl nitrogen mg N/L	Blank <0.05
	Standard name DMR-0343-2017-NTK
	Result 5.93
	Accuracy 95.4%
	Limit 4.82 - 6.52
COD mg/L	Blank <2
	Standard name Dmr-0343-2017-9-DCO
	Result 57
	Accuracy 94.4%
	Limit 42 - 66
Total Suspended Solids mg/L	Blank <1
	Standard name DMR-0368-2017-2
	Result 135
	Accuracy 98.5%
	Limit 103 - 163
Ammonia NH ₃ (non-ionized) mg	Blank <0.01
Nitrate (NO ₃) mg N/L	Blank <0.01
Nitrite (NO ₂) mg N/L	Blank <0.01
	Standard name DMR-0343-2017-NO2
	Result 2.61
	Accuracy 96.3%
	Limit 2.30 - 3.12

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Additional information

Lab number: V-65748
Sample name: STP-SEP
Sampling location: STP-SEP

Sampling date: July 17, 2017
Sampling hour: 08:00

Lab method	Method reference
M-NH3-2.0	MA.300-N 2.0
M-DCO-1.0	MA.315-DCO 1.1
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-65751

Sampling location: Portage south

Sampling date: July 17, 2017

Sample name: ST-19

Sampling hour: 08:00

Sampled by: Martin T

Date received: July 18, 2017

Matrix: Water

Reported on: July 31, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
This report shall not be reproduced except in full without the written authority of the laboratory.



Analytical Report

Lab number: V-65751

Sample name: ST-19

Sampling date: July 17, 2017

Sampling location: Portage south

Sampling hour: 08:00

Parameter	Result	Method name	Analysis date
Alkalinity	74 mg CaCO ₃ /L	M-TIT-1.0	July 18, 2017
Aluminium (Al)	0.019 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Dissolved Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Dissolved Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Dissolved Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	3.35 mg N/L	Sous-traitance\Multilab Direct	July 21, 2017
Barium (Ba)	0.0141 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Dissolved Barium (Ba)	0.0086 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Cadmium (Cd)	0.00003 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Dissolved Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Chloride	28 mg/L	Sous-traitance\Multilab Direct	July 21, 2017
Chrome (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Dissolved Chromium (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Copper (Cu)	0.0015 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Dissolved Copper (Cu)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Cyanide W.A.D.	0.010 mg/L	Sous-traitance\Multilab Direct	July 27, 2017
Total Cyanide (CNT)	0.012 mg/L	Sous-traitance\Multilab Direct	July 27, 2017
Hardness	185 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	July 23, 2017
Iron (Fe)	0.03 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Dissolved Iron (Fe)	<0.01 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Fluoride (F)	0.41 mg/L	Sous-traitance\Multilab Direct	July 20, 2017
Total Suspended Solids	3 mg/L	M-SOLI-1.0	July 19, 2017
Manganese (Mn)	0.1198 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Dissolved Manganese (Mn)	0.1051 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Mercury (Hg)	0.00001 mg/L	Sous-traitance\Multilab Direct	July 24, 2017
Dissolved Mercury (Hg)	0.00002 mg/L	Sous-traitance\Multilab Direct	July 24, 2017
Molybdenum (Mo)	0.0267 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Dissolved Molybdenum (Mo)	0.0268 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Ammonia NH ₃ (non-ionized)	0.08 mg N/L	Sous-traitance\Multilab Direct	July 21, 2017
Nickel (Ni)	0.0244 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Dissolved Nickel (Ni)	0.0251 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Nitrate (NO ₃)	0.69 mg N/L	Sous-traitance\Multilab Direct	July 20, 2017
Nitrite (NO ₂)	0.19 mg N/L	Sous-traitance\Multilab Direct	July 20, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Dissolved Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Selenium (Se)	0.001 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Dissolved Selenium (Se)	0.001 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Dissolved Solids	363 mg/L	M-TIT-1.0	July 18, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Analytical Report

Lab number: V-65751

Sample name: ST-19

Sampling date: July 17, 2017

Sampling location: Portage south

Sampling hour: 08:00

Parameter	Result	Method name	Analysis date
Sulfate (SO4)	110 mg SO4/L	Sous-traitance\Multilab Direct	July 21, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	July 26, 2017
Dissolved thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	July 26, 2017
Zinc (Zn)	0.001 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Dissolved Zinc	<0.001 mg/L	Sous-traitance\Multilab Direct	July 23, 2017

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Detection limit

Lab number: V-65751

Sample name: ST-19

Sampling date: July 17, 2017

Sampling location: Portage south

Sampling hour: 08:00

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO ₃ /L	M-TIT-1.0	
Aluminium (Al)	0.006	mg/L	Sous-traitance	
Dissolved Aluminium (Al)	0.006	mg/L	Sous-traitance	
Silver (Ag)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Silver (Ag)	0.0001	mg/L	Sous-traitance	
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Arsenic (As)	0.0005	mg/L	Sous-traitance	
Ammonia nitrogen (NH ₃ -NH ₄)	0.01	mg N/L	Sous-traitance	Yes
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Barium (Ba)	0.0005	mg/L	Sous-traitance	
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Dissolved Cadmium (Cd)	0.00002	mg/L	Sous-traitance	
Chloride	0.5	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Dissolved Chromium (Cr)	0.0006	mg/L	Sous-traitance	
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Copper (Cu)	0.0005	mg/L	Sous-traitance	
Cyanide W.A.D.	0.001	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO ₃ /L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes
Dissolved Iron (Fe)	0.01	mg/L	Sous-traitance	
Fluoride (F)	0.02	mg/L	Sous-traitance	Yes
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Manganese (Mn)	0.0005	mg/L	Sous-traitance	
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Dissolved Mercury (Hg)	0.00001	mg/L	Sous-traitance	
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	
Ammonia NH ₃ (non-ionized)	0.01	mg N/L	Sous-traitance	-
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Nickel (Ni)	0.0005	mg/L	Sous-traitance	
Nitrate (NO ₃)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO ₂)	0.01	mg N/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Dissolved Lead (Pb)	0.0003	mg/L	Sous-traitance	
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Dissolved Selenium (Se)	0.001	mg/L	Sous-traitance	
Dissolved Solids	1	mg/L	M-TIT-1.0	

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Detection limit

Lab number: V-65751

Sample name: ST-19

Sampling date: July 17, 2017

Sampling location: Portage south

Sampling hour: 08:00

Parameter	Value	Unit	Method	Accreditation
Sulfate (SO4)	0.6	mg SO4/L	Sous-traitance	Yes
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Dissolved thallium (Tl)	0.0008	mg/L	Sous-traitance	
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes
Dissolved Zinc	0.001	mg/L	Sous-traitance	

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Quality control Report

Lab number: V-65751

Sample name: ST-19

Sampling location: Portage south

Sampling date: July 17, 2017

Sampling hour: 08:00

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 149 Accuracy 97.2% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006
	Standard name C00-046-705_X_1000 Result 1.01 Accuracy 99% Limit 0.800 - 1.200
Dissolved Aluminium (Al) mg/L	Blank <0.006
	Standard name C00-046-705_X_1000 Result 1.01 Accuracy 99% Limit 0.800 - 1.200
Silver (Ag) mg/L	Blank <0.0001
	Standard name DMR-0013-2017-Ag Result 0.0372 Accuracy 87.7% Limit 0.0339 - 0.0509
Dissolved Silver (Ag) mg/L	Blank <0.0001
	Standard name DMR-0013-2017-Ag Result 0.0349 Accuracy 82.3% Limit 0.0339 - 0.0509
Arsenic (As) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000 Result 0.0800 Accuracy 80% Limit 0.0700 - 0.1300
Dissolved Arsenic (As) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000 Result 0.0800 Accuracy 80% Limit 0.0800 - 0.1200
Ammonia nitrogen (NH ₃ -NH ₄) mg N/L	Blank <0.01
Barium (Ba) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000 Result 0.0822 Accuracy 82.2% Limit 0.0800 - 0.1200

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Quality control Report

Lab number: V-65751

Sample name: ST-19

Sampling location: Portage south

Sampling date: July 17, 2017

Sampling hour: 08:00

Parameter	
Dissolved Barium (Ba) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0822 Accuracy 82.2% Limit 0.0800 - 0.1200
Cadmium (Cd) mg/L	Blank <0.00002 Standard name C00-046-705_X_1000 Result 0.09638 Accuracy 96.4% Limit 0.0800 - 0.1200
Dissolved Cadmium (Cd) mg/L	Blank <0.00002 Standard name C00-046-705_X_1000 Result 0.09638 Accuracy 96.4% Limit 0.0800 - 0.1200
Chloride mg/L	Blank <0.5 Standard name DMR-0343-2017-Cl Result 111 Accuracy 97.2% Limit 95 - 121
Chrome (Cr) mg/L	Blank <0.0006 Standard name C00-046-705_X_1000 Result 0.0978 Accuracy 97.8% Limit 0.0800 - 0.1200
Dissolved Chromium (Cr) mg/L	Blank <0.0006 Standard name C00-046-705_X_1000 Result 0.0978 Accuracy 97.8% Limit 0.0800 - 0.1200
Copper (Cu) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1069 Accuracy 93.1% Limit 0.0800 - 0.1200
Dissolved Copper (Cu) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1069 Accuracy 93.1% Limit 0.0800 - 0.1200

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Quality control Report

Lab number: V-65751

Sample name: ST-19

Sampling location: Portage south

Sampling date: July 17, 2017

Sampling hour: 08:00

Parameter	
Cyanide W.A.D. mg/L	Blank <0.001 Standard name DMR-0343-CN Result 0.926 Accuracy 95.1% Limit 0.751 - 1.015
Total Cyanide (CNT) mg/L	Blank <0.001 Standard name DMR-0343-CN Result 1.22 Accuracy 96.6% Limit 1.003 - 1.357
Iron (Fe) mg/L	Blank <0.01 Standard name C00-046-705_X_1000 Result 1.09 Accuracy 91% Limit 0.800 - 1.200
Dissolved Iron (Fe) mg/L	Blank <0.01 Standard name C00-046-705_X_1000 Result 1.09 Accuracy 91% Limit 0.800 - 1.200
Fluoride (F) mg/L	Blank <0.02 Standard name DMR-0343-2017-F Result 2.50 Accuracy 91.3% Limit 2.1 - 2.5
Total Suspended Solids mg/L	Blank <1 Standard name DMR-0368-2017-2 Result 135 Accuracy 98.5% Limit 103 - 163
Manganese (Mn) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1004 Accuracy 99.6% Limit 0.0800 - 0.1200
Dissolved Manganese (Mn) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1004 Accuracy 99.6% Limit 0.0800 - 0.1200

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Quality control Report

Lab number: V-65751

Sample name: ST-19

Sampling location: Portage south

Sampling date: July 17, 2017

Sampling hour: 08:00

Parameter	
Mercury (Hg) mg/L	Blank <0.00001 Standard name DMR-0219-2017-HgEu Result 0.00049 Accuracy 70% Limit 0.00042 - 0.00098
Dissolved Mercury (Hg) mg/L	Blank <0.00001 Standard name DMR-0266-2017-HgEu Result 0.00054 Accuracy 77.1% Limit 0.00042 - 0.00098
Molybdenum (Mo) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0912 Accuracy 91.2% Limit 0.0800 - 0.1200
Dissolved Molybdenum (Mo) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0912 Accuracy 91.2% Limit 0.0800 - 0.1200
Ammonia NH3 (non-ionized) mg N/L	Blank <0.01
Nickel (Ni) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1006 Accuracy 99.4% Limit 0.0800 - 0.1200
Dissolved Nickel (Ni) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1006 Accuracy 99.4% Limit 0.0800 - 0.1200
Nitrate (NO3) mg N/L	Blank <0.01
Nitrite (NO2) mg N/L	Blank <0.01 Standard name DMR-0343-2017-NO2 Result 2.55 Accuracy 94.1% Limit 2.30 - 3.12
Lead (Pb) mg/L	Blank <0.0003 Standard name C00-046-705_X_1000 Result 0.0921

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Quality control Report

Lab number: V-65751

Sample name: ST-19

Sampling location: Portage south

Sampling date: July 17, 2017

Sampling hour: 08:00

Parameter

Dissolved Lead (Pb) mg/L
Accuracy 92.1%
Limit 0.0800 - 0.1200
Blank <0.0003
Standard name C00-046-705_X_1000
Result 0.0921

Selenium (Se) mg/L
Accuracy 92.1%
Limit 0.0800 - 0.1200
Blank <0.001
Standard name C00-046-705_X_1000
Result 0.098

Dissolved Selenium (Se) mg/L
Accuracy 98%
Limit 0.0800 - 0.1200
Blank <0.001
Standard name C00-046-705_X_1000
Result 0.098

Sulfate (SO4) mg SO4/L
Accuracy 98%
Limit 0.0800 - 0.1200
Blank <0.6
Standard name DMR-0343-2017-SO4
Result 123

Zinc (Zn) mg/L
Accuracy 100%
Limit 114 - 132
Blank <0.001
Standard name C00-046-705_X_1000
Result 0.099

Dissolved Zinc mg/L
Accuracy 99%
Limit 0.0800 - 0.1200
Blank <0.001
Standard name C00-046-705_X_1000
Result 0.099

Accuracy 99%
Limit 0.0800 - 0.1200

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
This report shall not be reproduced except in full without the written authority of the laboratory.



Additional information

Lab number: V-65751

Sample name: ST-19

Sampling location: Portage south

Sampling date: July 17, 2017

Sampling hour: 08:00

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-NH3-2.0	MA.300-N 2.0
M-CL-2.0	MA.300-Ions 1.3
M-CN-1.0	MA.300-CN 1.2
M-CI-1.0	MA.300-Anions 1.0
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-SULF-2.0	MA.300-Ions 1.3

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-65752

Sampling location: Portage south

Sampling date: July 17, 2017

Sample name: ST-19 DUP

Sampling hour: 08:00

Sampled by: Martin T

Date received: July 18, 2017

Matrix: Water

Reported on: July 31, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Lab number: V-65752

Sample name: ST-19 DUP

Sampling date: July 17, 2017

Sampling location: Portage south

Sampling hour: 08:00

Parameter	Result	Method name	Analysis date
Alkalinity	74 mg CaCO ₃ /L	M-TIT-1.0	July 18, 2017
Aluminium (Al)	0.025 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Dissolved Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Dissolved Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Dissolved Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	3.33 mg N/L	Sous-traitance\Multilab Direct	July 21, 2017
Barium (Ba)	0.0122 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Dissolved Barium (Ba)	0.0082 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Cadmium (Cd)	0.00002 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Dissolved Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Chloride	28 mg/L	Sous-traitance\Multilab Direct	July 21, 2017
Chrome (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Dissolved Chromium (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Copper (Cu)	0.0021 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Dissolved Copper (Cu)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Cyanide W.A.D.	0.010 mg/L	Sous-traitance\Multilab Direct	July 27, 2017
Total Cyanide (CNT)	0.012 mg/L	Sous-traitance\Multilab Direct	July 27, 2017
Hardness	187 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	July 23, 2017
Iron (Fe)	0.04 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Dissolved Iron (Fe)	<0.01 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Fluoride (F)	0.41 mg/L	Sous-traitance\Multilab Direct	July 20, 2017
Total Suspended Solids	2 mg/L	M-SOLI-1.0	July 19, 2017
Manganese (Mn)	0.1219 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Dissolved Manganese (Mn)	0.1014 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Mercury (Hg)	0.00003 mg/L	Sous-traitance\Multilab Direct	July 24, 2017
Dissolved Mercury (Hg)	0.00002 mg/L	Sous-traitance\Multilab Direct	July 24, 2017
Molybdenum (Mo)	0.0271 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Dissolved Molybdenum (Mo)	0.0259 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Ammonia NH ₃ (non-ionized)	0.08 mg N/L	Sous-traitance\Multilab Direct	July 21, 2017
Nickel (Ni)	0.0249 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Dissolved Nickel (Ni)	0.0246 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Nitrate (NO ₃)	0.79 mg N/L	Sous-traitance\Multilab Direct	July 20, 2017
Nitrite (NO ₂)	0.19 mg N/L	Sous-traitance\Multilab Direct	July 20, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Dissolved Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Selenium (Se)	0.001 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Dissolved Selenium (Se)	0.002 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Dissolved Solids	361 mg/L	M-TIT-1.0	July 18, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Analytical Report

Lab number: V-65752

Sample name: ST-19 DUP

Sampling date: July 17, 2017

Sampling location: Portage south

Sampling hour: 08:00

Parameter	Result	Method name	Analysis date
Sulfate (SO4)	109 mg SO4/L	Sous-traitance\Multilab Direct	July 21, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	July 26, 2017
Dissolved thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	July 26, 2017
Zinc (Zn)	0.003 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Dissolved Zinc	0.002 mg/L	Sous-traitance\Multilab Direct	July 23, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Detection limit

Lab number: V-65752

Sample name: ST-19 DUP

Sampling date: July 17, 2017

Sampling location: Portage south

Sampling hour: 08:00

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO ₃ /L	M-TIT-1.0	
Aluminium (Al)	0.006	mg/L	Sous-traitance	
Dissolved Aluminium (Al)	0.006	mg/L	Sous-traitance	
Silver (Ag)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Silver (Ag)	0.0001	mg/L	Sous-traitance	
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Arsenic (As)	0.0005	mg/L	Sous-traitance	
Ammonia nitrogen (NH ₃ -NH ₄)	0.01	mg N/L	Sous-traitance	Yes
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Barium (Ba)	0.0005	mg/L	Sous-traitance	
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Dissolved Cadmium (Cd)	0.00002	mg/L	Sous-traitance	
Chloride	0.5	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Dissolved Chromium (Cr)	0.0006	mg/L	Sous-traitance	
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Copper (Cu)	0.0005	mg/L	Sous-traitance	
Cyanide W.A.D.	0.001	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO ₃ /L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes
Dissolved Iron (Fe)	0.01	mg/L	Sous-traitance	
Fluoride (F)	0.02	mg/L	Sous-traitance	Yes
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Manganese (Mn)	0.0005	mg/L	Sous-traitance	
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Dissolved Mercury (Hg)	0.00001	mg/L	Sous-traitance	
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	
Ammonia NH ₃ (non-ionized)	0.01	mg N/L	Sous-traitance	-
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Nickel (Ni)	0.0005	mg/L	Sous-traitance	
Nitrate (NO ₃)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO ₂)	0.01	mg N/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Dissolved Lead (Pb)	0.0003	mg/L	Sous-traitance	
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Dissolved Selenium (Se)	0.001	mg/L	Sous-traitance	
Dissolved Solids	1	mg/L	M-TIT-1.0	

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Detection limit

Lab number: V-65752

Sample name: ST-19 DUP

Sampling date: July 17, 2017

Sampling location: Portage south

Sampling hour: 08:00

Parameter	Value	Unit	Method	Accreditation
Sulfate (SO4)	0.6	mg SO4/L	Sous-traitance	Yes
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Dissolved thallium (Tl)	0.0008	mg/L	Sous-traitance	
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes
Dissolved Zinc	0.001	mg/L	Sous-traitance	

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Quality control Report

Lab number: V-65752

Sample name: ST-19 DUP

Sampling location: Portage south

Sampling date: July 17, 2017

Sampling hour: 08:00

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 149 Accuracy 97.2% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006
	Standard name C00-046-705_X_1000 Result 1.01 Accuracy 99% Limit 0.800 - 1.200
Dissolved Aluminium (Al) mg/L	Blank <0.006
	Standard name C00-046-705_X_1000 Result 1.01 Accuracy 99% Limit 0.800 - 1.200
Silver (Ag) mg/L	Blank <0.0001
	Standard name DMR-0013-2017-Ag Result 0.0372 Accuracy 87.7% Limit 0.0339 - 0.0509
Dissolved Silver (Ag) mg/L	Blank <0.0001
	Standard name DMR-0013-2017-Ag Result 0.0349 Accuracy 82.3% Limit 0.0339 - 0.0509
Arsenic (As) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000 Result 0.0800 Accuracy 80% Limit 0.0700 - 0.1300
Dissolved Arsenic (As) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000 Result 0.0800 Accuracy 80% Limit 0.0800 - 0.1200
Ammonia nitrogen (NH ₃ -NH ₄) mg N/L	Blank <0.01
Barium (Ba) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000 Result 0.0822 Accuracy 82.2% Limit 0.0800 - 0.1200

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Quality control Report

Lab number: V-65752

Sample name: ST-19 DUP

Sampling location: Portage south

Sampling date: July 17, 2017

Sampling hour: 08:00

Parameter	
Dissolved Barium (Ba) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0822 Accuracy 82.2% Limit 0.0800 - 0.1200
Cadmium (Cd) mg/L	Blank <0.00002 Standard name C00-046-705_X_1000 Result 0.09638 Accuracy 96.4% Limit 0.0800 - 0.1200
Dissolved Cadmium (Cd) mg/L	Blank <0.00002 Standard name C00-046-705_X_1000 Result 0.09638 Accuracy 96.4% Limit 0.0800 - 0.1200
Chloride mg/L	Blank <0.5 Standard name DMR-0343-2017-Cl Result 111 Accuracy 97.2% Limit 95 - 121
Chrome (Cr) mg/L	Blank <0.0006 Standard name C00-046-705_X_1000 Result 0.0978 Accuracy 97.8% Limit 0.0800 - 0.1200
Dissolved Chromium (Cr) mg/L	Blank <0.0006 Standard name C00-046-705_X_1000 Result 0.0978 Accuracy 97.8% Limit 0.0800 - 0.1200
Copper (Cu) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1069 Accuracy 93.1% Limit 0.0800 - 0.1200
Dissolved Copper (Cu) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1069 Accuracy 93.1% Limit 0.0800 - 0.1200

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Quality control Report

Lab number: V-65752

Sample name: ST-19 DUP

Sampling location: Portage south

Sampling date: July 17, 2017

Sampling hour: 08:00

Parameter	
Cyanide W.A.D. mg/L	Blank <0.001 Standard name DMR-0343-CN Result 0.926 Accuracy 95.1% Limit 0.751 - 1.015
Total Cyanide (CNT) mg/L	Blank <0.001 Standard name DMR-0343-CN Result 1.22 Accuracy 96.6% Limit 1.003 - 1.357
Iron (Fe) mg/L	Blank <0.01 Standard name C00-046-705_X_1000 Result 1.09 Accuracy 91% Limit 0.800 - 1.200
Dissolved Iron (Fe) mg/L	Blank <0.01 Standard name C00-046-705_X_1000 Result 1.09 Accuracy 91% Limit 0.800 - 1.200
Fluoride (F) mg/L	Blank <0.02 Standard name DMR-0343-2017-F Result 2.50 Accuracy 91.3% Limit 2.1 - 2.5
Total Suspended Solids mg/L	Blank <1 Standard name DMR-0368-2017-2 Result 135 Accuracy 98.5% Limit 103 - 163
Manganese (Mn) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1004 Accuracy 99.6% Limit 0.0800 - 0.1200
Dissolved Manganese (Mn) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1004 Accuracy 99.6% Limit 0.0800 - 0.1200

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Quality control Report

Lab number: V-65752

Sample name: ST-19 DUP

Sampling location: Portage south

Sampling date: July 17, 2017

Sampling hour: 08:00

Parameter	
Mercury (Hg) mg/L	Blank <0.00001 Standard name DMR-0219-2017-HgEu Result 0.00049 Accuracy 70% Limit 0.00042 - 0.00098
Dissolved Mercury (Hg) mg/L	Blank <0.00001 Standard name DMR-0266-2017-HgEu Result 0.00060 Accuracy 85.7% Limit 0.00042 - 0.00098
Molybdenum (Mo) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0912 Accuracy 91.2% Limit 0.0800 - 0.1200
Dissolved Molybdenum (Mo) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0912 Accuracy 91.2% Limit 0.0800 - 0.1200
Ammonia NH3 (non-ionized) mg N/L	Blank <0.01
Nickel (Ni) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1006 Accuracy 99.4% Limit 0.0800 - 0.1200
Dissolved Nickel (Ni) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1006 Accuracy 99.4% Limit 0.0800 - 0.1200
Nitrate (NO3) mg N/L	Blank <0.01
Nitrite (NO2) mg N/L	Blank <0.01 Standard name DMR-0343-2017-NO2 Result 2.55 Accuracy 94.1% Limit 2.30 - 3.12
Lead (Pb) mg/L	Blank <0.0003 Standard name C00-046-705_X_1000 Result 0.0921

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Quality control Report

Lab number: V-65752

Sample name: ST-19 DUP

Sampling location: Portage south

Sampling date: July 17, 2017

Sampling hour: 08:00

Parameter

Dissolved Lead (Pb) mg/L
Accuracy 92.1%
Limit 0.0800 - 0.1200
Blank <0.0003
Standard name C00-046-705_X_1000
Result 0.0921

Selenium (Se) mg/L
Accuracy 92.1%
Limit 0.0800 - 0.1200
Blank <0.001
Standard name C00-046-705_X_1000
Result 0.098

Dissolved Selenium (Se) mg/L
Accuracy 98%
Limit 0.0800 - 0.1200
Blank <0.001
Standard name C00-046-705_X_1000
Result 0.098

Sulfate (SO4) mg SO4/L
Accuracy 98%
Limit 0.0800 - 0.1200
Blank <0.6
Standard name DMR-0343-2017-SO4
Result 123

Zinc (Zn) mg/L
Accuracy 100%
Limit 114 - 132
Blank <0.001
Standard name C00-046-705_X_1000
Result 0.099

Dissolved Zinc mg/L
Accuracy 99%
Limit 0.0800 - 0.1200
Blank <0.001
Standard name C00-046-705_X_1000
Result 0.099

Accuracy 99%
Limit 0.0800 - 0.1200

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Additional information

Lab number: V-65752

Sample name: ST-19 DUP

Sampling location: Portage south

Sampling date: July 17, 2017

Sampling hour: 08:00

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-NH3-2.0	MA.300-N 2.0
M-CL-2.0	MA.300-Ions 1.3
M-CN-1.0	MA.300-CN 1.2
M-CI-1.0	MA.300-Anions 1.0
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-SULF-2.0	MA.300-Ions 1.3

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-65753

Sampling location: Vault pit

Sampling date: July 17, 2017

Sample name: ST-23

Sampling hour: 08:00

Sampled by: Patrick A

Date received: July 18, 2017

Matrix: Waste Water

Reported on: July 31, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Lab number: V-65753

Sample name: ST-23

Sampling location: Vault pit

Sampling date: July 17, 2017

Sampling hour: 08:00

Parameter	Result	Method name	Analysis date
Alkalinity	115 mg CaCO ₃ /L	M-TIT-1.0	July 18, 2017
Aluminium (Al)	1.15 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Dissolved Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Antimony (Sb)	0.0055 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Dissolved Antimony (Sb)	<0.0001 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Dissolved Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	3.61 mg N/L	Sous-traitance\Multilab Direct	July 21, 2017
Kjeldahl nitrogen	4.6 mg N/L	Sous-traitance\Multilab Direct	July 27, 2017
Barium (Ba)	0.0232 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Dissolved Barium (Ba)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Dissolved Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
bicarbonate (HCO ₃)	115 mg CaCO ₃ /L	M-TIT-1.0	July 18, 2017
Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Dissolved Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Cadmium (Cd)	0.00008 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Dissolved Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Calcium (Ca)	72.3 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Carbonate (CO ₃)	<2 mg CaCO ₃ /L	M-TIT-1.0	July 18, 2017
Dissolved Organic Carbon (D.O.C.)	7.0 mg/L	M-COT-1.0	July 18, 2017
Total Organic Carbon (T.O.C.)	7.0 mg/L	M-COT-1.0	July 18, 2017
Chloride	26.8 mg/L	Sous-traitance\Multilab Direct	July 21, 2017
Chrome (Cr)	0.0017 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Dissolved Chromium (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Copper (Cu)	0.0049 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Dissolved Copper (Cu)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Total Cyanide (CNT)	0.061 mg/L	Sous-traitance\Multilab Direct	July 27, 2017
Hardness	265 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	July 23, 2017
Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
dissolved Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Iron (Fe)	2.37 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Iron (Fe)	2.37 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Dissolved Iron (Fe)	<0.01 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Fluoride (F)	0.2 mg/L	Sous-traitance\Multilab Direct	July 20, 2017
Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	July 26, 2017
Dissolved Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	July 26, 2017
Total Suspended Solids	55 mg/L	M-SOLI-1.0	July 19, 2017
Magnesium (Mg)	20.6 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Manganese (Mn)	0.2094 mg/L	Sous-traitance\Multilab Direct	July 23, 2017

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Analytical Report

Lab number: V-65753

Sample name: ST-23

Sampling location: Vault pit

Sampling date: July 17, 2017

Sampling hour: 08:00

Parameter	Result	Method name	Analysis date
Dissolved Manganese (Mn)	0.0015 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	July 24, 2017
Dissolved Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	July 24, 2017
Molybdenum (Mo)	0.0474 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Dissolved Molybdenum (Mo)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Ammonia NH3 (non-ionized)	0.09 mg N/L	Sous-traitance\Multilab Direct	July 21, 2017
Nickel (Ni)	0.0115 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Dissolved Nickel (Ni)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Nitrate (NO3)	0.82 mg N/L	Sous-traitance\Multilab Direct	July 20, 2017
Nitrite (NO2)	0.29 mg N/L	Sous-traitance\Multilab Direct	July 20, 2017
Ortho-Phosphate (O-PO4)	<0.01 mg P/L	Sous-traitance\Multilab Direct	July 20, 2017
Total Phosphorus (P)	0.17 mg P/L	Sous-traitance\Multilab Direct	July 21, 2017
Lead (Pb)	0.002 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Dissolved Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Potassium (K)	10.7 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Selenium (Se)	0.001 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Dissolved Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Silica (Si)	6.11 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Sodium (Na)	12.9 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Dissolved Solids	432 mg/L	M-TIT-1.0	July 18, 2017
Strontium (Sr)	0.520 mg/L	Sous-traitance\Multilab Direct	July 26, 2017
dissolved Strontium (Sr)	0.510 mg/L	Sous-traitance\Multilab Direct	July 26, 2017
Sulfate (SO4)	125 mg SO4/L	Sous-traitance\Multilab Direct	July 21, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	July 26, 2017
Dissolved thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	July 26, 2017
Titanium (Ti)	0.08 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Dissolved titanium (Ti)	<0.01 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Uranium (U)	0.014 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Dissolved Uranium (U)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Vanadium (V)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Dissolved Vanadium	0.0008 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Zinc (Zn)	0.009 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Dissolved Zinc	<0.001 mg/L	Sous-traitance\Multilab Direct	July 23, 2017

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Detection limit

Lab number: V-65753

Sample name: ST-23

Sampling location: Vault pit

Sampling date: July 17, 2017

Sampling hour: 08:00

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO ₃ /L	M-TIT-1.0	
Aluminium (Al)	0.006	mg/L	Sous-traitance	
Dissolved Aluminium (Al)	0.006	mg/L	Sous-traitance	
Antimony (Sb)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Antimony (Sb)	0.0001	mg/L	Sous-traitance	
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Arsenic (As)	0.0005	mg/L	Sous-traitance	
Ammonia nitrogen (NH ₃ -NH ₄)	0.01	mg N/L	Sous-traitance	Yes
Kjeldahl nitrogen	0.07	mg N/L	Sous-traitance	Yes
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Barium (Ba)	0.0005	mg/L	Sous-traitance	
Beryllium (Be)	0.0005	mg/L	Sous-traitance	
Dissolved Beryllium (Be)	0.0005	mg/L	Sous-traitance	
bicarbonate (HCO ₃)	2	mg CaCO ₃ /L	M-TIT-1.0	
Boron (B)	0.01	mg/L	Sous-traitance	Yes
Dissolved Boron (B)	0.01	mg/L	Sous-traitance	
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Dissolved Cadmium (Cd)	0.00002	mg/L	Sous-traitance	
Calcium (Ca)	0.03	mg/L	Sous-traitance	Yes
Carbonate (CO ₃)	2	mg CaCO ₃ /L	M-TIT-1.0	
Dissolved Organic Carbon (D.O.C.)	0.2	mg/L	M-COT-1.0	--
Total Organic Carbon (T.O.C.)	0.2	mg/L	M-COT-1.0	Yes
Chloride	0.5	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Dissolved Chromium (Cr)	0.0006	mg/L	Sous-traitance	
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Copper (Cu)	0.0005	mg/L	Sous-traitance	
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO ₃ /L	Sous-traitance	
Tin (Sn)	0.001	mg/L	Sous-traitance	Yes
dissolved Tin (Sn)	0.001	mg/L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes
Dissolved Iron (Fe)	0.01	mg/L	Sous-traitance	
Fluoride (F)	0.02	mg/L	Sous-traitance	Yes
Lithium (Li)	0.005	mg/L	Sous-traitance	
Dissolved Lithium (Li)	0.005	mg/L	Sous-traitance	
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Magnesium (Mg)	0.02	mg/L	Sous-traitance	Yes
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

This report shall not be reproduced except in full without the written authority of the laboratory.



Detection limit

Lab number: V-65753

Sample name: ST-23

Sampling date: July 17, 2017

Sampling location: Vault pit

Sampling hour: 08:00

Parameter	Value	Unit	Method	Accreditation
Dissolved Manganese (Mn)	0.0005	mg/L	Sous-traitance	
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Dissolved Mercury (Hg)	0.00001	mg/L	Sous-traitance	
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	
Ammonia NH3 (non-ionized)	0.01	mg N/L	Sous-traitance	-
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Nickel (Ni)	0.0005	mg/L	Sous-traitance	
Nitrate (NO3)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO2)	0.01	mg N/L	Sous-traitance	Yes
Ortho-Phosphate (O-PO4)	0.01	mg P/L	Sous-traitance	Yes
Total Phosphorus (P)	0.01	mg P/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Dissolved Lead (Pb)	0.0003	mg/L	Sous-traitance	
Potassium (K)	0.05	mg/L	Sous-traitance	
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Dissolved Selenium (Se)	0.001	mg/L	Sous-traitance	
Silica (Si)	0.01	mg/L	Sous-traitance	
Sodium (Na)	0.05	mg/L	Sous-traitance	Yes
Dissolved Solids	1	mg/L	M-TIT-1.0	
Strontium (Sr)	0.005	mg/L	Sous-traitance	
dissolved Strontium (Sr)	0.005	mg/L	Sous-traitance	
Sulfate (SO4)	0.6	mg SO4/L	Sous-traitance	Yes
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Dissolved thallium (Tl)	0.0008	mg/L	Sous-traitance	
Titanium (Ti)	0.01	mg/L	Sous-traitance	
Dissolved titanium (Ti)	0.01	mg/L	Sous-traitance	
Uranium (U)	0.001	mg/L	Sous-traitance	
Dissolved Uranium (U)	0.001	mg/L	Sous-traitance	
Vanadium (V)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Vanadium	0.0005	mg/L	Sous-traitance	
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes
Dissolved Zinc	0.001	mg/L	Sous-traitance	

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Quality control Report

Lab number: V-65753

Sample name: ST-23

Sampling location: Vault pit

Sampling date: July 17, 2017

Sampling hour: 08:00

Parameter	
Alkalinity mg CaCO3/L	Standard name STD alcalinité Result 149 Accuracy 97.2% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006
	Standard name C00-046-705_X_1000 Result 1.01 Accuracy 99% Limit 0.800 - 1.200
Dissolved Aluminium (Al) mg/L	Blank <0.006
	Standard name C00-046-705_X_1000 Result 1.01 Accuracy 99% Limit 0.800 - 1.200
Antimony (Sb) mg/L	Blank <0.0001
	Standard name C00-046-705_X_1000 Result 0.0100 Accuracy 100% Limit 0.0080 - 0.0120
Dissolved Antimony (Sb) mg/L	Blank <0.0001
	Standard name C00-046-705_X_1000 Result 0.0100 Accuracy 100% Limit 0.0080 - 0.0120
Dissolved Arsenic (As) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000 Result 0.0800 Accuracy 80% Limit 0.0800 - 0.1200
Ammonia nitrogen (NH3-NH4) mg N/L	Blank <0.01
Kjeldahl nitrogen mg N/L	Blank <0.05
	Standard name DMR-0343-2017-NTK Result 5.93 Accuracy 95.4% Limit 4.82 - 6.52
Barium (Ba) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000 Result 0.0822 Accuracy 82.2% Limit 0.0800 - 0.1200

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Quality control Report

Lab number: V-65753

Sample name: ST-23

Sampling location: Vault pit

Sampling date: July 17, 2017

Sampling hour: 08:00

Parameter	
Dissolved Barium (Ba) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0822 Accuracy 82.2% Limit 0.0800 - 0.1200
Beryllium (Be) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0993 Accuracy 99.3% Limit 0.0800 - 0.1200
Dissolved Beryllium (Be) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0993 Accuracy 99.3% Limit 0.0800 - 0.1200
Boron (B) mg/L	Blank <0.01 Standard name C00-046-705_X_1000 Result 1.04 Accuracy 96% Limit 0.800 - 1.200
Dissolved Boron (B) mg/L	Blank <0.01 Standard name C00-046-705_X_1000 Result 1.04 Accuracy 96% Limit 0.800 - 1.200
Cadmium (Cd) mg/L	Blank <0.00002 Standard name C00-046-705_X_1000 Result 0.09638 Accuracy 96.4% Limit 0.0800 - 0.1200
Dissolved Cadmium (Cd) mg/L	Blank <0.00002 Standard name C00-046-705_X_1000 Result 0.09638 Accuracy 96.4% Limit 0.0800 - 0.1200
Dissolved Organic Carbon (D.O.C.) mg/L	Blank 0.2 Standard name COD 10mg/L Result 12 Accuracy 80% Limit 8 - 12

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Quality control Report

Lab number: V-65753

Sample name: ST-23

Sampling location: Vault pit

Sampling date: July 17, 2017

Sampling hour: 08:00

Parameter

Total Organic Carbon (T.O.C.) mg/L	Blank 0.2 Standard name COT 10mg/L Result 12 Accuracy 80% Limit 8 - 12
Chloride mg/L	Blank <0.5 Standard name DMR-0343-2017-Cl Result 111 Accuracy 97.2% Limit 95 - 121
Chrome (Cr) mg/L	Blank <0.0006 Standard name C00-046-705_X_1000 Result 0.0978 Accuracy 97.8% Limit 0.0800 - 0.1200
Dissolved Chromium (Cr) mg/L	Blank <0.0006 Standard name C00-046-705_X_1000 Result 0.0978 Accuracy 97.8% Limit 0.0800 - 0.1200
Copper (Cu) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1069 Accuracy 93.1% Limit 0.0800 - 0.1200
Dissolved Copper (Cu) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1069 Accuracy 93.1% Limit 0.0800 - 0.1200
Total Cyanide (CNT) mg/L	Blank <0.001 Standard name DMR-0343-CN Result 1.22 Accuracy 96.6% Limit 1.003 - 1.357
Tin (Sn) mg/L	Sample duplicate 0.061-0.061 Blank <0.001 Standard name DMR-0310-2016-Sn Result 8.13 Accuracy 89.6%

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Quality control Report

Lab number: V-65753

Sample name: ST-23

Sampling location: Vault pit

Sampling date: July 17, 2017

Sampling hour: 08:00

Parameter	
dissolved Tin (Sn) mg/L	Limit 7.26 - 10.88
	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.097
	Accuracy 97%
Iron (Fe) mg/L	Limit 0.0700 - 0.1300
	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.09
	Accuracy 91%
Dissolved Iron (Fe) mg/L	Limit 0.800 - 1.200
	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.09
	Accuracy 91%
Fluoride (F) mg/L	Limit 0.800 - 1.200
	Blank <0.02
	Standard name DMR-0343-2017-F
	Result 2.50
	Accuracy 91.3%
Lithium (Li) mg/L	Limit 2.1 - 2.5
	Blank <0.005
	Standard name DMR-0219-2017-Eu
	Result 0.712
	Accuracy 84.2%
Dissolved Lithium (Li) mg/L	Limit 0.677 - 1.015
	Blank <0.005
	Standard name DMR-0219-2017-Eu
	Result 0.755
	Accuracy 89.2%
Total Suspended Solids mg/L	Limit 0.677 - 1.015
	Blank <1
	Standard name DMR-0368-2017-2
	Result 135
	Accuracy 98.5%
Magnesium (Mg) mg/L	Limit 103 - 163
	Blank <0.02
	Standard name C00-046-705_X_1000
	Result 1.10
	Accuracy 90%

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Quality control Report

Lab number: V-65753

Sample name: ST-23

Sampling location: Vault pit

Sampling date: July 17, 2017

Sampling hour: 08:00

Parameter		
Manganese (Mn) mg/L	Limit 0.800 - 1.200	
	Blank <0.0005	
	Standard name C00-046-705_X_1000	
	Result 0.1004	
	Accuracy 99.6%	
Dissolved Manganese (Mn) mg/L	Limit 0.0800 - 0.1200	
	Blank <0.0005	
	Standard name C00-046-705_X_1000	
	Result 0.1004	
	Accuracy 99.6%	
Mercury (Hg) mg/L	Limit 0.0800 - 0.1200	
	Blank <0.00001	
	Standard name DMR-0219-2017-HgEu	
	Result 0.00049	
	Accuracy 70%	
Dissolved Mercury (Hg) mg/L	Limit 0.00042 - 0.00098	
	Blank <0.00001	
	Standard name DMR-0266-2017-HgEu	
	Result 0.00060	
	Accuracy 85.7%	
Molybdenum (Mo) mg/L	Limit 0.00042 - 0.00098	
	Blank <0.0005	
	Standard name C00-046-705_X_1000	
	Result 0.0912	
	Accuracy 91.2%	
Dissolved Molybdenum (Mo) mg/L	Limit 0.0800 - 0.1200	
	Blank <0.0005	
	Standard name C00-046-705_X_1000	
	Result 0.0912	
	Accuracy 91.2%	
Ammonia NH3 (non-ionized) mg N/L	Limit 0.0800 - 0.1200	
	Blank <0.01	
	Dissolved Nickel (Ni) mg/L	Blank <0.0005
		Standard name C00-046-705_X_1000
		Result 0.1006
Accuracy 99.4%		
Nitrate (NO3) mg N/L	Limit 0.0800 - 0.1200	
	Blank <0.01	
	Nitrite (NO2) mg N/L	Blank <0.01
Standard name DMR-0343-2017-NO2		

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Quality control Report

Lab number: V-65753

Sample name: ST-23

Sampling location: Vault pit

Sampling date: July 17, 2017

Sampling hour: 08:00

Parameter	
Ortho-Phosphate (O-PO4) mg P/L	Result 2.55
	Accuracy 94.1%
	Limit 2.30 - 3.12
	Blank <0.01
	Standard name DMR-0343-2017-OPO4
Total Phosphorus (P) mg P/L	Result 3.21
	Accuracy 99.4%
	Limit 2.81 - 3.57
	Sample duplicate <0.01-<0.01
	Blank <0.01
Dissolved Lead (Pb) mg/L	Standard name DMR-0343-2017-Ptotal
	Result 1.11
	Accuracy 97.4%
	Limit 1.00 - 1.28
	Blank <0.0003
Potassium (K) mg/L	Standard name C00-046-705_X_1000
	Result 0.0921
	Accuracy 92.1%
	Limit 0.0800 - 0.1200
	Blank <0.05
Selenium (Se) mg/L	Standard name C00-046-705_X_1000
	Result 0.93
	Accuracy 93%
	Limit 0.800 - 1.200
	Blank <0.001
Dissolved Selenium (Se) mg/L	Standard name C00-046-705_X_1000
	Result 0.098
	Accuracy 98%
	Limit 0.0800 - 0.1200
	Blank <0.001
Silica (Si) mg/L	Standard name C00-046-705_X_1000
	Result 0.098
	Accuracy 98%
	Limit 0.0800 - 0.1200
	Blank <0.01
Sodium (Na) mg/L	Blank <0.05
	Standard name C00-046-705_X_1000
	Result 1.05
	Accuracy 95%
	Limit 0.800 - 1.200

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Quality control Report

Lab number: V-65753

Sample name: ST-23

Sampling location: Vault pit

Sampling date: July 17, 2017

Sampling hour: 08:00

Parameter	
Strontium (Sr) mg/L	Blank <0.005 Standard name DMR-0219-2017-Eu Result 1.36 Accuracy 89.4% Limit 0.98 - 1.48
dissolved Strontium (Sr) mg/L	Blank <0.005 Standard name DMR-0219-2017-Eu Result 1.45 Accuracy 82.1% Limit 0.98 - 1.48
Sulfate (SO4) mg SO4/L	Blank <0.6 Standard name DMR-0343-2017-SO4 Result 123 Accuracy 100% Limit 114 - 132
Thallium (Tl) mg/L	Blank <0.0008 Standard name Tl-S140909023-1000ppm Result 955 Accuracy 95.5% Limit 800 - 1200
Dissolved thallium (Tl) mg/L	Blank <0.0008 Standard name Tl-S140909023-1000ppm Result 960 Accuracy 96% Limit 800 - 1200
Titanium (Ti) mg/L	Blank <0.01
Dissolved titanium (Ti) mg/L	Blank <0.01
Uranium (U) mg/L	Blank <0.001 Standard name C00-046-705_X_1000 Result 0.101 Accuracy 99% Limit 0.0800 - 0.1200
Dissolved Uranium (U) mg/L	Blank <0.001 Standard name C00-046-705_X_1000 Result 0.101 Accuracy 99% Limit 0.0800 - 0.1200
Vanadium (V) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0983

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Quality control Report

Lab number: V-65753

Sample name: ST-23

Sampling location: Vault pit

Sampling date: July 17, 2017

Sampling hour: 08:00

Parameter

Dissolved Vanadium mg/L
Accuracy 98.3%
Limit 0.0800 - 0.1200
Blank <0.0005
Standard name C00-046-705_X_1000
Result 0.0983

Dissolved Zinc mg/L
Accuracy 98.3%
Limit 0.0800 - 0.1200
Blank <0.001
Standard name C00-046-705_X_1000
Result 0.099

Accuracy 99%
Limit 0.0800 - 0.1200

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Additional information

Lab number: V-65753
Sample name: ST-23
Sampling location: Vault pit

Sampling date: July 17, 2017
Sampling hour: 08:00

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-NH3-2.0	MA.300-N 2.0
M-CL-2.0	MA.300-Ions 1.3
M-CN-1.0	MA.300-CN 1.2
M-CI-1.0	MA.300-Anions 1.0
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-P-2.0	MA.303-P 1.1
M-P-3.0	MA. 315-P 2.0
M-SULF-2.0	MA.300-Ions 1.3

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-65754

Sampling location: ST-25

Sampling date: July 17, 2017

Sample name: ST-25

Sampling hour: 08:00

Sampled by: Patrick A

Date received: July 18, 2017

Matrix: Water

Drinking water distribution:

Reported on: August 01, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Lab number: V-65754

Sample name: ST-25

Sampling location: ST-25

Sampling date: July 17, 2017

Sampling hour: 08:00

Parameter	Result	Method name	Analysis date
Alkalinity	54 mg CaCO ₃ /L	M-TIT-1.0	July 18, 2017
Aluminium (Al)	0.135 mg/L	Sous-traitance\Multilab Direct	July 27, 2017
Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	July 27, 2017
Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 27, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	1.55 mg N/L	Sous-traitance\Multilab Direct	July 21, 2017
Barium (Ba)	0.0162 mg/L	Sous-traitance\Multilab Direct	July 27, 2017
Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	July 27, 2017
Chloride	7.2 mg/L	Sous-traitance\Multilab Direct	July 21, 2017
Chrome (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	July 27, 2017
Copper (Cu)	0.0024 mg/L	Sous-traitance\Multilab Direct	July 27, 2017
Total Cyanide (CNT)	0.004 mg/L	Sous-traitance\Multilab Direct	July 27, 2017
Hardness	85 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	July 27, 2017
Iron (Fe)	0.27 mg/L	Sous-traitance\Multilab Direct	July 27, 2017
Fluoride (F)	0.12 mg/L	Sous-traitance\Multilab Direct	July 20, 2017
Total Suspended Solids	6 mg/L	M-SOLI-1.0	July 19, 2017
Manganese (Mn)	0.0443 mg/L	Sous-traitance\Multilab Direct	July 27, 2017
Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	July 24, 2017
Molybdenum (Mo)	0.0108 mg/L	Sous-traitance\Multilab Direct	July 27, 2017
Ammonia NH ₃ (non-ionized)	0.02 mg N/L	Sous-traitance\Multilab Direct	July 21, 2017
Nickel (Ni)	0.0039 mg/L	Sous-traitance\Multilab Direct	July 27, 2017
Nitrate (NO ₃)	0.30 mg N/L	Sous-traitance\Multilab Direct	July 20, 2017
Nitrite (NO ₂)	0.06 mg N/L	Sous-traitance\Multilab Direct	July 20, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	July 27, 2017
Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 27, 2017
Dissolved Solids	156 mg/L	M-TIT-1.0	July 18, 2017
Sulfate (SO ₄)	44.1 mg SO ₄ /L	Sous-traitance\Multilab Direct	July 21, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	July 26, 2017
Zinc (Zn)	0.001 mg/L	Sous-traitance\Multilab Direct	July 27, 2017

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Detection limit

Lab number: V-65754

Sample name: ST-25

Sampling location: ST-25

Sampling date: July 17, 2017

Sampling hour: 08:00

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO3/L	M-TIT-1.0	
Aluminium (Al)	0.006	mg/L	Sous-traitance	
Silver (Ag)	0.0001	mg/L	Sous-traitance	Yes
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Ammonia nitrogen (NH3-NH4)	0.01	mg N/L	Sous-traitance	Yes
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Chloride	0.5	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO3/L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes
Fluoride (F)	0.02	mg/L	Sous-traitance	Yes
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Ammonia NH3 (non-ionized)	0.01	mg N/L	Sous-traitance	-
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Nitrate (NO3)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO2)	0.01	mg N/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Dissolved Solids	1	mg/L	M-TIT-1.0	
Sulfate (SO4)	0.6	mg SO4/L	Sous-traitance	Yes
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes

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Quality control Report

Lab number: V-65754

Sample name: ST-25

Sampling location: ST-25

Sampling date: July 17, 2017

Sampling hour: 08:00

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 149 Accuracy 97.2% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006 Standard name C00-046-705_X_1000 Result 0.993 Accuracy 99.3% Limit 0.800 - 1.200
Silver (Ag) mg/L	Blank <0.0001 Standard name DMR-0343-2017-Ag Result 0.6700 Accuracy 83.5% Limit 0.642 - 0.962
Arsenic (As) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0945 Accuracy 94.5% Limit 0.0700 - 0.1300
Ammonia nitrogen (NH ₃ -NH ₄) m	Blank <0.01
Barium (Ba) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0857 Accuracy 85.7% Limit 0.0800 - 0.1200
Cadmium (Cd) mg/L	Blank <0.00002 Standard name C00-046-705_X_1000 Result 0.08470 Accuracy 84.7% Limit 0.0800 - 0.1200
Chloride mg/L	Blank <0.5 Standard name DMR-0343-2017-Cl Result 111 Accuracy 97.2% Limit 95 - 121
Chrome (Cr) mg/L	Blank <0.0006 Standard name C00-046-705_X_1000 Result 0.0875 Accuracy 87.5% Limit 0.0800 - 0.1200

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Quality control Report

Lab number: V-65754

Sample name: ST-25

Sampling location: ST-25

Sampling date: July 17, 2017

Sampling hour: 08:00

Parameter	
Copper (Cu) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0890 Accuracy 89% Limit 0.0800 - 0.1200
Total Cyanide (CNT) mg/L	Blank <0.001 Standard name DMR-0343-CN Result 1.22 Accuracy 96.6% Limit 1.003 - 1.357
Iron (Fe) mg/L	Blank <0.01 Standard name C00-046-705_X_1000 Result 1.08 Accuracy 92% Limit 0.800 - 1.200
Fluoride (F) mg/L	Blank <0.02 Standard name DMR-0343-2017-F Result 2.50 Accuracy 91.3% Limit 2.1 - 2.5
Total Suspended Solids mg/L	Blank <1 Standard name DMR-0368-2017-2 Result 135 Accuracy 98.5% Limit 103 - 163
Manganese (Mn) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0860 Accuracy 86% Limit 0.0800 - 0.1200
Mercury (Hg) mg/L	Blank <0.00001 Standard name DMR-0219-2017-HgEu Result 0.00049 Accuracy 70% Limit 0.00042 - 0.00098
Molybdenum (Mo) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0815 Accuracy 81.5% Limit 0.0800 - 0.1200

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Quality control Report

Lab number: V-65754

Sample name: ST-25

Sampling location: ST-25

Sampling date: July 17, 2017

Sampling hour: 08:00

Parameter	
Ammonia NH3 (non-ionized) mg	Blank <0.01
Nickel (Ni) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0884
	Accuracy 88.4%
	Limit 0.0800 - 0.1200
Nitrate (NO3) mg N/L	Blank <0.01
Nitrite (NO2) mg N/L	Blank <0.01
	Standard name DMR-0343-2017-NO2
	Result 2.55
	Accuracy 94.1%
	Limit 2.30 - 3.12
Lead (Pb) mg/L	Blank <0.0003
	Standard name C00-046-705_X_1000
	Result 0.0800
	Accuracy 80%
	Limit 0.0800 - 0.1200
Selenium (Se) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.095
	Accuracy 95%
	Limit 0.0800 - 0.1200
Sulfate (SO4) mg SO4/L	Blank <0.6
	Standard name DMR-0343-2017-SO4
	Result 123
	Accuracy 100%
	Limit 114 - 132
Thallium (Tl) mg/L	Blank <0.0008
	Standard name TI-S140909023-1000ppm
	Result 964
	Accuracy 96.4%
	Limit 800 - 1200
Zinc (Zn) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.102
	Accuracy 98%
	Limit 0.0800 - 0.1200

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Additional information

Lab number: V-65754
Sample name: ST-25
Sampling location: ST-25

Sampling date: July 17, 2017
Sampling hour: 08:00

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-NH3-2.0	MA.300-N 2.0
M-CL-2.0	MA.300-Ions 1.3
M-CN-1.0	MA.300-CN 1.2
M-CI-1.0	MA.300-Anions 1.0
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-SULF-2.0	MA.300-Ions 1.3

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
This report shall not be reproduced except in full without the written authority of the laboratory.



Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-65755

Sampling location: ST-25

Sampling date: July 17, 2017

Sample name: ST-25 DUP

Sampling hour: 08:00

Sampled by: Patrick A

Date received: July 18, 2017

Matrix: Water

Drinking water distribution:

Reported on: August 01, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Lab number: V-65755

Sample name: ST-25 DUP

Sampling location: ST-25

Sampling date: July 17, 2017

Sampling hour: 08:00

Parameter	Result	Method name	Analysis date
Alkalinity	54 mg CaCO ₃ /L	M-TIT-1.0	July 18, 2017
Aluminium (Al)	0.125 mg/L	Sous-traitance\Multilab Direct	July 27, 2017
Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	July 27, 2017
Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 27, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	1.58 mg N/L	Sous-traitance\Multilab Direct	July 21, 2017
Barium (Ba)	0.0144 mg/L	Sous-traitance\Multilab Direct	July 27, 2017
Cadmium (Cd)	0.00002 mg/L	Sous-traitance\Multilab Direct	July 27, 2017
Chloride	9.3 mg/L	Sous-traitance\Multilab Direct	July 21, 2017
Chrome (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	July 27, 2017
Copper (Cu)	0.0021 mg/L	Sous-traitance\Multilab Direct	July 27, 2017
Total Cyanide (CNT)	0.004 mg/L	Sous-traitance\Multilab Direct	July 26, 2017
Hardness	77 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	July 27, 2017
Iron (Fe)	0.26 mg/L	Sous-traitance\Multilab Direct	July 27, 2017
Fluoride (F)	0.12 mg/L	Sous-traitance\Multilab Direct	July 20, 2017
Total Suspended Solids	7 mg/L	M-SOLI-1.0	July 19, 2017
Manganese (Mn)	0.0414 mg/L	Sous-traitance\Multilab Direct	July 27, 2017
Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	July 21, 2017
Molybdenum (Mo)	0.0106 mg/L	Sous-traitance\Multilab Direct	July 27, 2017
Ammonia NH ₃ (non-ionized)	0.02 mg N/L	Sous-traitance\Multilab Direct	July 21, 2017
Nickel (Ni)	0.0037 mg/L	Sous-traitance\Multilab Direct	July 27, 2017
Nitrate (NO ₃)	3.20 mg N/L	Sous-traitance\Multilab Direct	July 20, 2017
Nitrite (NO ₂)	0.08 mg N/L	Sous-traitance\Multilab Direct	July 20, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	July 27, 2017
Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 27, 2017
Dissolved Solids	156 mg/L	M-TIT-1.0	July 18, 2017
Sulfate (SO ₄)	39.9 mg SO ₄ /L	Sous-traitance\Multilab Direct	July 21, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	July 26, 2017
Zinc (Zn)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 27, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Detection limit

Lab number: V-65755

Sample name: ST-25 DUP

Sampling date: July 17, 2017

Sampling location: ST-25

Sampling hour: 08:00

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO ₃ /L	M-TIT-1.0	
Aluminium (Al)	0.006	mg/L	Sous-traitance	
Silver (Ag)	0.0001	mg/L	Sous-traitance	Yes
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Ammonia nitrogen (NH ₃ -NH ₄)	0.01	mg N/L	Sous-traitance	Yes
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Chloride	0.5	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO ₃ /L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes
Fluoride (F)	0.02	mg/L	Sous-traitance	Yes
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Ammonia NH ₃ (non-ionized)	0.01	mg N/L	Sous-traitance	-
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Nitrate (NO ₃)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO ₂)	0.01	mg N/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Dissolved Solids	1	mg/L	M-TIT-1.0	
Sulfate (SO ₄)	0.6	mg SO ₄ /L	Sous-traitance	Yes
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Quality control Report

Lab number: V-65755

Sample name: ST-25 DUP

Sampling location: ST-25

Sampling date: July 17, 2017

Sampling hour: 08:00

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 149 Accuracy 97.2% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006 Standard name C00-046-705_X_1000 Result 0.993 Accuracy 99.3% Limit 0.800 - 1.200
Silver (Ag) mg/L	Blank <0.0001 Standard name DMR-0343-2017-Ag Result 0.6700 Accuracy 83.5% Limit 0.642 - 0.962
Arsenic (As) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0945 Accuracy 94.5% Limit 0.0700 - 0.1300
Ammonia nitrogen (NH ₃ -NH ₄) m	Blank <0.01
Barium (Ba) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0857 Accuracy 85.7% Limit 0.0800 - 0.1200
Cadmium (Cd) mg/L	Blank <0.00002 Standard name C00-046-705_X_1000 Result 0.08470 Accuracy 84.7% Limit 0.0800 - 0.1200
Chloride mg/L	Blank <0.5 Standard name DMR-0343-2017-Cl Result 108 Accuracy 100% Limit 95 - 121
Chrome (Cr) mg/L	Blank <0.0006 Standard name C00-046-705_X_1000 Result 0.0875 Accuracy 87.5% Limit 0.0800 - 0.1200

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Quality control Report

Lab number: V-65755

Sample name: ST-25 DUP

Sampling location: ST-25

Sampling date: July 17, 2017

Sampling hour: 08:00

Parameter	
Copper (Cu) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0890 Accuracy 89% Limit 0.0800 - 0.1200
Total Cyanide (CNT) mg/L	Blank <0.001 Standard name DMR-0343-CN Result 1.18 Accuracy 100% Limit 1.003 - 1.357
Iron (Fe) mg/L	Blank <0.01 Standard name C00-046-705_X_1000 Result 1.08 Accuracy 92% Limit 0.800 - 1.200
Fluoride (F) mg/L	Blank <0.02 Standard name DMR-0343-2017-F Result 2.50 Accuracy 91.3% Limit 2.1 - 2.5
Total Suspended Solids mg/L	Blank <1 Standard name DMR-0368-2017-2 Result 135 Accuracy 98.5% Limit 103 - 163
Manganese (Mn) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0860 Accuracy 86% Limit 0.0800 - 0.1200
Mercury (Hg) mg/L	Blank <0.00001 Standard name DMR-0266-2017-HgEu Result 0.00042 Accuracy 60% Limit 0.00042 - 0.00098
Molybdenum (Mo) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0815 Accuracy 81.5% Limit 0.0800 - 0.1200

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Quality control Report

Lab number: V-65755

Sample name: ST-25 DUP

Sampling location: ST-25

Sampling date: July 17, 2017

Sampling hour: 08:00

Parameter	
Ammonia NH3 (non-ionized) mg	Blank <0.01
Nickel (Ni) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0884
	Accuracy 88.4%
	Limit 0.0800 - 0.1200
Nitrate (NO3) mg N/L	Blank <0.01
Nitrite (NO2) mg N/L	Blank <0.01
	Standard name DMR-0343-2017-NO2
	Result 2.61
	Accuracy 96.3%
	Limit 2.30 - 3.12
Lead (Pb) mg/L	Blank <0.0003
	Standard name C00-046-705_X_1000
	Result 0.0800
	Accuracy 80%
	Limit 0.0800 - 0.1200
Selenium (Se) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.095
	Accuracy 95%
	Limit 0.0800 - 0.1200
Sulfate (SO4) mg SO4/L	Blank <0.6
	Standard name DMR-0343-2017-SO4
	Result 123
	Accuracy 100%
	Limit 114 - 132
Thallium (Tl) mg/L	Blank <0.0008
	Standard name TI-S140909023-1000ppm
	Result 964
	Accuracy 96.4%
	Limit 800 - 1200
Zinc (Zn) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.102
	Accuracy 98%
	Limit 0.0800 - 0.1200

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Additional information

Lab number: V-65755
Sample name: ST-25 DUP
Sampling location: ST-25

Sampling date: July 17, 2017
Sampling hour: 08:00

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-NH3-2.0	MA.300-N 2.0
M-CL-2.0	MA.300-Ions 1.3
M-CN-1.0	MA.300-CN 1.2
M-CI-1.0	MA.300-Anions 1.0
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-SULF-2.0	MA.300-Ions 1.3

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-65756

Sampling location: ST-10 2 N 65 04.11,9 W 95 59.52,7

Sampling date: July 17, 2017

Sample name: ST-10/ST-MMER-2

Sampling hour: 08:00

Sampled by: Patrick A

Date received: July 18, 2017

Matrix: Water

Drinking water distribution: **Vault**

Reported on: August 09, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Lab number: V-65756

Sample name: ST-10/ST-MMER-2

Sampling date: July 17, 2017

Sampling location: ST-10 2 N 65 04.11,9 W 95 59.52,7

Sampling hour: 08:00

Parameter	Result	Method name	Analysis date
Alkalinity	9 mg CaCO ₃ /L	M-TIT-1.0	July 18, 2017
Aluminium (Al)	0.007 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Dissolved Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Antimony (Sb)	<0.0001 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Dissolved Antimony (Sb)	<0.0001 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Dissolved Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	0.03 mg N/L	Sous-traitance\Multilab Direct	July 21, 2017
Kjeldahl nitrogen	0.59 mg N/L	Sous-traitance\Multilab Direct	July 24, 2017
Barium (Ba)	0.0016 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Dissolved Barium (Ba)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Dissolved Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
bicarbonate (HCO ₃)	9 mg CaCO ₃ /L	M-TIT-1.0	July 18, 2017
Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Dissolved Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Dissolved Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Calcium (Ca)	0.05 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Carbonate (CO ₃)	<2 mg CaCO ₃ /L	M-TIT-1.0	July 18, 2017
Dissolved Organic Carbon (D.O.C.)	<0.2 mg/L	M-COT-1.0	July 18, 2017
Total Organic Carbon (T.O.C.)	<0.2 mg/L	M-COT-1.0	July 18, 2017
Chloride	<0.5 mg/L	Sous-traitance\Multilab Direct	July 21, 2017
Chrome (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Dissolved Chromium (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Copper (Cu)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Dissolved Copper (Cu)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Total Cyanide (CNT)	0.001 mg/L	Sous-traitance\Multilab Direct	July 26, 2017
Hardness	<1 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	July 23, 2017
Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
dissolved Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Iron (Fe)	<0.01 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Dissolved Iron (Fe)	<0.01 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Hydrocarbons (C10-C50)	<0.1 mg/L	M-HYD-2.0	July 27, 2017
Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	July 26, 2017
Dissolved Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	July 26, 2017
Total Suspended Solids	<1 mg/L	M-SOLI-1.0	July 19, 2017
Magnesium (Mg)	<0.02 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Manganese (Mn)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Dissolved Manganese (Mn)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 23, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

This report shall not be reproduced except in full without the written authority of the laboratory.



Analytical Report

Lab number: V-65756

Sample name: ST-10/ST-MMER-2

Sampling date: July 17, 2017

Sampling location: ST-10 2 N 65 04.11,9 W 95 59.52,7

Sampling hour: 08:00

Parameter	Result	Method name	Analysis date
Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	July 24, 2017
Dissolved Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	July 24, 2017
Molybdenum (Mo)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Dissolved Molybdenum (Mo)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Ammonia NH3 (non-ionized)	<0.01 mg N/L	Sous-traitance\Multilab Direct	July 21, 2017
Nickel (Ni)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Dissolved Nickel (Ni)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Nitrate (NO3)	<0.01 mg N/L	Sous-traitance\Multilab Direct	July 20, 2017
Nitrite (NO2)	<0.01 mg N/L	Sous-traitance\Multilab Direct	July 20, 2017
Ortho-Phosphate (O-PO4)	<0.01 mg P/L	Sous-traitance\Multilab Direct	July 20, 2017
Total Phosphorus (P)	0.01 mg P/L	Sous-traitance\Multilab Direct	July 21, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Dissolved Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Potassium (K)	<0.05 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Dissolved Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Sodium (Na)	<0.05 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Dissolved Solids	<1 mg/L	M-TIT-1.0	July 18, 2017
Strontium (Sr)	<0.005 mg/L	Sous-traitance\Multilab Direct	July 26, 2017
dissolved Strontium (Sr)	<0.005 mg/L	Sous-traitance\Multilab Direct	July 26, 2017
Sulfate (SO4)	<0.6 mg SO4/L	Sous-traitance\Multilab Direct	July 21, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	July 26, 2017
Dissolved thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	July 26, 2017
Titanium (Ti)	<0.01 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Dissolved titanium (Ti)	<0.01 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Uranium (U)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Dissolved Uranium (U)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Vanadium (V)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Dissolved Vanadium	0.0023 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Zinc (Zn)	0.001 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Dissolved Zinc	<0.001 mg/L	Sous-traitance\Multilab Direct	July 23, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Detection limit

Lab number: V-65756

Sample name: ST-10/ST-MMER-2

Sampling date: July 17, 2017

Sampling location: ST-10 2 N 65 04.11,9 W 95 59.52,7

Sampling hour: 08:00

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO ₃ /L	M-TIT-1.0	
Aluminium (Al)	0.006	mg/L	Sous-traitance	
Dissolved Aluminium (Al)	0.006	mg/L	Sous-traitance	
Antimony (Sb)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Antimony (Sb)	0.0001	mg/L	Sous-traitance	
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Arsenic (As)	0.0005	mg/L	Sous-traitance	
Ammonia nitrogen (NH ₃ -NH ₄)	0.01	mg N/L	Sous-traitance	Yes
Kjeldahl nitrogen	0.05	mg N/L	Sous-traitance	Yes
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Barium (Ba)	0.0005	mg/L	Sous-traitance	
Beryllium (Be)	0.0005	mg/L	Sous-traitance	
Dissolved Beryllium (Be)	0.0005	mg/L	Sous-traitance	
bicarbonate (HCO ₃)	2	mg CaCO ₃ /L	M-TIT-1.0	
Boron (B)	0.01	mg/L	Sous-traitance	Yes
Dissolved Boron (B)	0.01	mg/L	Sous-traitance	
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Dissolved Cadmium (Cd)	0.00002	mg/L	Sous-traitance	
Calcium (Ca)	0.03	mg/L	Sous-traitance	Yes
Carbonate (CO ₃)	2	mg CaCO ₃ /L	M-TIT-1.0	
Dissolved Organic Carbon (D.O.C.)	0.2	mg/L	M-COT-1.0	--
Total Organic Carbon (T.O.C.)	0.2	mg/L	M-COT-1.0	Yes
Chloride	0.5	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Dissolved Chromium (Cr)	0.0006	mg/L	Sous-traitance	
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Copper (Cu)	0.0005	mg/L	Sous-traitance	
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO ₃ /L	Sous-traitance	
Tin (Sn)	0.001	mg/L	Sous-traitance	Yes
dissolved Tin (Sn)	0.001	mg/L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes
Dissolved Iron (Fe)	0.01	mg/L	Sous-traitance	
Hydrocarbons (C10-C50)	0.1	mg/L	M-HYD-2.0	Yes
Lithium (Li)	0.005	mg/L	Sous-traitance	
Dissolved Lithium (Li)	0.005	mg/L	Sous-traitance	
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Magnesium (Mg)	0.02	mg/L	Sous-traitance	Yes
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Manganese (Mn)	0.0005	mg/L	Sous-traitance	

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

This report shall not be reproduced except in full without the written authority of the laboratory.



Detection limit

Lab number: V-65756

Sample name: ST-10/ST-MMER-2

Sampling date: July 17, 2017

Sampling location: ST-10 2 N 65 04.11,9 W 95 59.52,7

Sampling hour: 08:00

Parameter	Value	Unit	Method	Accreditation
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Dissolved Mercury (Hg)	0.00001	mg/L	Sous-traitance	
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	
Ammonia NH3 (non-ionized)	0.01	mg N/L	Sous-traitance	-
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Nickel (Ni)	0.0005	mg/L	Sous-traitance	
Nitrate (NO3)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO2)	0.01	mg N/L	Sous-traitance	Yes
Ortho-Phosphate (O-PO4)	0.01	mg P/L	Sous-traitance	Yes
Total Phosphorus (P)	0.01	mg P/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Dissolved Lead (Pb)	0.0003	mg/L	Sous-traitance	
Potassium (K)	0.05	mg/L	Sous-traitance	
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Dissolved Selenium (Se)	0.001	mg/L	Sous-traitance	
Sodium (Na)	0.05	mg/L	Sous-traitance	Yes
Dissolved Solids	1	mg/L	M-TIT-1.0	
Strontium (Sr)	0.005	mg/L	Sous-traitance	
dissolved Strontium (Sr)	0.005	mg/L	Sous-traitance	
Sulfate (SO4)	0.6	mg SO4/L	Sous-traitance	Yes
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Dissolved thallium (Tl)	0.0008	mg/L	Sous-traitance	
Titanium (Ti)	0.01	mg/L	Sous-traitance	
Dissolved titanium (Ti)	0.01	mg/L	Sous-traitance	
Uranium (U)	0.001	mg/L	Sous-traitance	
Dissolved Uranium (U)	0.001	mg/L	Sous-traitance	
Vanadium (V)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Vanadium	0.0005	mg/L	Sous-traitance	
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes
Dissolved Zinc	0.001	mg/L	Sous-traitance	

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Quality control Report

Lab number: V-65756

Sample name: ST-10/ST-MMER-2

Sampling date: July 17, 2017

Sampling location: ST-10 2 N 65 04.11,9 W 95 59.52,7

Sampling hour: 08:00

Parameter	
Alkalinity mg CaCO3/L	Standard name STD alcalinité Result 149 Accuracy 97.2% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006
	Standard name C00-046-705_X_1000 Result 1.01 Accuracy 99% Limit 0.800 - 1.200
Dissolved Aluminium (Al) mg/L	Blank <0.006
	Standard name C00-046-705_X_1000 Result 1.01 Accuracy 99% Limit 0.800 - 1.200
Antimony (Sb) mg/L	Blank <0.0001
	Standard name C00-046-705_X_1000 Result 0.0100 Accuracy 100% Limit 0.0080 - 0.0120
Dissolved Antimony (Sb) mg/L	Blank <0.0001
	Standard name C00-046-705_X_1000 Result 0.0100 Accuracy 100% Limit 0.0080 - 0.0120
Arsenic (As) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000 Result 0.0800 Accuracy 80% Limit 0.0700 - 0.1300
Dissolved Arsenic (As) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000 Result 0.0800 Accuracy 80% Limit 0.0800 - 0.1200
Ammonia nitrogen (NH3-NH4) mg N/L	Blank <0.01
Kjeldahl nitrogen mg N/L	Blank <0.05
	Standard name DMR-0343-2017-NTK Result 5.90 Accuracy 95.9% Limit 4.82 - 6.52

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Quality control Report

Lab number: V-65756

Sample name: ST-10/ST-MMER-2

Sampling date: July 17, 2017

Sampling location: ST-10 2 N 65 04.11,9 W 95 59.52,7

Sampling hour: 08:00

Parameter	
Barium (Ba) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0822 Accuracy 82.2% Limit 0.0800 - 0.1200
Dissolved Barium (Ba) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0822 Accuracy 82.2% Limit 0.0800 - 0.1200
Beryllium (Be) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0993 Accuracy 99.3% Limit 0.0800 - 0.1200
Dissolved Beryllium (Be) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0993 Accuracy 99.3% Limit 0.0800 - 0.1200
Boron (B) mg/L	Blank <0.01 Standard name C00-046-705_X_1000 Result 1.04 Accuracy 96% Limit 0.800 - 1.200
Dissolved Boron (B) mg/L	Blank <0.01 Standard name C00-046-705_X_1000 Result 1.04 Accuracy 96% Limit 0.800 - 1.200
Cadmium (Cd) mg/L	Blank <0.00002 Standard name C00-046-705_X_1000 Result 0.09638 Accuracy 96.4% Limit 0.0800 - 0.1200
Dissolved Cadmium (Cd) mg/L	Blank <0.00002 Standard name C00-046-705_X_1000 Result 0.09638 Accuracy 96.4% Limit 0.0800 - 0.1200

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Quality control Report

Lab number: V-65756

Sample name: ST-10/ST-MMER-2

Sampling date: July 17, 2017

Sampling location: ST-10 2 N 65 04.11,9 W 95 59.52,7

Sampling hour: 08:00

Parameter

Calcium (Ca) mg/L Blank <0.03
 Standard name C00-046-705_X_1000
 Result 0.90
 Accuracy 90%
 Limit 0.800 - 1.200

Dissolved Organic Carbon (D.O.C.) mg/L Blank 0.2
 Standard name COD 10mg/L
 Result 12
 Accuracy 80%
 Limit 8 - 12

Total Organic Carbon (T.O.C.) mg/L Blank 0.2
 Standard name COT 10mg/L
 Result 12
 Accuracy 80%
 Limit 8 - 12

Chloride mg/L Blank <0.5
 Standard name DMR-0343-2017-Cl
 Result 108
 Accuracy 100%
 Limit 95 - 121

Chrome (Cr) mg/L Blank <0.0006
 Standard name C00-046-705_X_1000
 Result 0.0978
 Accuracy 97.8%
 Limit 0.0800 - 0.1200

Dissolved Chromium (Cr) mg/L Blank <0.0006
 Standard name C00-046-705_X_1000
 Result 0.0978
 Accuracy 97.8%
 Limit 0.0800 - 0.1200

Copper (Cu) mg/L Blank <0.0005
 Standard name C00-046-705_X_1000
 Result 0.1069
 Accuracy 93.1%
 Limit 0.0800 - 0.1200

Dissolved Copper (Cu) mg/L Blank <0.0005
 Standard name C00-046-705_X_1000
 Result 0.1069
 Accuracy 93.1%
 Limit 0.0800 - 0.1200

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Quality control Report

Lab number: V-65756

Sample name: ST-10/ST-MMER-2

Sampling date: July 17, 2017

Sampling location: ST-10 2 N 65 04.11,9 W 95 59.52,7

Sampling hour: 08:00

Parameter	
Total Cyanide (CNT) mg/L	Blank <0.001 Standard name DMR-0343-CN Result 1.18 Accuracy 100% Limit 1.003 - 1.357
Tin (Sn) mg/L	Blank <0.001 Standard name DMR-0310-2016-Sn Result 8.13 Accuracy 89.6% Limit 7.26 - 10.88
dissolved Tin (Sn) mg/L	Blank <0.001 Standard name DMR-0310-2016-Sn Result 8.32 Accuracy 91.7% Limit 6.35 - 11.79
Iron (Fe) mg/L	Blank <0.01 Standard name C00-046-705_X_1000 Result 1.09 Accuracy 91% Limit 0.800 - 1.200
Dissolved Iron (Fe) mg/L	Blank <0.01 Standard name C00-046-705_X_1000 Result 1.09 Accuracy 91% Limit 0.800 - 1.200
Lithium (Li) mg/L	Blank <0.005 Standard name DMR-0219-2017-Eu Result 0.712 Accuracy 84.2% Limit 0.677 - 1.015
Dissolved Lithium (Li) mg/L	Blank <0.005 Standard name DMR-0219-2017-Eu Result 0.755 Accuracy 89.2% Limit 0.677 - 1.015
Total Suspended Solids mg/L	Blank <1 Standard name DMR-0368-2017-2 Result 135 Accuracy 98.5% Limit 103 - 163

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Quality control Report

Lab number: V-65756

Sample name: ST-10/ST-MMER-2

Sampling date: July 17, 2017

Sampling location: ST-10 2 N 65 04.11,9 W 95 59.52,7

Sampling hour: 08:00

Parameter	
Magnesium (Mg) mg/L	Blank <0.02 Standard name C00-046-705_X_1000 Result 1.10 Accuracy 90% Limit 0.800 - 1.200
Manganese (Mn) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1004 Accuracy 99.6% Limit 0.0800 - 0.1200
Dissolved Manganese (Mn) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1004 Accuracy 99.6% Limit 0.0800 - 0.1200
Mercury (Hg) mg/L	Blank <0.00001 Standard name DMR-0219-2017-HgEu Result 0.00049 Accuracy 70% Limit 0.00042 - 0.00098
Dissolved Mercury (Hg) mg/L	Blank <0.00001 Standard name DMR-0266-2017-HgEu Result 0.00054 Accuracy 77.1% Limit 0.00042 - 0.00098
Molybdenum (Mo) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0912 Accuracy 91.2% Limit 0.0800 - 0.1200
Dissolved Molybdenum (Mo) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0912 Accuracy 91.2% Limit 0.0800 - 0.1200
Ammonia NH ₃ (non-ionized) mg N/L	Blank <0.01
Nickel (Ni) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1006 Accuracy 99.4%

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Quality control Report

Lab number: V-65756

Sample name: ST-10/ST-MMER-2

Sampling date: July 17, 2017

Sampling location: ST-10 2 N 65 04.11,9 W 95 59.52,7

Sampling hour: 08:00

Parameter		
Dissolved Nickel (Ni) mg/L	Limit 0.0800 - 0.1200	
	Blank <0.0005	
	Standard name C00-046-705_X_1000	
	Result 0.1006	
	Accuracy 99.4%	
Nitrate (NO3) mg N/L	Limit 0.0800 - 0.1200	
	Blank <0.01	
	Standard name DMR-0343-2017-NO2	Result 2.61
		Accuracy 96.3%
	Nitrite (NO2) mg N/L	Limit 2.30 - 3.12
Blank <0.01		
Standard name DMR-0343-2017-OPO4		Result 3.21
		Accuracy 99.4%
Ortho-Phosphate (O-PO4) mg P/L		Limit 2.81 - 3.57
	Blank <0.01	
	Standard name DMR-0343-2017-Ptotal	Result 1.11
		Accuracy 97.4%
	Total Phosphorus (P) mg P/L	Limit 1.00 - 1.28
Blank <0.0003		
Standard name C00-046-705_X_1000		Result 0.0921
		Accuracy 92.1%
Dissolved Lead (Pb) mg/L		Limit 0.0800 - 0.1200
	Blank <0.0003	
	Standard name C00-046-705_X_1000	Result 0.0921
		Accuracy 92.1%
	Potassium (K) mg/L	Limit 0.800 - 1.200
Blank <0.05		
Standard name C00-046-705_X_1000		Result 0.93
		Accuracy 93%
Selenium (Se) mg/L		Limit 0.800 - 1.200
	Blank <0.001	
	Standard name C00-046-705_X_1000	Result 0.098

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Quality control Report

Lab number: V-65756

Sample name: ST-10/ST-MMER-2

Sampling date: July 17, 2017

Sampling location: ST-10 2 N 65 04.11,9 W 95 59.52,7

Sampling hour: 08:00

Parameter	
	Accuracy 98%
	Limit 0.0800 - 0.1200
Dissolved Selenium (Se) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.098
	Accuracy 98%
	Limit 0.0800 - 0.1200
Sodium (Na) mg/L	Blank <0.05
	Standard name C00-046-705_X_1000
	Result 1.05
	Accuracy 95%
	Limit 0.800 - 1.200
Strontium (Sr) mg/L	Blank <0.005
	Standard name DMR-0219-2017-Eu
	Result 1.36
	Accuracy 89.4%
	Limit 0.98 - 1.48
dissolved Strontium (Sr) mg/L	Blank <0.005
	Standard name DMR-0219-2017-Eu
	Result 1.45
	Accuracy 82.1%
	Limit 0.98 - 1.48
Sulfate (SO4) mg SO4/L	Blank <0.6
	Standard name DMR-0343-2017-SO4
	Result 123
	Accuracy 100%
	Limit 114 - 132
Thallium (Tl) mg/L	Blank <0.0008
	Standard name Tl-S140909023-1000ppm
	Result 955
	Accuracy 95.5%
	Limit 800 - 1200
Dissolved thallium (Tl) mg/L	Blank <0.0008
	Standard name Tl-S140909023-1000ppm
	Result 960
	Accuracy 96%
	Limit 800 - 1200
Titanium (Ti) mg/L	Blank <0.01
Dissolved titanium (Ti) mg/L	Blank <0.01
Uranium (U) mg/L	Blank <0.001

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Quality control Report

Lab number: V-65756

Sample name: ST-10/ST-MMER-2

Sampling date: July 17, 2017

Sampling location: ST-10 2 N 65 04.11,9 W 95 59.52,7

Sampling hour: 08:00

Parameter

Standard name C00-046-705_X_1000

Result 0.101

Accuracy 99%

Limit 0.0800 - 0.1200

Dissolved Uranium (U) mg/L

Blank <0.001

Standard name C00-046-705_X_1000

Result 0.101

Accuracy 99%

Limit 0.0800 - 0.1200

Vanadium (V) mg/L

Blank <0.0005

Standard name C00-046-705_X_1000

Result 0.0983

Accuracy 98.3%

Limit 0.0800 - 0.1200

Dissolved Vanadium mg/L

Blank <0.0005

Standard name C00-046-705_X_1000

Result 0.0983

Accuracy 98.3%

Limit 0.0800 - 0.1200

Zinc (Zn) mg/L

Blank <0.001

Standard name C00-046-705_X_1000

Result 0.099

Accuracy 99%

Limit 0.0800 - 0.1200

Dissolved Zinc mg/L

Blank <0.001

Standard name C00-046-705_X_1000

Result 0.099

Accuracy 99%

Limit 0.0800 - 0.1200

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Additional information

Lab number: V-65756

Sample name: ST-10/ST-MMER-2

Sampling location: ST-10 2 N 65 04.11,9 W 95 59.52,7

Sampling date: July 17, 2017

Sampling hour: 08:00

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-NH3-2.0	MA.300-N 2.0
M-CL-2.0	MA.300-Ions 1.3
M-CN-1.0	MA.300-CN 1.2
M-HYD-2.0	MA.400-HYD. 1.1
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-P-2.0	MA.303-P 1.1
M-P-3.0	MA. 315-P 2.0
M-SULF-2.0	MA.300-Ions 1.3

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-65757

Sampling location: ST-10

Sampling date: July 17, 2017

Sample name: ST-10/ST-MMER-2 N 65 04.11,9W 95 59.52,7

Sampling hour: 08:00

Sampled by: Patrick A

Date received: July 18, 2017

Matrix: Water

Drinking water distribution: **Vault**

Reported on: July 31, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Lab number: V-65757

Sample name: ST-10/ST-MMER-2 N 65 04.11,9W 95 59.52,7

Sampling date: July 17, 2017

Sampling location: ST-10

Sampling hour: 08:00

Parameter	Result	Method name	Analysis date
Alkalinity	53 mg CaCO ₃ /L	M-TIT-1.0	July 18, 2017
Aluminium (Al)	0.098 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Dissolved Aluminium (Al)	0.017 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Antimony (Sb)	0.0011 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Dissolved Antimony (Sb)	0.001 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Dissolved Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	0.83 mg N/L	Sous-traitance\Multilab Direct	July 21, 2017
Kjeldahl nitrogen	2.66 mg N/L	Sous-traitance\Multilab Direct	July 24, 2017
Barium (Ba)	0.0186 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Dissolved Barium (Ba)	0.0118 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Dissolved Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
bicarbonate (HCO ₃)	53 mg CaCO ₃ /L	M-TIT-1.0	July 18, 2017
Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Dissolved Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Cadmium (Cd)	0.00003 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Dissolved Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Calcium (Ca)	20.8 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Carbonate (CO ₃)	<2 mg CaCO ₃ /L	M-TIT-1.0	July 18, 2017
Dissolved Organic Carbon (D.O.C.)	5.3 mg/L	M-COT-1.0	July 18, 2017
Total Organic Carbon (T.O.C.)	5.8 mg/L	M-COT-1.0	July 18, 2017
Chloride	5.6 mg/L	Sous-traitance\Multilab Direct	July 21, 2017
Chrome (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Dissolved Chromium (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Copper (Cu)	0.0031 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Dissolved Copper (Cu)	0.0010 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Total Cyanide (CNT)	0.002 mg/L	Sous-traitance\Multilab Direct	July 26, 2017
Hardness	73 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	July 23, 2017
Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
dissolved Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Iron (Fe)	0.17 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Dissolved Iron (Fe)	0.02 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Hydrocarbons (C10-C50)	<0.3 mg/L	Sous-traitance\Environex	July 19, 2017
Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	July 26, 2017
Dissolved Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	July 26, 2017
Total Suspended Solids	4 mg/L	M-SOLI-1.0	July 19, 2017
Magnesium (Mg)	5.15 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Manganese (Mn)	0.0493 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Dissolved Manganese (Mn)	0.0327 mg/L	Sous-traitance\Multilab Direct	July 23, 2017

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Analytical Report

Lab number: V-65757

Sample name: ST-10/ST-MMER-2 N 65 04.11,9W 95 59.52,7

Sampling date: July 17, 2017

Sampling location: ST-10

Sampling hour: 08:00

Parameter	Result	Method name	Analysis date
Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	July 24, 2017
Dissolved Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	July 24, 2017
Molybdenum (Mo)	0.0094 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Dissolved Molybdenum (Mo)	0.008 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Ammonia NH3 (non-ionized)	0.01 mg N/L	Sous-traitance\Multilab Direct	July 21, 2017
Nickel (Ni)	0.0048 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Dissolved Nickel (Ni)	0.0036 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Nitrate (NO3)	2.55 mg N/L	Sous-traitance\Multilab Direct	July 20, 2017
Nitrite (NO2)	0.04 mg N/L	Sous-traitance\Multilab Direct	July 20, 2017
Ortho-Phosphate (O-PO4)	<0.01 mg P/L	Sous-traitance\Multilab Direct	July 20, 2017
Total Phosphorus (P)	0.02 mg P/L	Sous-traitance\Multilab Direct	July 21, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Dissolved Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Potassium (K)	2.84 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Dissolved Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Reactive silica (SiO2)	1.1 mg/L	Sous-traitance\Maxxam	July 24, 2017
Sodium (Na)	2.63 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Dissolved Solids	129 mg/L	M-TIT-1.0	July 18, 2017
Strontium (Sr)	0.132 mg/L	Sous-traitance\Multilab Direct	July 26, 2017
dissolved Strontium (Sr)	0.107 mg/L	Sous-traitance\Multilab Direct	July 26, 2017
Sulfate (SO4)	40.1 mg SO4/L	Sous-traitance\Multilab Direct	July 21, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	July 26, 2017
Dissolved thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	July 26, 2017
Titanium (Ti)	0.01 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Dissolved titanium (Ti)	0.01 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Uranium (U)	0.002 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Dissolved Uranium (U)	0.002 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Vanadium (V)	0.0030 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Dissolved Vanadium	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Zinc (Zn)	0.006 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Dissolved Zinc	<0.001 mg/L	Sous-traitance\Multilab Direct	July 23, 2017

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Detection limit

Lab number: V-65757

Sample name: ST-10/ST-MMER-2 N 65 04.11,9W 95 59.52,7

Sampling date: July 17, 2017

Sampling location: ST-10

Sampling hour: 08:00

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO ₃ /L	M-TIT-1.0	
Aluminium (Al)	0.006	mg/L	Sous-traitance	
Dissolved Aluminium (Al)	0.006	mg/L	Sous-traitance	
Antimony (Sb)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Antimony (Sb)	0.0001	mg/L	Sous-traitance	
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Arsenic (As)	0.0005	mg/L	Sous-traitance	
Ammonia nitrogen (NH ₃ -NH ₄)	0.01	mg N/L	Sous-traitance	Yes
Kjeldahl nitrogen	0.07	mg N/L	Sous-traitance	Yes
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Barium (Ba)	0.0005	mg/L	Sous-traitance	
Beryllium (Be)	0.0005	mg/L	Sous-traitance	
Dissolved Beryllium (Be)	0.0005	mg/L	Sous-traitance	
bicarbonate (HCO ₃)	2	mg CaCO ₃ /L	M-TIT-1.0	
Boron (B)	0.01	mg/L	Sous-traitance	Yes
Dissolved Boron (B)	0.01	mg/L	Sous-traitance	
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Dissolved Cadmium (Cd)	0.00002	mg/L	Sous-traitance	
Calcium (Ca)	0.03	mg/L	Sous-traitance	Yes
Carbonate (CO ₃)	2	mg CaCO ₃ /L	M-TIT-1.0	
Dissolved Organic Carbon (D.O.C.)	0.2	mg/L	M-COT-1.0	--
Total Organic Carbon (T.O.C.)	0.2	mg/L	M-COT-1.0	Yes
Chloride	0.5	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Dissolved Chromium (Cr)	0.0006	mg/L	Sous-traitance	
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Copper (Cu)	0.0005	mg/L	Sous-traitance	
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO ₃ /L	Sous-traitance	
Tin (Sn)	0.001	mg/L	Sous-traitance	Yes
dissolved Tin (Sn)	0.001	mg/L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes
Dissolved Iron (Fe)	0.01	mg/L	Sous-traitance	
Hydrocarbons (C10-C50)		mg/L	Sous-traitance	
Lithium (Li)	0.005	mg/L	Sous-traitance	
Dissolved Lithium (Li)	0.005	mg/L	Sous-traitance	
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Magnesium (Mg)	0.02	mg/L	Sous-traitance	Yes
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Manganese (Mn)	0.0005	mg/L	Sous-traitance	

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Detection limit

Lab number: V-65757

Sample name: ST-10/ST-MMER-2 N 65 04.11,9W 95 59.52,7

Sampling date: July 17, 2017

Sampling location: ST-10

Sampling hour: 08:00

Parameter	Value	Unit	Method	Accreditation
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Dissolved Mercury (Hg)	0.00001	mg/L	Sous-traitance	
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	
Ammonia NH3 (non-ionized)	0.01	mg N/L	Sous-traitance	-
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Nickel (Ni)	0.0005	mg/L	Sous-traitance	
Nitrate (NO3)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO2)	0.01	mg N/L	Sous-traitance	Yes
Ortho-Phosphate (O-PO4)	0.01	mg P/L	Sous-traitance	Yes
Total Phosphorus (P)	0.01	mg P/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Dissolved Lead (Pb)	0.0003	mg/L	Sous-traitance	
Potassium (K)	0.05	mg/L	Sous-traitance	
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Dissolved Selenium (Se)	0.001	mg/L	Sous-traitance	
Reactive silica (SiO2)		mg/L	Sous-traitance	
Sodium (Na)	0.05	mg/L	Sous-traitance	Yes
Dissolved Solids	1	mg/L	M-TIT-1.0	
Strontium (Sr)	0.005	mg/L	Sous-traitance	
dissolved Strontium (Sr)	0.005	mg/L	Sous-traitance	
Sulfate (SO4)	0.6	mg SO4/L	Sous-traitance	Yes
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Dissolved thallium (Tl)	0.0008	mg/L	Sous-traitance	
Titanium (Ti)	0.01	mg/L	Sous-traitance	
Dissolved titanium (Ti)	0.01	mg/L	Sous-traitance	
Uranium (U)	0.001	mg/L	Sous-traitance	
Dissolved Uranium (U)	0.001	mg/L	Sous-traitance	
Vanadium (V)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Vanadium	0.0005	mg/L	Sous-traitance	
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes
Dissolved Zinc	0.001	mg/L	Sous-traitance	

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Quality control Report

Lab number: V-65757

Sample name: ST-10/ST-MMER-2 N 65 04.11,9W 95 59.52,7

Sampling date: July 17, 2017

Sampling location: ST-10

Sampling hour: 08:00

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 149 Accuracy 97.2% Limit 123 - 167 Sample duplicate 53-53
Aluminium (Al) mg/L	Blank <0.006 Standard name C00-046-705_X_1000 Result 1.01 Accuracy 99% Limit 0.800 - 1.200
Dissolved Aluminium (Al) mg/L	Blank <0.006 Standard name C00-046-705_X_1000 Result 1.01 Accuracy 99% Limit 0.800 - 1.200
Antimony (Sb) mg/L	Blank <0.0001 Standard name C00-046-705_X_1000 Result 0.0100 Accuracy 100% Limit 0.0080 - 0.0120
Dissolved Antimony (Sb) mg/L	Blank <0.0001 Standard name C00-046-705_X_1000 Result 0.0100 Accuracy 100% Limit 0.0080 - 0.0120
Arsenic (As) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0800 Accuracy 80% Limit 0.0700 - 0.1300
Dissolved Arsenic (As) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0800 Accuracy 80% Limit 0.0800 - 0.1200
Ammonia nitrogen (NH ₃ -NH ₄) mg N/L	Blank <0.01
Kjeldahl nitrogen mg N/L	Blank <0.05 Standard name DMR-0343-2017-NTK Result 5.90 Accuracy 95.9%

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Quality control Report

Lab number: V-65757

Sample name: ST-10/ST-MMER-2 N 65 04.11,9W 95 59.52,7

Sampling date: July 17, 2017

Sampling location: ST-10

Sampling hour: 08:00

Parameter	
Barium (Ba) mg/L	Limit 4.82 - 6.52
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0822
	Accuracy 82.2%
Dissolved Barium (Ba) mg/L	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0822
	Accuracy 82.2%
Beryllium (Be) mg/L	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0993
	Accuracy 99.3%
Dissolved Beryllium (Be) mg/L	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0993
	Accuracy 99.3%
bicarbonate (HCO ₃) mg CaCO ₃ /L	Limit 0.0800 - 0.1200
	Sample duplicate 53-53
	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.04
Dissolved Boron (B) mg/L	Accuracy 96%
	Limit 0.800 - 1.200
	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.04
Cadmium (Cd) mg/L	Accuracy 96%
	Limit 0.800 - 1.200
	Blank <0.00002
	Standard name C00-046-705_X_1000
	Result 0.09638
Dissolved Cadmium (Cd) mg/L	Accuracy 96.4%
	Limit 0.0800 - 0.1200
	Blank <0.00002
	Standard name C00-046-705_X_1000
	Result 0.09638

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Quality control Report

Lab number: V-65757

Sample name: ST-10/ST-MMER-2 N 65 04.11,9W 95 59.52,7

Sampling date: July 17, 2017

Sampling location: ST-10

Sampling hour: 08:00

Parameter	
Calcium (Ca) mg/L	Accuracy 96.4%
	Limit 0.0800 - 0.1200
	Blank <0.03
	Standard name C00-046-705_X_1000
	Result 0.90
Carbonate (CO3) mg CaCO3/L	Accuracy 90%
	Limit 0.800 - 1.200
	Sample duplicate <2-<2
	Blank 0.2
	Standard name COD 10mg/L
Dissolved Organic Carbon (D.O.C.) mg/L	Result 12
	Accuracy 80%
	Limit 8 - 12
	Blank 0.2
	Standard name COT 10mg/L
Total Organic Carbon (T.O.C.) mg/L	Result 12
	Accuracy 80%
	Limit 8 - 12
	Blank <0.5
	Standard name DMR-0343-2017-CI
Chloride mg/L	Result 108
	Accuracy 100%
	Limit 95 - 121
	Blank <0.0006
	Standard name C00-046-705_X_1000
Chrome (Cr) mg/L	Result 0.0978
	Accuracy 97.8%
	Limit 0.0800 - 0.1200
	Blank <0.0006
	Standard name C00-046-705_X_1000
Dissolved Chromium (Cr) mg/L	Result 0.0978
	Accuracy 97.8%
	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name C00-046-705_X_1000
Copper (Cu) mg/L	Result 0.1069
	Accuracy 93.1%
	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name C00-046-705_X_1000
Dissolved Copper (Cu) mg/L	Result 0.1069
	Accuracy 93.1%
	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name C00-046-705_X_1000

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Quality control Report

Lab number: V-65757

Sample name: ST-10/ST-MMER-2 N 65 04.11,9W 95 59.52,7

Sampling date: July 17, 2017

Sampling location: ST-10

Sampling hour: 08:00

Parameter	
Total Cyanide (CNT) mg/L	Result 0.1069
	Accuracy 93.1%
	Limit 0.0800 - 0.1200
	Blank <0.001
	Standard name DMR-0343-CN
Tin (Sn) mg/L	Result 1.18
	Accuracy 100%
	Limit 1.003 - 1.357
	Blank <0.001
	Standard name DMR-0310-2016-Sn
dissolved Tin (Sn) mg/L	Result 8.13
	Accuracy 89.6%
	Limit 7.26 - 10.88
	Blank <0.001
	Standard name DMR-0310-2016-Sn
Iron (Fe) mg/L	Result 8.32
	Accuracy 91.7%
	Limit 6.35 - 11.79
	Blank <0.01
	Standard name C00-046-705_X_1000
Dissolved Iron (Fe) mg/L	Result 1.09
	Accuracy 91%
	Limit 0.800 - 1.200
	Blank <0.01
	Standard name C00-046-705_X_1000
Lithium (Li) mg/L	Result 1.09
	Accuracy 91%
	Limit 0.800 - 1.200
	Blank <0.005
	Standard name DMR-0219-2017-Eu
Dissolved Lithium (Li) mg/L	Result 0.712
	Accuracy 84.2%
	Limit 0.677 - 1.015
	Blank <0.005
	Standard name DMR-0219-2017-Eu
Total Suspended Solids mg/L	Result 0.755
	Accuracy 89.2%
	Limit 0.677 - 1.015
	Blank <1
	Standard name DMR-0368-2017-2

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Quality control Report

Lab number: V-65757

Sample name: ST-10/ST-MMER-2 N 65 04.11,9W 95 59.52,7

Sampling date: July 17, 2017

Sampling location: ST-10

Sampling hour: 08:00

Parameter	
	Result 135
	Accuracy 98.5%
	Limit 103 - 163
Magnesium (Mg) mg/L	Blank <0.02
	Standard name C00-046-705_X_1000
	Result 1.10
	Accuracy 90%
	Limit 0.800 - 1.200
Manganese (Mn) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1004
	Accuracy 99.6%
	Limit 0.0800 - 0.1200
Dissolved Manganese (Mn) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1004
	Accuracy 99.6%
	Limit 0.0800 - 0.1200
Mercury (Hg) mg/L	Blank <0.00001
	Standard name DMR-0219-2017-HgEu
	Result 0.00049
	Accuracy 70%
	Limit 0.00042 - 0.00098
Dissolved Mercury (Hg) mg/L	Blank <0.00001
	Standard name DMR-0266-2017-HgEu
	Result 0.00054
	Accuracy 77.1%
	Limit 0.00042 - 0.00098
Molybdenum (Mo) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0912
	Accuracy 91.2%
	Limit 0.0800 - 0.1200
Dissolved Molybdenum (Mo) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0912
	Accuracy 91.2%
	Limit 0.0800 - 0.1200
Ammonia NH3 (non-ionized) mg N/L	Blank <0.01
Nickel (Ni) mg/L	Blank <0.0005

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Quality control Report

Lab number: V-65757

Sample name: ST-10/ST-MMER-2 N 65 04.11,9W 95 59.52,7

Sampling date: July 17, 2017

Sampling location: ST-10

Sampling hour: 08:00

Parameter	
	Standard name C00-046-705_X_1000
	Result 0.1006
	Accuracy 99.4%
	Limit 0.0800 - 0.1200
Dissolved Nickel (Ni) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1006
	Accuracy 99.4%
	Limit 0.0800 - 0.1200
Nitrate (NO3) mg N/L	Blank <0.01
Nitrite (NO2) mg N/L	Blank <0.01
	Standard name DMR-0343-2017-NO2
	Result 2.61
	Accuracy 96.3%
	Limit 2.30 - 3.12
Ortho-Phosphate (O-PO4) mg P/L	Blank <0.01
	Standard name DMR-0343-2017-OPO4
	Result 3.21
	Accuracy 99.4%
	Limit 2.81 - 3.57
Total Phosphorus (P) mg P/L	Blank <0.01
	Standard name DMR-0343-2017-Ptotal
	Result 1.11
	Accuracy 97.4%
	Limit 1.00 - 1.28
Lead (Pb) mg/L	Blank <0.0003
	Standard name C00-046-705_X_1000
	Result 0.0921
	Accuracy 92.1%
	Limit 0.0800 - 0.1200
Dissolved Lead (Pb) mg/L	Blank <0.0003
	Standard name C00-046-705_X_1000
	Result 0.0921
	Accuracy 92.1%
	Limit 0.0800 - 0.1200
Potassium (K) mg/L	Blank <0.05
	Standard name C00-046-705_X_1000
	Result 0.93
	Accuracy 93%
	Limit 0.800 - 1.200

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Quality control Report

Lab number: V-65757

Sample name: ST-10/ST-MMER-2 N 65 04.11,9W 95 59.52,7

Sampling date: July 17, 2017

Sampling location: ST-10

Sampling hour: 08:00

Parameter	
Selenium (Se) mg/L	Blank <0.001 Standard name C00-046-705_X_1000 Result 0.098 Accuracy 98% Limit 0.0800 - 0.1200
Dissolved Selenium (Se) mg/L	Blank <0.001 Standard name C00-046-705_X_1000 Result 0.098 Accuracy 98% Limit 0.0800 - 0.1200
Sodium (Na) mg/L	Blank <0.05 Standard name C00-046-705_X_1000 Result 1.05 Accuracy 95% Limit 0.800 - 1.200
Dissolved Solids mg/L	Sample duplicate 129-130
Strontium (Sr) mg/L	Blank <0.005 Standard name DMR-0219-2017-Eu Result 1.36 Accuracy 89.4% Limit 0.98 - 1.48
dissolved Strontium (Sr) mg/L	Blank <0.005 Standard name DMR-0219-2017-Eu Result 1.45 Accuracy 82.1% Limit 0.98 - 1.48
Sulfate (SO4) mg SO4/L	Blank <0.6 Standard name DMR-0343-2017-SO4 Result 123 Accuracy 100% Limit 114 - 132
Thallium (Tl) mg/L	Blank <0.0008 Standard name Tl-S140909023-1000ppm Result 955 Accuracy 95.5% Limit 800 - 1200
Dissolved thallium (Tl) mg/L	Blank <0.0008 Standard name Tl-S140909023-1000ppm Result 960 Accuracy 96%

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Quality control Report

Lab number: V-65757

Sample name: ST-10/ST-MMER-2 N 65 04.11,9W 95 59.52,7

Sampling date: July 17, 2017

Sampling location: ST-10

Sampling hour: 08:00

Parameter	
	Limit 800 - 1200
Titanium (Ti) mg/L	Blank <0.01
Dissolved titanium (Ti) mg/L	Blank <0.01
Uranium (U) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.101
	Accuracy 99%
	Limit 0.0800 - 0.1200
Dissolved Uranium (U) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.101
	Accuracy 99%
	Limit 0.0800 - 0.1200
Vanadium (V) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0983
	Accuracy 98.3%
	Limit 0.0800 - 0.1200
Dissolved Vanadium mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0983
	Accuracy 98.3%
	Limit 0.0800 - 0.1200
Zinc (Zn) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.099
	Accuracy 99%
	Limit 0.0800 - 0.1200
Dissolved Zinc mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.099
	Accuracy 99%
	Limit 0.0800 - 0.1200

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Additional information

Lab number: V-65757

Sample name: ST-10/ST-MMER-2 N 65 04.11,9W 95 59.52,7

Sampling location: ST-10

Sampling date: July 17, 2017

Sampling hour: 08:00

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-NH3-2.0	MA.300-N 2.0
M-CL-2.0	MA.300-Ions 1.3
M-CN-1.0	MA.300-CN 1.2
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-P-2.0	MA.303-P 1.1
M-P-3.0	MA. 315-P 2.0
M-SULF-2.0	MA.300-Ions 1.3

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Client : 6088 H2LAB

Job Number: B746069

Client Project Name & Number: -

Test Result:

96 hrs LC50 %v/v (95% CL): >100 (N/A) Statistical Method: Visual

Toxic Units: <1.0

Comment: non-toxique

Sample Name : 66286 (ST-10/ST-MMER-2)

Description: transparent, peu de solides

Sample Matrix : WATER

Sample Collected: Aug 01, 2017 09:30 AM Sampling Method : Grab

Sample Number: EJ2124-01

Sample Collected By: TOM T Volume Received: 40 L

Site Collection: ST-10 65.01.11.2..N

Sample Received: Aug 03, 2017 11:30 AM pH: 7.0

Temp.Upon Arrival: 20 °C Storage: 2-6°C

Analysis Start : Aug 06, 2017 08:45 AM Temperature : 15 °C

Dissolved Oxygen: 9.3 mg/L

Sample Conductance: 220 µS/cm

Concentration	Temperature (°C)	pH (pH)	Conductivity (uS/cm)	Dissolved oxygen (mg/L)	Temperature (°C)	pH (pH)	Dissolved oxygen (mg/L)	Atypical Behaviour (#)	Atypical Behaviour (%)	Mortality (#)	Mortality (%)
%v/v	Initial	Initial	Initial	Initial	96 hrs	96 hr	96 hrs	24 hrs	24 hrs	24 hrs	24 hrs
0	16	7.3	238	9.6	15	7.5	9.7	0	0	0	0
6.25	16	7.3	236	9.6	16	7.5	9.6	0	0	0	0
12.5	16	7.3	236	9.6	16	7.5	9.5	0	0	0	0
25	16	7.3	234	9.6	15	7.4	9.7	0	0	0	0
50	16	7.3	229	9.6	15	7.4	9.6	0	0	0	0
100	15	7.2	220	9.5	15	7.4	9.7	0	0	0	0

Concentration	Atypical Behaviour (#)	Atypical Behaviour (%)	Mortality (#)	Mortality (%)	Atypical Behaviour (#)	Atypical Behaviour (%)	Mortality (#)	Mortality (%)	Atypical Behaviour (#)	Atypical Behaviour (%)	Mortality (#)	Mortality (%)
%v/v	48 hrs	48 hrs	48 hrs	48 hrs	72 hrs	72 hrs	72 hrs	72 hrs	96 hrs	96 hrs	96 hrs	96 hrs
0	0	0	0	0	0	0	0	0	0	0	0	0
6.25	0	0	0	0	0	0	0	0	0	0	0	0
12.5	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0
50	0	0	0	0	0	0	0	0	0	0	0	0
100	0	0	0	0	0	0	0	0	0	0	0	0

Comments : Aucune anomalie observée durant l'essai.

Culture/Control/Dilution Water

Dechlorinated municipal tap water

Hardness:

65 mg/l CaCO₃

Other parameters available on request.

Test Conditions

Test concentration : 0,6.25,12.5,25,50,100 (%v/v)

Organisms per Vessel : 10

Test Temperature : 15 ± 1 °C

Solution Depth : 20 cm

Total # of Organisms Used : 60

Pre-aeration Time : 30 min.

Rate of Aeration : 6.5±1 mL/min/L

Test Volume : 16 L

Vessel Volume : 20L

Test pH Adjusted: No

Loading Density : 0.4 g/L

Photoperiod : 16 hours of light; 8 hours of darkness

Type de réservoir d'essai:

20L glass aquarium with polyethylene bag.

The results contained in this report refer only to the testing of the sample submitted. This report may not be reproduced, except in its entirety, without the written approval of the laboratory.

Client : 6088 H2LAB
Client Project Name & Number: -

Job Number: B746069
Sample Number: EJ2124-01

Test Organism : Rainbow Trout (*Oncorhynchus mykiss*) **Source :** Piscicultures Les Arpents Verts
Culture Temperature : 15 ± 2 °C **Weight (Mean) +- SD :** 0.6 ± 0.1 g **Length (Mean) +- SD :** 3.98 ± 0.26 cm
Culture Water Renewal : 2 liters/min **Weight (Range) :** 0.4 ± 0.9 g **Length (Range) :** 3.70 – 4.50 cm
Culture Photoperiod : 16 hours of light; 8 hours of darkness **% Mortality within 7 days :** 0%
Feeding rate and frequency : 1-2x a day; 1-5% of the body weights. **Acclimation Time:** >14 days

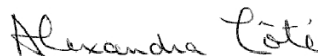
Reference chemical: Phenol **Test Date:** Aug 03, 2017
Test Endpoint 96 hrs LC50 (95% confidence interval) : 10.8 (9.48, 12.3)mg/L **Statistical Method :** Probit
Historical Mean LC50 (warning limits) : 10.6 (8.23, 13.5) mg/L **Concentration :** 0,4,6,9,13,18 mg/L

Test Method QUE SOP - 00408. Reference Method for Determining Acute Lethality of Effluents to Rainbow Trout. EPS1/RM/13 - Second Edition. Environment Canada. 2000. (Including Amendments: May 2007).

This is essentially a 96H static test. Ten individuals are submitted to different effluent concentrations in order to measure the LC50 in controlled temperature, light intensity and loading density.

Method Deviations : Aucune

Analyst : Keven Dumas



Verified By : Alexandra Côté, B.Sc. Biologist

Date: Aug 17, 2017 08:10 AM



Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-65803

Sampling location: ST-S-2

Sampling date: July 18, 2017

Sample name: ST-S-2

Sampling hour: 08:00

Sampled by: Patrick A

Date received: July 19, 2017

Matrix: Water

Drinking water distribution:

Reported on: August 01, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
This report shall not be reproduced except in full without the written authority of the laboratory.



Analytical Report

Lab number: V-65803

Sample name: ST-S-2

Sampling location: ST-S-2

Sampling date: July 18, 2017

Sampling hour: 08:00

Parameter	Result	Method name	Analysis date
Alkalinity	57 mg CaCO ₃ /L	M-TIT-1.0	July 19, 2017
Aluminium (Al)	0.211 mg/L	Sous-traitance\Multilab Direct	July 27, 2017
Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	July 27, 2017
Arsenic (As)	0.0402 mg/L	Sous-traitance\Multilab Direct	July 27, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	0.05 mg N/L	Sous-traitance\Multilab Direct	July 21, 2017
Barium (Ba)	0.0143 mg/L	Sous-traitance\Multilab Direct	July 27, 2017
Cadmium (Cd)	0.00004 mg/L	Sous-traitance\Multilab Direct	July 27, 2017
Chloride	5.1 mg/L	Sous-traitance\Multilab Direct	July 21, 2017
Chrome (Cr)	0.0013 mg/L	Sous-traitance\Multilab Direct	July 27, 2017
Copper (Cu)	0.0028 mg/L	Sous-traitance\Multilab Direct	July 27, 2017
Cyanide W.A.D.	0.021 mg/L	Sous-traitance\Multilab Direct	July 26, 2017
Total Cyanide (CNT)	0.011 mg/L	Sous-traitance\Multilab Direct	July 26, 2017
Hardness	190 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	July 27, 2017
Iron (Fe)	0.56 mg/L	Sous-traitance\Multilab Direct	July 27, 2017
Fluoride (F)	0.30 mg/L	Sous-traitance\Multilab Direct	July 20, 2017
Total Suspended Solids	16 mg/L	M-SOLI-1.0	July 20, 2017
Manganese (Mn)	0.1177 mg/L	Sous-traitance\Multilab Direct	July 27, 2017
Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	July 21, 2017
Molybdenum (Mo)	0.0135 mg/L	Sous-traitance\Multilab Direct	July 27, 2017
Ammonia NH ₃ (non-ionized)	<0.01 mg N/L	Sous-traitance\Multilab Direct	July 21, 2017
Nickel (Ni)	0.0262 mg/L	Sous-traitance\Multilab Direct	July 27, 2017
Nitrate (NO ₃)	15.0 mg N/L	Sous-traitance\Multilab Direct	July 20, 2017
Nitrite (NO ₂)	0.04 mg N/L	Sous-traitance\Multilab Direct	July 20, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	July 27, 2017
Selenium (Se)	0.001 mg/L	Sous-traitance\Multilab Direct	July 27, 2017
Dissolved Solids	341 mg/L	M-TIT-1.0	July 19, 2017
Sulfate (SO ₄)	118 mg SO ₄ /L	Sous-traitance\Multilab Direct	July 21, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	July 26, 2017
Zinc (Zn)	0.002 mg/L	Sous-traitance\Multilab Direct	July 27, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Detection limit

Lab number: V-65803

Sample name: ST-S-2

Sampling location: ST-S-2

Sampling date: July 18, 2017

Sampling hour: 08:00

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO ₃ /L	M-TIT-1.0	
Aluminium (Al)	0.006	mg/L	Sous-traitance	
Silver (Ag)	0.0001	mg/L	Sous-traitance	Yes
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Ammonia nitrogen (NH ₃ -NH ₄)	0.01	mg N/L	Sous-traitance	Yes
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Chloride	0.5	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Cyanide W.A.D.	0.001	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO ₃ /L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes
Fluoride (F)	0.02	mg/L	Sous-traitance	Yes
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Ammonia NH ₃ (non-ionized)	0.01	mg N/L	Sous-traitance	-
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Nitrate (NO ₃)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO ₂)	0.01	mg N/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Dissolved Solids	1	mg/L	M-TIT-1.0	
Sulfate (SO ₄)	0.6	mg SO ₄ /L	Sous-traitance	Yes
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes

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Quality control Report

Lab number: V-65803

Sample name: ST-S-2

Sampling location: ST-S-2

Sampling date: July 18, 2017

Sampling hour: 08:00

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 149 Accuracy 97.2% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006 Standard name C00-046-705_X_1000 Result 0.993 Accuracy 99.3% Limit 0.800 - 1.200
Silver (Ag) mg/L	Blank <0.0001 Standard name DMR-0343-2017-Ag Result 0.6700 Accuracy 83.5% Limit 0.642 - 0.962
Arsenic (As) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0945 Accuracy 94.5% Limit 0.0700 - 0.1300
Ammonia nitrogen (NH ₃ -NH ₄) m	Blank <0.01
Barium (Ba) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0857 Accuracy 85.7% Limit 0.0800 - 0.1200
Cadmium (Cd) mg/L	Blank <0.00002 Standard name C00-046-705_X_1000 Result 0.08470 Accuracy 84.7% Limit 0.0800 - 0.1200
Chloride mg/L	Blank <0.5 Standard name DMR-0343-2017-Cl Result 108 Accuracy 100% Limit 95 - 121
Chrome (Cr) mg/L	Blank <0.0006 Standard name C00-046-705_X_1000 Result 0.0875 Accuracy 87.5% Limit 0.0800 - 0.1200

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Quality control Report

Lab number: V-65803

Sample name: ST-S-2

Sampling location: ST-S-2

Sampling date: July 18, 2017

Sampling hour: 08:00

Parameter	
Copper (Cu) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0890 Accuracy 89% Limit 0.0800 - 0.1200
Cyanide W.A.D. mg/L	Blank <0.001 Standard name DMR-0343-CN Result 0.887 Accuracy 99.5% Limit 0.751 - 1.015
Total Cyanide (CNT) mg/L	Blank <0.001 Standard name DMR-0343-CN Result 1.18 Accuracy 100% Limit 1.003 - 1.357
Iron (Fe) mg/L	Blank <0.01 Standard name C00-046-705_X_1000 Result 1.08 Accuracy 92% Limit 0.800 - 1.200
Fluoride (F) mg/L	Blank <0.02 Standard name DMR-0343-2017-F Result 2.50 Accuracy 91.3% Limit 2.1 - 2.5 Sample duplicate 0.30-0.29
Total Suspended Solids mg/L	Blank <1 Standard name STD-MES 25mg/L Result 23 Accuracy 92% Limit 19 - 31
Manganese (Mn) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0860 Accuracy 86% Limit 0.0800 - 0.1200
Mercury (Hg) mg/L	Blank <0.00001 Standard name DMR-0266-2017-HgEu Result 0.00042 Accuracy 60%

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Quality control Report

Lab number: V-65803

Sample name: ST-S-2

Sampling location: ST-S-2

Sampling date: July 18, 2017

Sampling hour: 08:00

Parameter		
Molybdenum (Mo) mg/L	Limit 0.00042 - 0.00098	
	Blank <0.0005	
	Standard name C00-046-705_X_1000	
	Result 0.0815	
	Accuracy 81.5%	
Ammonia NH3 (non-ionized) mg	Limit 0.0800 - 0.1200	
	Blank <0.01	
	Nickel (Ni) mg/L	Blank <0.0005
		Standard name C00-046-705_X_1000
		Result 0.0884
Accuracy 88.4%		
Nitrate (NO3) mg N/L	Limit 0.0800 - 0.1200	
	Blank <0.01	
	Nitrite (NO2) mg N/L	Blank <0.01
		Standard name DMR-0343-2017-NO2
		Result 2.61
Accuracy 96.3%		
Lead (Pb) mg/L	Limit 2.30 - 3.12	
	Blank <0.0003	
	Selenium (Se) mg/L	Standard name C00-046-705_X_1000
		Result 0.0800
		Accuracy 80%
Sulfate (SO4) mg SO4/L	Limit 0.0800 - 0.1200	
	Blank <0.001	
	Thallium (Tl) mg/L	Standard name C00-046-705_X_1000
		Result 0.095
		Accuracy 95%
Zinc (Zn) mg/L	Limit 0.0800 - 0.1200	
	Blank <0.6	
	Zinc (Zn) mg/L	Standard name DMR-0343-2017-SO4
		Result 123
		Accuracy 100%
Zinc (Zn) mg/L	Limit 114 - 132	
	Sample duplicate 118-121	
	Zinc (Zn) mg/L	Blank <0.0008
		Standard name TI-S140909023-1000ppm
		Result 964
Accuracy 96.4%		
Zinc (Zn) mg/L	Limit 800 - 1200	
	Blank <0.001	

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Additional information

Lab number: V-65803
Sample name: ST-S-2
Sampling location: ST-S-2

Sampling date: July 18, 2017
Sampling hour: 08:00

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-NH3-2.0	MA.300-N 2.0
M-CL-2.0	MA.300-Ions 1.3
M-CN-1.0	MA.300-CN 1.2
M-CI-1.0	MA.300-Anions 1.0
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-SULF-2.0	MA.300-Ions 1.3

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-65924

Sampling location: meadow

Sampling date: July 19, 2017

Sample name: ST-S-5 DUP

Sampling hour: 16:00

Sampled by: Martin T

Date received: July 21, 2017

Matrix: Water

Drinking water distribution:

Reported on: August 21, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Lab number: V-65924

Sample name: ST-S-5 DUP

Sampling location: meadow

Sampling date: July 19, 2017

Sampling hour: 16:00

Parameter	Result	Method name	Analysis date
Alkalinity	122 mg CaCO ₃ /L	M-TIT-1.0	July 21, 2017
Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Antimony (Sb)	0.0002 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Antimony (Sb)	<0.0001 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Arsenic (As)	0.0285 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Arsenic (As)	0.0131 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	29.4 mg N/L	Sous-traitance\Multilab Direct	July 24, 2017
Kjeldahl nitrogen	141 mg N/L	Sous-traitance\Multilab Direct	July 27, 2017
Barium (Ba)	0.0237 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Barium (Ba)	0.0195 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
bicarbonate (HCO ₃)	122 mg CaCO ₃ /L	M-TIT-1.0	July 21, 2017
Boron (B)	0.07 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Boron (B)	0.03 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Cadmium (Cd)	0.00089 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Cadmium (Cd)	0.00075 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Calcium (Ca)	311 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Calcium (Ca)	294 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Carbonate (CO ₃)	<2 mg CaCO ₃ /L	M-TIT-1.0	July 21, 2017
Dissolved Organic Carbon (D.O.C.)	47.9 mg/L	M-COT-1.0	July 21, 2017
Total Organic Carbon (T.O.C.)	48.6 mg/L	M-COT-1.0	July 21, 2017
Chloride	82.1 mg/L	Sous-traitance\Multilab Direct	July 24, 2017
Chrome (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Chromium (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Copper (Cu)	0.0072 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Copper (Cu)	0.0063 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Cyanide W.A.D.	0.095 mg/L	Sous-traitance\Multilab Direct	July 27, 2017
Total Cyanide (CNT)	0.316 mg/L	Sous-traitance\Multilab Direct	July 27, 2017
Hardness	995 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	July 31, 2017
Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
dissolved Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Iron (Fe)	1.23 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Iron (Fe)	0.20 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Fluoride (F)	0.48 mg/L	Sous-traitance\Multilab Direct	July 25, 2017
Total Suspended Solids	14 mg/L	M-SOLI-1.0	July 24, 2017
Magnesium (Mg)	53.2 mg/L	Sous-traitance\Multilab Direct	July 31, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

This report shall not be reproduced except in full without the written authority of the laboratory.



Analytical Report

Lab number: V-65924

Sample name: ST-S-5 DUP

Sampling location: meadow

Sampling date: July 19, 2017

Sampling hour: 16:00

Parameter	Result	Method name	Analysis date
Dissolved Magnesium (Mg)	48.3 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Manganese (Mn)	1.840 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Manganese (Mn)	1.784 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Molybdenum (Mo)	0.3069 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Molybdenum (Mo)	0.2731 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Ammonia NH3 (non-ionized)	0.44 mg N/L	Sous-traitance\Multilab Direct	July 24, 2017
NH4	28.9 mg N/L	Sous-traitance\Multilab Direct	July 24, 2017
Nickel (Ni)	0.0178 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Nickel (Ni)	0.0168 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Nitrate (NO3)	0.13 mg N/L	Sous-traitance\Multilab Direct	July 24, 2017
Nitrite (NO2)	0.02 mg N/L	Sous-traitance\Multilab Direct	July 24, 2017
Ortho-Phosphate (O-PO4)	0.02 mg P/L	Sous-traitance\Multilab Direct	July 25, 2017
Total Phosphorus (P)	0.03 mg P/L	Sous-traitance\Multilab Direct	July 24, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Potassium (K)	66.4 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Potassium (K)	63.6 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Salinity	2 ppm	M-TIT-1.0	July 21, 2017
Selenium (Se)	0.009 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Selenium (Se)	0.010 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Reactive silica (SiO2)	6.8 mg/L	Sous-traitance\Maxxam	July 26, 2017
Sodium (Na)	440 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Sodium (Na)	410 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Solids	2670 mg/L	M-TIT-1.0	July 21, 2017
Sulfate (SO4)	1582 mg SO4/L	Sous-traitance\Multilab Direct	July 24, 2017
Titanium (Ti)	0.40 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved titanium (Ti)	0.37 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Uranium (U)	0.027 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Uranium (U)	0.025 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Vanadium (V)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Vanadium	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Zinc (Zn)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Zinc	0.001 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Bromides	2.98 mg/L	Sous-traitance\Environex	August 11, 2017
Lithium (Li)	0.006 mg/L	Sous-traitance\Environex	August 11, 2017
Dissolved Lithium (Li)	0.006 mg/L	Sous-traitance\Environex	August 11, 2017
Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Environex	August 16, 2017
Dissolved Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Environex	August 17, 2017
Strontium (Sr)	1.34 mg/L	Sous-traitance\Environex	August 11, 2017
dissolved Strontium (Sr)	1.30 mg/L	Sous-traitance\Environex	August 11, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Analytical Report

Lab number: V-65924

Sample name: ST-S-5 DUP

Sampling date: July 19, 2017

Sampling location: meadow

Sampling hour: 16:00

Parameter	Result	Method name	Analysis date
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Environex	August 11, 2017
Dissolved thallium (Tl)	<0.0008 mg/L	Sous-traitance\Environex	August 11, 2017

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Detection limit

Lab number: V-65924

Sample name: ST-S-5 DUP

Sampling date: July 19, 2017

Sampling location: meadow

Sampling hour: 16:00

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO ₃ /L	M-TIT-1.0	
Aluminium (Al)	0.006	mg/L	Sous-traitance	
Dissolved Aluminium (Al)	0.006	mg/L	Sous-traitance	
Antimony (Sb)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Antimony (Sb)	0.0001	mg/L	Sous-traitance	
Silver (Ag)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Silver (Ag)	0.0001	mg/L	Sous-traitance	
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Arsenic (As)	0.0005	mg/L	Sous-traitance	
Ammonia nitrogen (NH ₃ -NH ₄)	0.01	mg N/L	Sous-traitance	Yes
Kjeldahl nitrogen	0.05	mg N/L	Sous-traitance	Yes
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Barium (Ba)	0.0005	mg/L	Sous-traitance	
Beryllium (Be)	0.0005	mg/L	Sous-traitance	
Dissolved Beryllium (Be)	0.0005	mg/L	Sous-traitance	
bicarbonate (HCO ₃)	2	mg CaCO ₃ /L	M-TIT-1.0	
Boron (B)	0.01	mg/L	Sous-traitance	Yes
Dissolved Boron (B)	0.01	mg/L	Sous-traitance	
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Dissolved Cadmium (Cd)	0.00002	mg/L	Sous-traitance	
Calcium (Ca)	0.03	mg/L	Sous-traitance	Yes
Dissolved Calcium (Ca)	0.03	mg/L	Sous-traitance	
Carbonate (CO ₃)	2	mg CaCO ₃ /L	M-TIT-1.0	
Dissolved Organic Carbon (D.O.C.)	0.2	mg/L	M-COT-1.0	--
Total Organic Carbon (T.O.C.)	0.2	mg/L	M-COT-1.0	Yes
Chloride	0.5	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Dissolved Chromium (Cr)	0.0006	mg/L	Sous-traitance	
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Copper (Cu)	0.0005	mg/L	Sous-traitance	
Cyanide W.A.D.	0.001	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO ₃ /L	Sous-traitance	
Tin (Sn)	0.001	mg/L	Sous-traitance	Yes
dissolved Tin (Sn)	0.001	mg/L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes
Dissolved Iron (Fe)	0.01	mg/L	Sous-traitance	
Fluoride (F)	0.02	mg/L	Sous-traitance	Yes
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Magnesium (Mg)	0.02	mg/L	Sous-traitance	Yes

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Detection limit

Lab number: V-65924

Sample name: ST-S-5 DUP

Sampling date: July 19, 2017

Sampling location: meadow

Sampling hour: 16:00

Parameter	Value	Unit	Method	Accreditation
Dissolved Magnesium (Mg)	0.02	mg/L	Sous-traitance	
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Manganese (Mn)	0.0005	mg/L	Sous-traitance	
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	
Ammonia NH3 (non-ionized)	0.01	mg N/L	Sous-traitance	-
NH4	0.01	mg N/L	Sous-traitance	-
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Nickel (Ni)	0.0005	mg/L	Sous-traitance	
Nitrate (NO3)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO2)	0.01	mg N/L	Sous-traitance	Yes
Ortho-Phosphate (O-PO4)	0.01	mg P/L	Sous-traitance	Yes
Total Phosphorus (P)	0.01	mg P/L	Sous-traitance	Yes
Lead (Pb)	0.00001	mg/L	Sous-traitance	Yes
Dissolved Lead (Pb)	0.0003	mg/L	Sous-traitance	
Potassium (K)	0.05	mg/L	Sous-traitance	
Dissolved Potassium (K)	0.05	mg/L	Sous-traitance	
Salinity	1	ppm	M-TIT-1.0	-
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Dissolved Selenium (Se)	0.001	mg/L	Sous-traitance	
Reactive silica (SiO2)		mg/L	Sous-traitance	
Sodium (Na)	0.05	mg/L	Sous-traitance	Yes
Dissolved Sodium (Na)	0.05	mg/L	Sous-traitance	
Dissolved Solids	1	mg/L	M-TIT-1.0	
Sulfate (SO4)	0.6	mg SO4/L	Sous-traitance	Yes
Titanium (Ti)	0.01	mg/L	Sous-traitance	
Dissolved titanium (Ti)	0.01	mg/L	Sous-traitance	
Uranium (U)	0.001	mg/L	Sous-traitance	
Dissolved Uranium (U)	0.001	mg/L	Sous-traitance	
Vanadium (V)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Vanadium	0.0005	mg/L	Sous-traitance	
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes
Dissolved Zinc	0.001	mg/L	Sous-traitance	
Bromides	0.1	mg/L	Sous-traitance	
Lithium (Li)	0.1	mg/L	Sous-traitance	
Dissolved Lithium (Li)		mg/L	Sous-traitance	
Mercury (Hg)	0.00001	mg/L	Sous-traitance	
Dissolved Mercury (Hg)	0.0001	mg/L	Sous-traitance	
Strontium (Sr)	0.02	mg/L	Sous-traitance	
dissolved Strontium (Sr)		mg/L	Sous-traitance	

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Detection limit

Lab number: V-65924

Sample name: ST-S-5 DUP

Sampling date: July 19, 2017

Sampling location: meadow

Sampling hour: 16:00

Parameter	Value	Unit	Method	Accreditation
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Dissolved thallium (Tl)		mg/L	Sous-traitance	

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Quality control Report

Lab number: V-65924

Sample name: ST-S-5 DUP

Sampling location: meadow

Sampling date: July 19, 2017

Sampling hour: 16:00

Parameter	
Alkalinity mg CaCO3/L	Standard name STD alcalinité Result 149 Accuracy 97.2% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006
	Standard name C00-046-705_X_1000 Result 1.20 Accuracy 80% Limit 0.800 - 1.200
Dissolved Aluminium (Al) mg/L	Blank <0.006
	Standard name DMR-0219-2017-Eu Result 7.32 Accuracy 83.3% Limit 5.02 - 7.52
Antimony (Sb) mg/L	Blank <0.0001
	Standard name C00-046-705_X_1000 Result 0.0106 Accuracy 94% Limit 0.0080 - 0.0120
Dissolved Antimony (Sb) mg/L	Blank <0.0001
	Standard name DMR-0219-2017-Eu Result 0.1843 Accuracy 83% Limit 0.178 - 0.266
Silver (Ag) mg/L	Blank <0.0001
Dissolved Silver (Ag) mg/L	Blank <0.0001
Arsenic (As) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000 Result 0.0958 Accuracy 95.8% Limit 0.0700 - 0.1300
Dissolved Arsenic (As) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu Result 0.3287 Accuracy 84.3% Limit 0.199 - 0.369
Ammonia nitrogen (NH3-NH4) m	Blank <0.01
	Standard name DMR-0266-2017-NH3-NH4 Result 2.37 Accuracy 88.7%

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Quality control Report

Lab number: V-65924

Sample name: ST-S-5 DUP

Sampling location: meadow

Sampling date: July 19, 2017

Sampling hour: 16:00

Parameter	
Kjeldahl nitrogen mg N/L	Limit 1.81 - 2.45
	Blank <0.05
	Standard name DMR-0343-2017-NTK
	Result 5.93
	Accuracy 95.4%
Barium (Ba) mg/L	Limit 4.82 - 6.52
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1083
	Accuracy 91.7%
Dissolved Barium (Ba) mg/L	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 2.612
	Accuracy 92.5%
Beryllium (Be) mg/L	Limit 1.94 - 2.92
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1200
	Accuracy 80%
Dissolved Beryllium (Be) mg/L	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.967
	Accuracy 84.3%
Boron (B) mg/L	Limit 1.36 - 2.04
	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.20
	Accuracy 80%
Dissolved Boron (B) mg/L	Limit 0.800 - 1.200
	Blank <0.01
	Standard name DMR-0219-2017-Eu
	Result 3.36
	Accuracy 83.3%
Bromides mg/L	Limit 2.30 - 3.46
	Blank <0.01
	Standard name DMR-0123-2016-Br
	Result 5.40
	Accuracy 95.9%

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Quality control Report

Lab number: V-65924

Sample name: ST-S-5 DUP

Sampling location: meadow

Sampling date: July 19, 2017

Sampling hour: 16:00

Parameter	
Cadmium (Cd) mg/L	Limit 4.50 - 6.76
	Blank <0.00002
	Standard name C00-046-705_X_1000
	Result 0.10995
	Accuracy 90%
Dissolved Cadmium (Cd) mg/L	Limit 0.0800 - 0.1200
	Blank <0.00002
	Standard name DMR-0219-2017-Eu
	Result 0.99418
	Accuracy 89.7%
Calcium (Ca) mg/L	Limit 0.721 - 1.081
	Blank <0.03
	Standard name C00-046-705_X_1000
	Result 1.02
	Accuracy 98%
Dissolved Calcium (Ca) mg/L	Limit 0.800 - 1.200
	Blank <0.03
	Standard name DMR-0219-2017-Eu
	Result 20.5
	Accuracy 98.5%
Dissolved Organic Carbon (D.O.C.) mg/L	Limit 16.2 - 24.2
	Blank <0.2
	Standard name COD 10mg/L
	Result 11
	Accuracy 90%
Total Organic Carbon (T.O.C.) mg/L	Limit 8 - 12
	Blank <0.2
	Standard name COT 10mg/L
	Result 11
	Accuracy 90%
Chloride mg/L	Limit 8 - 12
	Blank <0.5
	Standard name DMR-0343-2017-CI
	Result 111
	Accuracy 97.2%
Chrome (Cr) mg/L	Limit 95 - 121
	Blank <0.0006
	Standard name C00-046-705_X_1000
	Result 0.1021
	Accuracy 97.9%

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Quality control Report

Lab number: V-65924

Sample name: ST-S-5 DUP

Sampling location: meadow

Sampling date: July 19, 2017

Sampling hour: 16:00

Parameter	
Dissolved Chromium (Cr) mg/L	Limit 0.0800 - 0.1200
	Blank <0.0006
	Standard name DMR-0219-2017-Eu
	Result 4.455
	Accuracy 90%
Copper (Cu) mg/L	Limit 3.24 - 4.86
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1054
	Accuracy 94.6%
Dissolved Copper (Cu) mg/L	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.459
	Accuracy 86%
Cyanide W.A.D. mg/L	Limit 1.02 - 1.54
	Blank <0.001
	Standard name DMR-0343-CN
	Result 0.942
	Accuracy 93.3%
Total Cyanide (CNT) mg/L	Limit 0.751 - 1.015
	Sample duplicate 0.095-0.092
	Blank <0.001
	Standard name DMR-0343-CN
	Result 1.22
Tin (Sn) mg/L	Accuracy 96.6%
	Limit 1.003 - 1.357
	Sample duplicate 0.316-0.325
	Blank <0.001
	Standard name C00-046-705_X_1000
dissolved Tin (Sn) mg/L	Result 0.096
	Accuracy 96%
	Limit 0.0800 - 0.1200
	Blank <0.001
	Blank <0.01
Iron (Fe) mg/L	Standard name C00-046-705_X_1000
	Result 1.17
	Accuracy 83%
	Limit 0.800 - 1.200
	Blank <0.01
Dissolved Iron (Fe) mg/L	Blank <0.01

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Quality control Report

Lab number: V-65924

Sample name: ST-S-5 DUP

Sampling date: July 19, 2017

Sampling location: meadow

Sampling hour: 16:00

Parameter	
	Standard name DMR-0219-2017-Eu
	Result 9.10
	Accuracy 79.8%
	Limit 9.1 - 13.7
Fluoride (F) mg/L	Blank <0.02
	Standard name DMR-0343-2017-F
	Result 2.35
	Accuracy 97.8%
	Limit 2.1 - 2.5
Lithium (Li) mg/L	Blank <0.005
	Standard name DMR-0219-2017-Eu
	Result 0.780
	Accuracy 92.2%
	Limit 0.677 - 1.015
Dissolved Lithium (Li) mg/L	Blank <0.005
	Standard name DMR-0219-2017-Eu
	Result 0.848
	Accuracy 99.8%
	Limit 0.677 - 1.015
Total Suspended Solids mg/L	Blank <1
	Standard name STD-MES 25mg/L
	Result 26
	Accuracy 96%
	Limit 19 - 31
Magnesium (Mg) mg/L	Blank <0.02
	Standard name C00-046-705_X_1000
	Result 1.20
	Accuracy 80%
	Limit 0.800 - 1.200
Dissolved Magnesium (Mg) mg/L	Blank <0.02
	Standard name DMR-0219-2017-Eu
	Result 9.04
	Accuracy 85.7%
	Limit 6.33 - 9.49
Manganese (Mn) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1063
	Accuracy 93.7%
	Limit 0.0800 - 0.1200
Dissolved Manganese (Mn) mg/L	Blank <0.0005

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Quality control Report

Lab number: V-65924

Sample name: ST-S-5 DUP

Sampling location: meadow

Sampling date: July 19, 2017

Sampling hour: 16:00

Parameter	
	Standard name DMR-0219-2017-Eu
	Result 4.138
	Accuracy 93.9%
	Limit 3.12 - 4.68
Mercury (Hg) mg/L	Blank <0.00001
	Standard name DMR-0343-2017-HgEu
	Result 0.00055
	Accuracy 78.6%
	Limit 0.00042 - 0.00098
Dissolved Mercury (Hg) mg/L	Blank <0.00001
	Standard name DMR-0343-2017-HgEu
	Result 0.00050
	Accuracy 71.4%
	Limit 0.00042 - 0.00098
Molybdenum (Mo) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1036
	Accuracy 96.4%
	Limit 0.0800 - 0.1200
Dissolved Molybdenum (Mo) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 0.6545
	Accuracy 92.4%
	Limit 0.566 - 0.850
Ammonia NH3 (non-ionized) mg	Blank <0.01
NH4 mg N/L	Blank <0.01
Nickel (Ni) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1067
	Accuracy 93.3%
	Limit 0.0800 - 0.1200
Dissolved Nickel (Ni) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.218
	Accuracy 93.2%
	Limit 0.91 - 1.37
Nitrate (NO3) mg N/L	Blank <0.01
Nitrite (NO2) mg N/L	Blank <0.01
	Standard name DMR-0343-2017-NO2
	Result 2.74

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Quality control Report

Lab number: V-65924

Sample name: ST-S-5 DUP

Sampling location: meadow

Sampling date: July 19, 2017

Sampling hour: 16:00

Parameter	
Ortho-Phosphate (O-PO4) mg P/	Accuracy 98.9%
	Limit 2.30 - 3.12
	Blank <0.01
	Standard name DMR-0343-2017-OPO4
	Result 3.23
Total Phosphorus (P) mg P/L	Accuracy 98.7%
	Limit 2.81 - 3.57
	Blank <0.01
	Standard name DMR-0343-2017-Ptotal
	Result 1.02
Lead (Pb) mg/L	Accuracy 89.5%
	Limit 1.00 - 1.28
	Blank <0.0003
	Standard name C00-046-705_X_1000
	Result 0.0911
Dissolved Lead (Pb) mg/L	Accuracy 91.1%
	Limit 0.0800 - 0.1200
	Blank <0.0003
	Standard name DMR-0219-2017-Eu
	Result 0.9012
Potassium (K) mg/L	Accuracy 99.8%
	Limit 0.722 - 1.084
	Blank <0.05
	Standard name C00-046-705_X_1000
	Result 0.82
Dissolved Potassium (K) mg/L	Accuracy 82%
	Limit 0.800 - 1.200
	Blank <0.05
	Standard name DMR-0219-2017-Eu
	Result 18.1
Selenium (Se) mg/L	Accuracy 98.3%
	Limit 14.2 - 21.4
	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.102
Dissolved Selenium (Se) mg/L	Accuracy 98%
	Limit 0.0800 - 0.1200
	Blank <0.001
	Standard name DMR-0219-2017-Eu
	Result 1.49

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Quality control Report

Lab number: V-65924

Sample name: ST-S-5 DUP

Sampling location: meadow

Sampling date: July 19, 2017

Sampling hour: 16:00

Parameter	
	Accuracy 89.6%
	Limit 1.08 - 1.62
Sodium (Na) mg/L	Blank <0.05
	Standard name C00-046-705_X_1000
	Result 1.16
	Accuracy 84%
	Limit 0.800 - 1.200
Dissolved Sodium (Na) mg/L	Blank <0.05
	Standard name DMR-0219-2017-Eu
	Result 30.9
	Accuracy 86%
	Limit 21.7 - 32.5
Strontium (Sr) mg/L	Blank <0.005
	Standard name DMR-0219-2017-Eu
	Result 1.19
	Accuracy 96.7%
	Limit 0.98 - 1.48
dissolved Strontium (Sr) mg/L	Blank <0.005
	Standard name DMR-0219-2017-Eu
	Result 1.31
	Accuracy 93.5%
	Limit 0.98 - 1.48
Sulfate (SO4) mg SO4/L	Blank <0.6
	Standard name DMR-0343-2017-SO4
	Result 124
	Accuracy 99.2%
	Limit 114 - 132
Thallium (Tl) mg/L	Blank 0.0011
	Standard name Tl-S140909023-1000ppm
	Result 800
	Accuracy 80%
	Limit 800 - 1200
Dissolved thallium (Tl) mg/L	Blank <0.0008
	Standard name Tl-S140909023-1000ppm
	Result 822
	Accuracy 82.2%
	Limit 800 - 1200
Titanium (Ti) mg/L	Blank <0.01
Dissolved titanium (Ti) mg/L	Blank <0.01
Uranium (U) mg/L	Blank <0.001

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Quality control Report

Lab number: V-65924

Sample name: ST-S-5 DUP

Sampling location: meadow

Sampling date: July 19, 2017

Sampling hour: 16:00

Parameter

Standard name C00-046-705_X_1000

Result 0.099

Accuracy 99%

Limit 0.0800 - 0.1200

Dissolved Uranium (U) mg/L

Blank <0.001

Standard name DMR-0219-2017-Eu

Result 1.84

Accuracy 95.5%

Limit 1.41 - 2.11

Vanadium (V) mg/L

Blank <0.0005

Standard name C00-046-705_X_1000

Result 0.1060

Accuracy 94%

Limit 0.0800 - 0.1200

Dissolved Vanadium mg/L

Blank <0.0005

Standard name DMR-0219-2017-Eu

Result 2.154

Accuracy 91.8%

Limit 1.59 - 2.39

Zinc (Zn) mg/L

Blank <0.001

Standard name C00-046-705_X_1000

Result 0.108

Accuracy 92%

Limit 0.0800 - 0.1200

Dissolved Zinc mg/L

Blank <0.001

Standard name DMR-0219-2017-Eu

Result 5.11

Accuracy 87.9%

Limit 3.65 - 5.47

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Additional information

Lab number: V-65924

Sample name: ST-S-5 DUP

Sampling location: meadow

Sampling date: July 19, 2017

Sampling hour: 16:00

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-NH3-2.0	MA.300-N 2.0
M-CL-2.0	MA.300-Ions 1.3
M-CN-1.0	MA.300-CN 1.2
M-CI-1.0	MA.300-Anions 1.0
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-P-2.0	MA.303-P 1.1
M-P-3.0	MA. 315-P 2.0
M-SULF-2.0	MA.300-Ions 1.3

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-65923

Sampling location: meadow

Sampling date: July 19, 2017

Sample name: ST-S-5

Sampling hour: 16:00

Sampled by: Martin T

Date received: July 21, 2017

Matrix: Water

Drinking water distribution:

Reported on: July 26, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

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Analytical Report

Lab number: V-65923

Sample name: ST-S-5

Sampling location: meadow

Sampling date: July 19, 2017

Sampling hour: 16:00

Parameter	Result	Method name	Analysis date
Alkalinity	122 mg CaCO ₃ /L	M-TIT-1.0	July 21, 2017
Aluminium (Al)	0.018 mg/L	Sous-traitance\Multilab Direct	July 25, 2017
Dissolved Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	July 25, 2017
Antimony (Sb)	0.0001 mg/L	Sous-traitance\Multilab Direct	July 25, 2017
Dissolved Antimony (Sb)	<0.0001 mg/L	Sous-traitance\Multilab Direct	July 25, 2017
Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	July 25, 2017
Dissolved Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	July 25, 2017
Arsenic (As)	0.0174 mg/L	Sous-traitance\Multilab Direct	July 25, 2017
Dissolved Arsenic (As)	0.0083 mg/L	Sous-traitance\Multilab Direct	July 25, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	29.6 mg N/L	Sous-traitance\Multilab Direct	July 24, 2017
Kjeldahl nitrogen	54.7 mg N/L	Sous-traitance\Multilab Direct	July 24, 2017
Barium (Ba)	0.0225 mg/L	Sous-traitance\Multilab Direct	July 25, 2017
Dissolved Barium (Ba)	0.0222 mg/L	Sous-traitance\Multilab Direct	July 25, 2017
Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 25, 2017
Dissolved Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 25, 2017
bicarbonate (HCO ₃)	122 mg CaCO ₃ /L	M-TIT-1.0	July 21, 2017
Boron (B)	0.08 mg/L	Sous-traitance\Multilab Direct	July 25, 2017
Dissolved Boron (B)	0.08 mg/L	Sous-traitance\Multilab Direct	July 25, 2017
Bromides	2.80 mg/L	Sous-traitance\Multilab Direct	July 24, 2017
Cadmium (Cd)	0.00105 mg/L	Sous-traitance\Multilab Direct	July 25, 2017
Dissolved Cadmium (Cd)	0.00133 mg/L	Sous-traitance\Multilab Direct	July 25, 2017
Calcium (Ca)	326 mg/L	Sous-traitance\Multilab Direct	July 25, 2017
Dissolved Calcium (Ca)	306 mg/L	Sous-traitance\Multilab Direct	July 25, 2017
Carbonate (CO ₃)	<2 mg CaCO ₃ /L	M-TIT-1.0	July 21, 2017
Dissolved Organic Carbon (D.O.C.)	48.6 mg/L	M-COT-1.0	July 21, 2017
Total Organic Carbon (T.O.C.)	48.6 mg/L	M-COT-1.0	July 21, 2017
Chloride	83.2 mg/L	Sous-traitance\Multilab Direct	July 24, 2017
Chrome (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	July 25, 2017
Dissolved Chromium (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	July 25, 2017
Copper (Cu)	0.0080 mg/L	Sous-traitance\Multilab Direct	July 25, 2017
Dissolved Copper (Cu)	0.0073 mg/L	Sous-traitance\Multilab Direct	July 25, 2017
Cyanide W.A.D.	0.104 mg/L	Sous-traitance\Multilab Direct	July 24, 2017
Total Cyanide (CNT)	0.246 mg/L	Sous-traitance\Multilab Direct	July 24, 2017
Hardness	1026 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	July 25, 2017
Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 25, 2017
dissolved Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 25, 2017
Iron (Fe)	1.02 mg/L	Sous-traitance\Multilab Direct	July 25, 2017
Dissolved Iron (Fe)	0.15 mg/L	Sous-traitance\Multilab Direct	July 25, 2017
Fluoride (F)	0.46 mg/L	Sous-traitance\Multilab Direct	July 25, 2017
Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	July 24, 2017

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Analytical Report

Lab number: V-65923

Sample name: ST-S-5

Sampling location: meadow

Sampling date: July 19, 2017

Sampling hour: 16:00

Parameter	Result	Method name	Analysis date
Dissolved Lithium (Li)	0.005 mg/L	Sous-traitance\Multilab Direct	July 24, 2017
Total Suspended Solids	13 mg/L	M-SOLI-1.0	July 24, 2017
Magnesium (Mg)	51.6 mg/L	Sous-traitance\Multilab Direct	July 25, 2017
Dissolved Magnesium (Mg)	51.4 mg/L	Sous-traitance\Multilab Direct	July 25, 2017
Manganese (Mn)	1.821 mg/L	Sous-traitance\Multilab Direct	July 25, 2017
Dissolved Manganese (Mn)	1.773 mg/L	Sous-traitance\Multilab Direct	July 25, 2017
Mercury (Hg)	0.00006 mg/L	Sous-traitance\Multilab Direct	July 25, 2017
Dissolved Mercury (Hg)	0.0001 mg/L	Sous-traitance\Multilab Direct	July 24, 2017
Molybdenum (Mo)	0.2753 mg/L	Sous-traitance\Multilab Direct	July 25, 2017
Dissolved Molybdenum (Mo)	0.3174 mg/L	Sous-traitance\Multilab Direct	July 25, 2017
Ammonia NH3 (non-ionized)	0.45 mg N/L	Sous-traitance\Multilab Direct	July 24, 2017
NH4	29.1 mg N/L	Sous-traitance\Multilab Direct	July 24, 2017
Nickel (Ni)	0.0201 mg/L	Sous-traitance\Multilab Direct	July 25, 2017
Dissolved Nickel (Ni)	0.0201 mg/L	Sous-traitance\Multilab Direct	July 25, 2017
Nitrate (NO3)	0.13 mg N/L	Sous-traitance\Multilab Direct	July 24, 2017
Nitrite (NO2)	0.02 mg N/L	Sous-traitance\Multilab Direct	July 24, 2017
Ortho-Phosphate (O-PO4)	0.02 mg P/L	Sous-traitance\Multilab Direct	July 25, 2017
Total Phosphorus (P)	0.05 mg P/L	Sous-traitance\Multilab Direct	July 24, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	July 25, 2017
Dissolved Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	July 25, 2017
Potassium (K)	68.7 mg/L	Sous-traitance\Multilab Direct	July 25, 2017
Dissolved Potassium (K)	65.5 mg/L	Sous-traitance\Multilab Direct	July 25, 2017
Salinity	2 ppm	M-TIT-1.0	July 21, 2017
Selenium (Se)	0.011 mg/L	Sous-traitance\Multilab Direct	July 25, 2017
Dissolved Selenium (Se)	0.014 mg/L	Sous-traitance\Multilab Direct	July 25, 2017
Reactive silica (SiO2)	7.7 mg/L	Sous-traitance\Maxxam	July 26, 2017
Sodium (Na)	451 mg/L	Sous-traitance\Multilab Direct	July 25, 2017
Dissolved Sodium (Na)	428 mg/L	Sous-traitance\Multilab Direct	July 25, 2017
Dissolved Solids	2664 mg/L	M-TIT-1.0	July 21, 2017
Strontium (Sr)	1.29 mg/L	Sous-traitance\Multilab Direct	July 24, 2017
dissolved Strontium (Sr)	1.31 mg/L	Sous-traitance\Multilab Direct	July 24, 2017
Sulfate (SO4)	1731 mg SO4/L	Sous-traitance\Multilab Direct	July 24, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	July 24, 2017
Dissolved thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	July 24, 2017
Titanium (Ti)	0.43 mg/L	Sous-traitance\Multilab Direct	July 25, 2017
Dissolved titanium (Ti)	0.37 mg/L	Sous-traitance\Multilab Direct	July 25, 2017
Uranium (U)	0.026 mg/L	Sous-traitance\Multilab Direct	July 25, 2017
Dissolved Uranium (U)	0.026 mg/L	Sous-traitance\Multilab Direct	July 25, 2017
Vanadium (V)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 25, 2017
Dissolved Vanadium	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 25, 2017

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Analytical Report

Lab number: V-65923

Sample name: ST-S-5

Sampling location: meadow

Sampling date: July 19, 2017

Sampling hour: 16:00

Parameter	Result	Method name	Analysis date
Zinc (Zn)	0.003 mg/L	Sous-traitance\Multilab Direct	July 25, 2017
Dissolved Zinc	<0.001 mg/L	Sous-traitance\Multilab Direct	July 25, 2017

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Detection limit

Lab number: V-65923

Sample name: ST-S-5

Sampling location: meadow

Sampling date: July 19, 2017

Sampling hour: 16:00

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO ₃ /L	M-TIT-1.0	
Aluminium (Al)	0.006	mg/L	Sous-traitance	
Dissolved Aluminium (Al)	0.006	mg/L	Sous-traitance	
Antimony (Sb)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Antimony (Sb)	0.0001	mg/L	Sous-traitance	
Silver (Ag)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Silver (Ag)	0.0001	mg/L	Sous-traitance	
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Arsenic (As)	0.0005	mg/L	Sous-traitance	
Ammonia nitrogen (NH ₃ -NH ₄)	0.01	mg N/L	Sous-traitance	Yes
Kjeldahl nitrogen	0.07	mg N/L	Sous-traitance	Yes
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Barium (Ba)	0.0005	mg/L	Sous-traitance	
Beryllium (Be)	0.0005	mg/L	Sous-traitance	
Dissolved Beryllium (Be)	0.0005	mg/L	Sous-traitance	
bicarbonate (HCO ₃)	2	mg CaCO ₃ /L	M-TIT-1.0	
Boron (B)	0.01	mg/L	Sous-traitance	Yes
Dissolved Boron (B)	0.01	mg/L	Sous-traitance	
Bromides	0.01	mg/L	Sous-traitance	
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Dissolved Cadmium (Cd)	0.00002	mg/L	Sous-traitance	
Calcium (Ca)	0.03	mg/L	Sous-traitance	Yes
Dissolved Calcium (Ca)	0.03	mg/L	Sous-traitance	
Carbonate (CO ₃)	2	mg CaCO ₃ /L	M-TIT-1.0	
Dissolved Organic Carbon (D.O.C.)	0.2	mg/L	M-COT-1.0	--
Total Organic Carbon (T.O.C.)	0.2	mg/L	M-COT-1.0	Yes
Chloride	0.5	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Dissolved Chromium (Cr)	0.0006	mg/L	Sous-traitance	
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Copper (Cu)	0.0005	mg/L	Sous-traitance	
Cyanide W.A.D.	0.001	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO ₃ /L	Sous-traitance	
Tin (Sn)	0.001	mg/L	Sous-traitance	Yes
dissolved Tin (Sn)	0.001	mg/L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes
Dissolved Iron (Fe)	0.01	mg/L	Sous-traitance	
Fluoride (F)	0.02	mg/L	Sous-traitance	Yes
Lithium (Li)	0.005	mg/L	Sous-traitance	

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Detection limit

Lab number: V-65923

Sample name: ST-S-5

Sampling location: meadow

Sampling date: July 19, 2017

Sampling hour: 16:00

Parameter	Value	Unit	Method	Accreditation
Dissolved Lithium (Li)	0.005	mg/L	Sous-traitance	
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Magnesium (Mg)	0.02	mg/L	Sous-traitance	Yes
Dissolved Magnesium (Mg)	0.02	mg/L	Sous-traitance	
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Manganese (Mn)	0.0005	mg/L	Sous-traitance	
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Dissolved Mercury (Hg)	0.00001	mg/L	Sous-traitance	
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	
Ammonia NH3 (non-ionized)	0.01	mg N/L	Sous-traitance	-
NH4	0.01	mg N/L	Sous-traitance	-
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Nickel (Ni)	0.0005	mg/L	Sous-traitance	
Nitrate (NO3)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO2)	0.01	mg N/L	Sous-traitance	Yes
Ortho-Phosphate (O-PO4)	0.01	mg P/L	Sous-traitance	Yes
Total Phosphorus (P)	0.01	mg P/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Dissolved Lead (Pb)	0.0003	mg/L	Sous-traitance	
Potassium (K)	0.05	mg/L	Sous-traitance	
Dissolved Potassium (K)	0.05	mg/L	Sous-traitance	
Salinity	1	ppm	M-TIT-1.0	-
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Dissolved Selenium (Se)	0.001	mg/L	Sous-traitance	
Reactive silica (SiO2)		mg/L	Sous-traitance	
Sodium (Na)	0.05	mg/L	Sous-traitance	Yes
Dissolved Sodium (Na)	0.05	mg/L	Sous-traitance	
Dissolved Solids	1	mg/L	M-TIT-1.0	
Strontium (Sr)	0.005	mg/L	Sous-traitance	
dissolved Strontium (Sr)	0.005	mg/L	Sous-traitance	
Sulfate (SO4)	0.6	mg SO4/L	Sous-traitance	Yes
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Dissolved thallium (Tl)	0.0008	mg/L	Sous-traitance	
Titanium (Ti)	0.01	mg/L	Sous-traitance	
Dissolved titanium (Ti)	0.01	mg/L	Sous-traitance	
Uranium (U)	0.001	mg/L	Sous-traitance	
Dissolved Uranium (U)	0.001	mg/L	Sous-traitance	
Vanadium (V)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Vanadium	0.0005	mg/L	Sous-traitance	

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Detection limit

Lab number: V-65923

Sample name: ST-S-5

Sampling location: meadow

Sampling date: July 19, 2017

Sampling hour: 16:00

Parameter	Value	Unit	Method	Accreditation
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes
Dissolved Zinc	0.001	mg/L	Sous-traitance	

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Quality control Report

Lab number: V-65923

Sample name: ST-S-5

Sampling location: meadow

Sampling date: July 19, 2017

Sampling hour: 16:00

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 149 Accuracy 97.2% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006
	Standard name DMR-0219-2017-Eu Result 5.59 Accuracy 89.2% Limit 5.02 - 7.52
Dissolved Aluminium (Al) mg/L	Blank <0.006
	Standard name DMR-0219-2017-Eu Result 5.59 Accuracy 89.2% Limit 5.02 - 7.52
Antimony (Sb) mg/L	Blank <0.0001
	Standard name C00-046-705_X_1000 Result 0.0092 Accuracy 92% Limit 0.0080 - 0.0120
Silver (Ag) mg/L	Blank <0.0001
	Standard name DMR-0013-2017-Ag Result 0.0342 Accuracy 80.7% Limit 0.0339 - 0.0509
Dissolved Silver (Ag) mg/L	Blank <0.0001
	Standard name DMR-0013-2017-Ag Result 0.0342 Accuracy 80.7% Limit 0.0339 - 0.0509
Arsenic (As) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu Result 0.2598 Accuracy 91.5% Limit 0.199 - 0.369
Dissolved Arsenic (As) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu Result 0.2598 Accuracy 91.5% Limit 0.199 - 0.369
Ammonia nitrogen (NH ₃ -NH ₄) m	Blank <0.01

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Quality control Report

Lab number: V-65923

Sample name: ST-S-5

Sampling location: meadow

Sampling date: July 19, 2017

Sampling hour: 16:00

Parameter	
	Standard name DMR-0266-2017-NH3-NH4
	Result 2.04
	Accuracy 95.8%
	Limit 1.81 - 2.45
Kjeldahl nitrogen mg N/L	Blank <0.05
	Standard name DMR-0343-2017-NTK
	Result 5.85
	Accuracy 96.8%
	Limit 4.82 - 6.52
Barium (Ba) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 2.121
	Accuracy 87.3%
	Limit 1.94 - 2.92
Dissolved Barium (Ba) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 2.121
	Accuracy 87.3%
	Limit 1.94 - 2.92
Beryllium (Be) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.628
	Accuracy 95.8%
	Limit 1.36 - 2.04
Dissolved Beryllium (Be) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.628
	Accuracy 95.8%
	Limit 1.36 - 2.04
Boron (B) mg/L	Blank <0.01
	Standard name DMR-0219-2017-Eu
	Result 2.83
	Accuracy 98.3%
	Limit 2.30 - 3.46
Dissolved Boron (B) mg/L	Blank <0.01
	Standard name DMR-0219-2017-Eu
	Result 2.83
	Accuracy 98.3%
	Limit 2.30 - 3.46
Bromides mg/L	Blank <0.01

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Quality control Report

Lab number: V-65923

Sample name: ST-S-5

Sampling location: meadow

Sampling date: July 19, 2017

Sampling hour: 16:00

Parameter	
	Standard name DMR-0119-2017-Br
	Result 5.55
	Accuracy 98.6%
	Limit 4.50 - 6.76
Cadmium (Cd) mg/L	Blank <0.00002
	Standard name DMR-0219-2017-Eu
	Result 0.79620
	Accuracy 88.4%
	Limit 0.721 - 1.081
Dissolved Cadmium (Cd) mg/L	Blank <0.00002
	Standard name DMR-0219-2017-Eu
	Result 0.79620
	Accuracy 88.4%
	Limit 0.721 - 1.081
Calcium (Ca) mg/L	Blank <0.03
	Standard name DMR-0219-2017-Eu
	Result 17.6
	Accuracy 87.1%
	Limit 16.2 - 24.2
Dissolved Calcium (Ca) mg/L	Blank <0.03
	Standard name DMR-0219-2017-Eu
	Result 17.6
	Accuracy 87.1%
	Limit 16.2 - 24.2
Dissolved Organic Carbon (D.O.C.) mg/L	Blank <0.2
	Standard name COD 10mg/L
	Result 11
	Accuracy 90%
	Limit 8 - 12
Total Organic Carbon (T.O.C.) mg/L	Blank <0.2
	Standard name COT 10mg/L
	Result 11
	Accuracy 90%
	Limit 8 - 12
Chloride mg/L	Blank <0.5
	Standard name DMR-0343-2017-Cl
	Result 111
	Accuracy 97.2%
	Limit 95 - 121
Chrome (Cr) mg/L	Blank <0.0006

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Quality control Report

Lab number: V-65923

Sample name: ST-S-5

Sampling location: meadow

Sampling date: July 19, 2017

Sampling hour: 16:00

Parameter	
	Standard name DMR-0219-2017-Eu
	Result 3.771
	Accuracy 93.1%
	Limit 3.24 - 4.86
Dissolved Chromium (Cr) mg/L	Blank <0.0006
	Standard name DMR-0219-2017-Eu
	Result 3.771
	Accuracy 93.1%
	Limit 3.24 - 4.86
Copper (Cu) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.300
	Accuracy 98.4%
	Limit 1.02 - 1.54
Dissolved Copper (Cu) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.300
	Accuracy 98.4%
	Limit 1.02 - 1.54
Cyanide W.A.D. mg/L	Blank <0.001
	Standard name DMR-0343-CN
	Result 0.854
	Accuracy 96.7%
	Limit 0.751 - 1.015
Total Cyanide (CNT) mg/L	Blank <0.001
	Standard name DMR-0343-CN
	Result 1.16
	Accuracy 98.3%
	Limit 1.003 - 1.357
Tin (Sn) mg/L	Blank <0.001
	Standard name DMR-0310-2016-Sn
	Result 7.65
	Accuracy 84.3%
	Limit 7.26 - 10.88
dissolved Tin (Sn) mg/L	Blank <0.001
	Standard name DMR-0310-2016-Sn
	Result 7.65
	Accuracy 84.3%
	Limit 6.35 - 11.79
Iron (Fe) mg/L	Blank <0.01

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Quality control Report

Lab number: V-65923

Sample name: ST-S-5

Sampling location: meadow

Sampling date: July 19, 2017

Sampling hour: 16:00

Parameter	
	Standard name DMR-0219-2017-Eu
	Result 11.9
	Accuracy 95.6%
	Limit 9.1 - 13.7
Dissolved Iron (Fe) mg/L	Blank <0.01
	Standard name DMR-0219-2017-Eu
	Result 11.9
	Accuracy 95.6%
	Limit 9.1 - 13.7
Fluoride (F) mg/L	Blank <0.02
	Standard name DMR-0343-2017-F
	Result 2.35
	Accuracy 97.8%
	Limit 2.1 - 2.5
Lithium (Li) mg/L	Blank <0.005
	Standard name DMR-0219-2017-Eu
	Result 0.711
	Accuracy 84%
	Limit 0.677 - 1.015
Dissolved Lithium (Li) mg/L	Blank <0.005
	Standard name DMR-0219-2017-Eu
	Result 0.711
	Accuracy 84%
	Limit 0.677 - 1.015
Total Suspended Solids mg/L	Blank <1
	Standard name STD-MES 25mg/L
	Result 26
	Accuracy 96%
	Limit 19 - 31
Magnesium (Mg) mg/L	Blank <0.02
	Standard name DMR-0219-2017-Eu
	Result 7.15
	Accuracy 90.4%
	Limit 6.33 - 9.49
Dissolved Magnesium (Mg) mg/L	Blank <0.02
	Standard name DMR-0219-2017-Eu
	Result 7.15
	Accuracy 90.4%
	Limit 6.33 - 9.49
Manganese (Mn) mg/L	Blank <0.0005

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

This report shall not be reproduced except in full without the written authority of the laboratory.



Quality control Report

Lab number: V-65923

Sample name: ST-S-5

Sampling location: meadow

Sampling date: July 19, 2017

Sampling hour: 16:00

Parameter	
	Standard name DMR-0219-2017-Eu
	Result 3.491
	Accuracy 89.5%
	Limit 3.12 - 4.68
Dissolved Manganese (Mn) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 3.491
	Accuracy 89.5%
	Limit 3.12 - 4.68
Mercury (Hg) mg/L	Blank <0.00001
	Standard name DMR-0266-2017-HgEu
	Result 0.00064
	Accuracy 91.4%
	Limit 0.00042 - 0.00098
Dissolved Mercury (Hg) mg/L	Blank <0.00001
	Standard name DMR-0266-2017-HgEu
	Result 0.00064
	Accuracy 91.4%
	Limit 0.00042 - 0.00098
Molybdenum (Mo) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 0.5667
	Accuracy 80%
	Limit 0.566 - 0.850
Dissolved Molybdenum (Mo) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 0.5667
	Accuracy 80%
	Limit 0.566 - 0.850
Ammonia NH3 (non-ionized) mg	Blank <0.01
NH4 mg N/L	Blank <0.01
Nickel (Ni) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.059
	Accuracy 92.9%
	Limit 0.91 - 1.37
Dissolved Nickel (Ni) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.059
	Accuracy 92.9%

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Quality control Report

Lab number: V-65923

Sample name: ST-S-5

Sampling location: meadow

Sampling date: July 19, 2017

Sampling hour: 16:00

Parameter	
	Limit 0.91 - 1.37
Nitrate (NO3) mg N/L	Blank <0.01
Nitrite (NO2) mg N/L	Blank <0.01
	Standard name DMR-0343-2017-NO2
	Result 2.74
	Accuracy 98.9%
	Limit 2.30 - 3.12
Ortho-Phosphate (O-PO4) mg P/	Blank <0.01
	Standard name DMR-0343-2017-OPO4
	Result 3.23
	Accuracy 98.7%
	Limit 2.81 - 3.57
Total Phosphorus (P) mg P/L	Blank <0.01
	Standard name DMR-0343-2017-Ptotal
	Result 1.02
	Accuracy 89.5%
	Limit 1.00 - 1.28
Lead (Pb) mg/L	Blank <0.0003
	Standard name DMR-0219-2017-Eu
	Result 0.8189
	Accuracy 90.7%
	Limit 0.722 - 1.084
Dissolved Lead (Pb) mg/L	Blank <0.0003
	Standard name DMR-0219-2017-Eu
	Result 0.8189
	Accuracy 90.7%
	Limit 0.722 - 1.084
Potassium (K) mg/L	Blank <0.05
	Standard name DMR-0219-2017-Eu
	Result 17.0
	Accuracy 95.5%
	Limit 14.2 - 21.4
Dissolved Potassium (K) mg/L	Blank <0.05
	Standard name DMR-0219-2017-Eu
	Result 17.0
	Accuracy 95.5%
	Limit 14.2 - 21.4
Selenium (Se) mg/L	Blank <0.001
	Standard name DMR-0219-2017-Eu
	Result 1.27

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Quality control Report

Lab number: V-65923

Sample name: ST-S-5

Sampling location: meadow

Sampling date: July 19, 2017

Sampling hour: 16:00

Parameter	
Dissolved Selenium (Se) mg/L	Accuracy 94.1%
	Limit 1.08 - 1.62
	Blank <0.001
	Standard name DMR-0219-2017-Eu
	Result 1.27
Sodium (Na) mg/L	Accuracy 94.1%
	Limit 1.08 - 1.62
	Blank <0.05
	Standard name DMR-0219-2017-Eu
	Result 23.9
Dissolved Sodium (Na) mg/L	Accuracy 88.2%
	Limit 21.7 - 32.5
	Blank <0.05
	Standard name DMR-0219-2017-Eu
	Result 23.9
Strontium (Sr) mg/L	Accuracy 88.2%
	Limit 21.7 - 32.5
	Blank <0.005
	Standard name DMR-0219-2017-Eu
	Result 1.29
dissolved Strontium (Sr) mg/L	Accuracy 95.1%
	Limit 0.98 - 1.48
	Blank <0.005
	Standard name DMR-0219-2017-Eu
	Result 1.29
Sulfate (SO4) mg SO4/L	Accuracy 95.1%
	Limit 0.98 - 1.48
	Blank <0.6
	Standard name DMR-0343-2017-SO4
	Result 124
Thallium (TI) mg/L	Accuracy 99.2%
	Limit 114 - 132
	Blank <0.0008
	Standard name TI-S140909023-1000ppm
	Result 939
Dissolved thallium (TI) mg/L	Accuracy 93.9%
	Limit 800 - 1200
	Blank <0.0008
	Standard name TI-S140909023-1000ppm
	Result 939

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Quality control Report

Lab number: V-65923

Sample name: ST-S-5

Sampling location: meadow

Sampling date: July 19, 2017

Sampling hour: 16:00

Parameter	
	Accuracy 93.9%
	Limit 800 - 1200
Titanium (Ti) mg/L	Blank <0.01
Dissolved titanium (Ti) mg/L	Blank <0.01
Uranium (U) mg/L	Blank <0.001
	Standard name DMR-0219-2017-Eu
	Result 1.56
	Accuracy 88.6%
	Limit 1.41 - 2.11
Dissolved Uranium (U) mg/L	Blank <0.001
	Standard name DMR-0219-2017-Eu
	Result 1.56
	Accuracy 88.6%
	Limit 1.41 - 2.11
Vanadium (V) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.758
	Accuracy 88.3%
	Limit 1.59 - 2.39
Dissolved Vanadium mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.758
	Accuracy 88.3%
	Limit 1.59 - 2.39
Zinc (Zn) mg/L	Blank <0.001
	Standard name DMR-0219-2017-Eu
	Result 4.27
	Accuracy 93.6%
	Limit 3.65 - 5.47
Dissolved Zinc mg/L	Blank <0.001
	Standard name DMR-0219-2017-Eu
	Result 4.27
	Accuracy 93.6%
	Limit 3.65 - 5.47

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Additional information

Lab number: V-65923
Sample name: ST-S-5
Sampling location: meadow

Sampling date: July 19, 2017
Sampling hour: 16:00

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-NH3-2.0	MA.300-N 2.0
M-CL-2.0	MA.300-Ions 1.3
M-CN-1.0	MA.300-CN 1.2
M-CI-1.0	MA.300-Anions 1.0
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-P-2.0	MA.303-P 1.1
M-P-3.0	MA. 315-P 2.0
M-SULF-2.0	MA.300-Ions 1.3

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-66007

Sampling location: TPSN65.58.10.9. W96.09.51.37.

Sampling date: July 23, 2017

Sample name: ST-EEM-2c WAL

Sampling hour: 10:00

Sampled by: Martin Theriault

Date received: July 25, 2017

Matrix: Waste Water

Drinking water distribution:

Reported on: August 17, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Lab number: V-66007

Sample name: ST-EEM-2c WAL

Sampling date: July 23, 2017

Sampling location: TPSN65.58.10.9. W96.09.51.37.

Sampling hour: 10:00

Parameter	Result	Method name	Analysis date
Alkalinity	42 mg CaCO3/L	M-TIT-1.0	July 25, 2017
Aluminium (Al)	0.008 mg/L	Sous-traitance\Multilab Direct	August 02, 2017
Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 02, 2017
Ammonia nitrogen (NH3-NH4)	0.04 mg N/L	Sous-traitance\Multilab Direct	July 26, 2017
Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	August 02, 2017
Copper (Cu)	0.0011 mg/L	Sous-traitance\Multilab Direct	August 02, 2017
Total Cyanide (CNT)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 28, 2017
Hardness	18 mg CaCO3/L	Sous-traitance\Multilab Direct	August 02, 2017
Iron (Fe)	0.02 mg/L	Sous-traitance\Multilab Direct	August 02, 2017
Total Suspended Solids	1 mg/L	M-SOLI-1.0	July 26, 2017
Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	August 16, 2017
Molybdenum (Mo)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 02, 2017
Ammonia NH3 (non-ionized)	<0.01 mg N/L	Sous-traitance\Multilab Direct	July 26, 2017
Nickel (Ni)	0.0005 mg/L	Sous-traitance\Multilab Direct	August 02, 2017
Nitrate (NO3)	0.12 mg N/L	Sous-traitance\Multilab Direct	July 26, 2017
Lead (Pb)	0.0018 mg/L	Sous-traitance\Multilab Direct	August 02, 2017
Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 02, 2017
Zinc (Zn)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 02, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Detection limit

Lab number: V-66007

Sample name: ST-EEM-2c WAL

Sampling date: July 23, 2017

Sampling location: TPSN65.58.10.9. W96.09.51.37.

Sampling hour: 10:00

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO3/L	M-TIT-1.0	
Aluminium (Al)	0.006	mg/L	Sous-traitance	
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Ammonia nitrogen (NH3-NH4)	0.01	mg N/L	Sous-traitance	Yes
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO3/L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Ammonia NH3 (non-ionized)	0.01	mg N/L	Sous-traitance	-
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Nitrate (NO3)	0.01	mg N/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes

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Quality control Report

Lab number: V-66007

Sample name: ST-EEM-2c WAL

Sampling date: July 23, 2017

Sampling location: TPSN65.58.10.9. W96.09.51.37.

Sampling hour: 10:00

Parameter	
Alkalinity mg CaCO3/L	Standard name STD alcalinité Result 147 Accuracy 98.6% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006 Standard name C00-046-705_X_1000 Result 1.20 Accuracy 80% Limit 0.800 - 1.200
Arsenic (As) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0974 Accuracy 97.4% Limit 0.0700 - 0.1300
Ammonia nitrogen (NH3-NH4) m	Blank <0.01 Standard name DMR-0343-2017-NH3-NH4 Result 2.25 Accuracy 94.4% Limit 1.81 - 2.45
Cadmium (Cd) mg/L	Blank <0.00002 Standard name C00-046-705_X_1000 Result 0.10286 Accuracy 97.1% Limit 0.0800 - 0.1200
Copper (Cu) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1048 Accuracy 95.2% Limit 0.0800 - 0.1200
Total Cyanide (CNt) mg/L	Blank <0.001 Standard name DMR-0343-CN Result 1.30 Accuracy 89.8% Limit 1.003 - 1.357
Iron (Fe) mg/L	Blank <0.01 Standard name C00-046-705_X_1000 Result 1.15 Accuracy 85% Limit 0.800 - 1.200
Total Suspended Solids mg/L	Blank <1

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Quality control Report

Lab number: V-66007

Sample name: ST-EEM-2c WAL

Sampling date: July 23, 2017

Sampling location: TPSN65.58.10.9. W96.09.51.37.

Sampling hour: 10:00

Parameter	
	Standard name STD-MES 25mg/L
	Result 26
	Accuracy 96%
	Limit 19 - 31
Mercury (Hg) mg/L	Blank <0.00001
	Standard name DMR-0343-2017-HgEu
	Result 0.00055
	Accuracy 78.6%
	Limit 0.00042 - 0.00098
Molybdenum (Mo) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0975
	Accuracy 97.5%
	Limit 0.0800 - 0.1200
Ammonia NH3 (non-ionized) mg	Blank <0.01
Nickel (Ni) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1046
	Accuracy 95.4%
	Limit 0.0800 - 0.1200
Nitrate (NO3) mg N/L	Blank <0.01
Lead (Pb) mg/L	Blank <0.0003
	Standard name C00-046-705_X_1000
	Result 0.0934
	Accuracy 93.4%
	Limit 0.0800 - 0.1200
Selenium (Se) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.101
	Accuracy 99%
	Limit 0.0800 - 0.1200
Zinc (Zn) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.112
	Accuracy 88%
	Limit 0.0800 - 0.1200

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Additional information

Lab number: V-66007

Sample name: ST-EEM-2c WAL

Sampling location: TPSN65.58.10.9. W96.09.51.37.

Sampling date: July 23, 2017

Sampling hour: 10:00

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-NH3-2.0	MA.300-N 2.0
M-CN-1.0	MA.300-CN 1.2
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-66008

Sampling location: WALLY N 65.040.44.22. W95.57.35.1.

Sampling date: July 23, 2017

Sample name: ST-EEM-2c WAL DUP

Sampling hour: 10:00

Sampled by: Martin Theriault

Date received: July 25, 2017

Matrix: Waste Water

Drinking water distribution:

Reported on: August 17, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Lab number: V-66008

Sample name: ST-EEM-2c WAL DUP

Sampling date: July 23, 2017

Sampling location: WALLY N 65.040.44.22. W95.57.35.1.

Sampling hour: 10:00

Parameter	Result	Method name	Analysis date
Alkalinity	49 mg CaCO ₃ /L	M-TIT-1.0	July 25, 2017
Aluminium (Al)	0.009 mg/L	Sous-traitance\Multilab Direct	August 02, 2017
Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 02, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	0.03 mg N/L	Sous-traitance\Multilab Direct	July 26, 2017
Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	August 02, 2017
Copper (Cu)	0.0009 mg/L	Sous-traitance\Multilab Direct	August 02, 2017
Total Cyanide (CNT)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 28, 2017
Hardness	19 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	August 02, 2017
Iron (Fe)	0.02 mg/L	Sous-traitance\Multilab Direct	August 02, 2017
Total Suspended Solids	<1 mg/L	M-SOLI-1.0	July 26, 2017
Mercury (Hg)	0.00001 mg/L	Sous-traitance\Multilab Direct	August 16, 2017
Molybdenum (Mo)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 02, 2017
Ammonia NH ₃ (non-ionized)	<0.01 mg N/L	Sous-traitance\Multilab Direct	July 26, 2017
Nickel (Ni)	0.0005 mg/L	Sous-traitance\Multilab Direct	August 02, 2017
Nitrate (NO ₃)	0.09 mg N/L	Sous-traitance\Multilab Direct	July 26, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	August 02, 2017
Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 02, 2017
Zinc (Zn)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 02, 2017

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Detection limit

Lab number: V-66008

Sample name: ST-EEM-2c WAL DUP

Sampling date: July 23, 2017

Sampling location: WALLY N 65.040.44.22. W95.57.35.1.

Sampling hour: 10:00

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO3/L	M-TIT-1.0	
Aluminium (Al)	0.006	mg/L	Sous-traitance	
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Ammonia nitrogen (NH3-NH4)	0.01	mg N/L	Sous-traitance	Yes
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO3/L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Ammonia NH3 (non-ionized)	0.01	mg N/L	Sous-traitance	-
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Nitrate (NO3)	0.01	mg N/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes

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Quality control Report

Lab number: V-66008

Sample name: ST-EEM-2c WAL DUP

Sampling date: July 23, 2017

Sampling location: WALLY N 65.040.44.22. W95.57.35.1.

Sampling hour: 10:00

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 147 Accuracy 98.6% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006 Standard name C00-046-705_X_1000 Result 1.20 Accuracy 80% Limit 0.800 - 1.200
Arsenic (As) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0974 Accuracy 97.4% Limit 0.0700 - 0.1300
Ammonia nitrogen (NH ₃ -NH ₄) m	Blank <0.01 Standard name DMR-0343-2017-NH ₃ -NH ₄ Result 2.25 Accuracy 94.4% Limit 1.81 - 2.45
Cadmium (Cd) mg/L	Blank <0.00002 Standard name C00-046-705_X_1000 Result 0.10286 Accuracy 97.1% Limit 0.0800 - 0.1200
Copper (Cu) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1048 Accuracy 95.2% Limit 0.0800 - 0.1200
Total Cyanide (CNt) mg/L	Blank <0.001 Standard name DMR-0343-CN Result 1.30 Accuracy 89.8% Limit 1.003 - 1.357
Iron (Fe) mg/L	Blank <0.01 Standard name C00-046-705_X_1000 Result 1.15 Accuracy 85% Limit 0.800 - 1.200
Total Suspended Solids mg/L	Blank <1

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Quality control Report

Lab number: V-66008

Sample name: ST-EEM-2c WAL DUP

Sampling date: July 23, 2017

Sampling location: WALLY N 65.040.44.22. W95.57.35.1.

Sampling hour: 10:00

Parameter	
	Standard name STD-MES 25mg/L
	Result 26
	Accuracy 96%
	Limit 19 - 31
Mercury (Hg) mg/L	Blank <0.00001
	Standard name DMR-0343-2017-HgEu
	Result 0.00055
	Accuracy 78.6%
	Limit 0.00042 - 0.00098
Molybdenum (Mo) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0975
	Accuracy 97.5%
	Limit 0.0800 - 0.1200
Ammonia NH3 (non-ionized) mg	Blank <0.01
Nickel (Ni) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1046
	Accuracy 95.4%
	Limit 0.0800 - 0.1200
Nitrate (NO3) mg N/L	Blank <0.01
Lead (Pb) mg/L	Blank <0.0003
	Standard name C00-046-705_X_1000
	Result 0.0934
	Accuracy 93.4%
	Limit 0.0800 - 0.1200
Selenium (Se) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.101
	Accuracy 99%
	Limit 0.0800 - 0.1200
Zinc (Zn) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.112
	Accuracy 88%
	Limit 0.0800 - 0.1200

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

This report shall not be reproduced except in full without the written authority of the laboratory.



Additional information

Lab number: V-66008

Sample name: ST-EEM-2c WAL DUP

Sampling date: July 23, 2017

Sampling location: WALLY N 65.040.44.22. W95.57.35.1.

Sampling hour: 10:00

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-NH3-2.0	MA.300-N 2.0
M-CN-1.0	MA.300-CN 1.2
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-66009

Sampling location: WALLY N 65.04.44.22. W95.57.35.1

Sampling date: July 23, 2017

Sample name: ST-EEM-2c WAL FB

Sampling hour: 10:00

Sampled by: Martin Theriault

Date received: July 25, 2017

Matrix: Waste Water

Drinking water distribution:

Reported on: August 17, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Lab number: V-66009

Sample name: ST-EEM-2c WAL FB

Sampling date: July 23, 2017

Sampling location: WALLY N 65.04.44.22. W95.57.35.1

Sampling hour: 10:00

Parameter	Result	Method name	Analysis date
Alkalinity	10 mg CaCO ₃ /L	M-TIT-1.0	July 25, 2017
Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	August 02, 2017
Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 02, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	0.01 mg N/L	Sous-traitance\Multilab Direct	July 26, 2017
Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	August 02, 2017
Copper (Cu)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 02, 2017
Total Cyanide (CNT)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 28, 2017
Hardness	<1 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	August 02, 2017
Iron (Fe)	<0.01 mg/L	Sous-traitance\Multilab Direct	August 02, 2017
Total Suspended Solids	<1 mg/L	M-SOLI-1.0	July 26, 2017
Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	August 16, 2017
Molybdenum (Mo)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 02, 2017
Ammonia NH ₃ (non-ionized)	<0.01 mg N/L	Sous-traitance\Multilab Direct	July 26, 2017
Nickel (Ni)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 02, 2017
Nitrate (NO ₃)	<0.01 mg N/L	Sous-traitance\Multilab Direct	July 26, 2017
Lead (Pb)	0.0007 mg/L	Sous-traitance\Multilab Direct	August 02, 2017
Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 02, 2017
Zinc (Zn)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 02, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Detection limit

Lab number: V-66009

Sample name: ST-EEM-2c WAL FB

Sampling date: July 23, 2017

Sampling location: WALLY N 65.04.44.22. W95.57.35.1

Sampling hour: 10:00

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO3/L	M-TIT-1.0	
Aluminium (Al)	0.006	mg/L	Sous-traitance	
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Ammonia nitrogen (NH3-NH4)	0.01	mg N/L	Sous-traitance	Yes
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO3/L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Ammonia NH3 (non-ionized)	0.01	mg N/L	Sous-traitance	-
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Nitrate (NO3)	0.01	mg N/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Quality control Report

Lab number: V-66009

Sample name: ST-EEM-2c WAL FB

Sampling date: July 23, 2017

Sampling location: WALLY N 65.04.44.22. W95.57.35.1

Sampling hour: 10:00

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 147 Accuracy 98.6% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006 Standard name C00-046-705_X_1000 Result 1.20 Accuracy 80% Limit 0.800 - 1.200
Arsenic (As) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0974 Accuracy 97.4% Limit 0.0700 - 0.1300
Ammonia nitrogen (NH ₃ -NH ₄) m	Blank <0.01 Standard name DMR-0343-2017-NH ₃ -NH ₄ Result 2.25 Accuracy 94.4% Limit 1.81 - 2.45
Cadmium (Cd) mg/L	Blank <0.00002 Standard name C00-046-705_X_1000 Result 0.10286 Accuracy 97.1% Limit 0.0800 - 0.1200
Copper (Cu) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1048 Accuracy 95.2% Limit 0.0800 - 0.1200
Total Cyanide (CNt) mg/L	Blank <0.001 Standard name DMR-0343-CN Result 1.30 Accuracy 89.8% Limit 1.003 - 1.357
Iron (Fe) mg/L	Blank <0.01 Standard name C00-046-705_X_1000 Result 1.15 Accuracy 85% Limit 0.800 - 1.200
Total Suspended Solids mg/L	Blank <1

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Quality control Report

Lab number: V-66009

Sample name: ST-EEM-2c WAL FB

Sampling date: July 23, 2017

Sampling location: WALLY N 65.04.44.22. W95.57.35.1

Sampling hour: 10:00

Parameter	
	Standard name STD-MES 25mg/L
	Result 26
	Accuracy 96%
	Limit 19 - 31
Mercury (Hg) mg/L	Blank <0.00001
	Standard name DMR-0343-2017-HgEu
	Result 0.00055
	Accuracy 78.6%
	Limit 0.00042 - 0.00098
Molybdenum (Mo) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0975
	Accuracy 97.5%
	Limit 0.0800 - 0.1200
Ammonia NH3 (non-ionized) mg	Blank <0.01
Nickel (Ni) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1046
	Accuracy 95.4%
	Limit 0.0800 - 0.1200
Nitrate (NO3) mg N/L	Blank <0.01
Lead (Pb) mg/L	Blank <0.0003
	Standard name C00-046-705_X_1000
	Result 0.0934
	Accuracy 93.4%
	Limit 0.0800 - 0.1200
Selenium (Se) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.101
	Accuracy 99%
	Limit 0.0800 - 0.1200
Zinc (Zn) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.112
	Accuracy 88%
	Limit 0.0800 - 0.1200

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Additional information

Lab number: V-66009

Sample name: ST-EEM-2c WAL FB

Sampling date: July 23, 2017

Sampling location: WALLY N 65.04.44.22. W95.57.35.1

Sampling hour: 10:00

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-NH3-2.0	MA.300-N 2.0
M-CN-1.0	MA.300-CN 1.2
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-66010

Sampling location: TPS N65.58.10.9 W96.09.51.37.

Sampling date: July 23, 2017

Sample name: ST-EEM-2c TPS

Sampling hour: 12:00

Sampled by: Martin Theriault

Date received: July 25, 2017

Matrix: Waste Water

Drinking water distribution:

Reported on: August 17, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Lab number: V-66010

Sample name: ST-EEM-2c TPS

Sampling date: July 23, 2017

Sampling location: TPS N65.58.10.9 W96.09.51.37.

Sampling hour: 12:00

Parameter	Result	Method name	Analysis date
Alkalinity	16 mg CaCO3/L	M-TIT-1.0	July 25, 2017
Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	August 02, 2017
Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 02, 2017
Ammonia nitrogen (NH3-NH4)	0.01 mg N/L	Sous-traitance\Multilab Direct	July 26, 2017
Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	August 02, 2017
Copper (Cu)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 02, 2017
Total Cyanide (CNT)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 28, 2017
Hardness	7 mg CaCO3/L	Sous-traitance\Multilab Direct	August 02, 2017
Iron (Fe)	<0.01 mg/L	Sous-traitance\Multilab Direct	August 02, 2017
Total Suspended Solids	1 mg/L	M-SOLI-1.0	July 26, 2017
Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	August 16, 2017
Molybdenum (Mo)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 02, 2017
Ammonia NH3 (non-ionized)	<0.01 mg N/L	Sous-traitance\Multilab Direct	July 26, 2017
Nickel (Ni)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 02, 2017
Nitrate (NO3)	0.03 mg N/L	Sous-traitance\Multilab Direct	July 26, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	August 02, 2017
Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 02, 2017
Zinc (Zn)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 02, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Detection limit

Lab number: V-66010

Sample name: ST-EEM-2c TPS

Sampling date: July 23, 2017

Sampling location: TPS N65.58.10.9 W96.09.51.37.

Sampling hour: 12:00

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO3/L	M-TIT-1.0	
Aluminium (Al)	0.006	mg/L	Sous-traitance	
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Ammonia nitrogen (NH3-NH4)	0.01	mg N/L	Sous-traitance	Yes
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO3/L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Ammonia NH3 (non-ionized)	0.01	mg N/L	Sous-traitance	-
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Nitrate (NO3)	0.01	mg N/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes

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Quality control Report

Lab number: V-66010

Sample name: ST-EEM-2c TPS

Sampling date: July 23, 2017

Sampling location: TPS N65.58.10.9 W96.09.51.37.

Sampling hour: 12:00

Parameter	
Alkalinity mg CaCO3/L	Standard name STD alcalinité Result 147 Accuracy 98.6% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006 Standard name C00-046-705_X_1000 Result 1.20 Accuracy 80% Limit 0.800 - 1.200
Arsenic (As) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0974 Accuracy 97.4% Limit 0.0700 - 0.1300
Ammonia nitrogen (NH3-NH4) m	Blank <0.01 Standard name DMR-0343-2017-NH3-NH4 Result 2.25 Accuracy 94.4% Limit 1.81 - 2.45
Cadmium (Cd) mg/L	Blank <0.00002 Standard name C00-046-705_X_1000 Result 0.10286 Accuracy 97.1% Limit 0.0800 - 0.1200
Copper (Cu) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1048 Accuracy 95.2% Limit 0.0800 - 0.1200
Total Cyanide (CNt) mg/L	Blank <0.001 Standard name DMR-0343-CN Result 1.30 Accuracy 89.8% Limit 1.003 - 1.357
Iron (Fe) mg/L	Blank <0.01 Standard name C00-046-705_X_1000 Result 1.15 Accuracy 85% Limit 0.800 - 1.200
Total Suspended Solids mg/L	Blank <1

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Quality control Report

Lab number: V-66010

Sample name: ST-EEM-2c TPS

Sampling date: July 23, 2017

Sampling location: TPS N65.58.10.9 W96.09.51.37.

Sampling hour: 12:00

Parameter	
	Standard name STD-MES 25mg/L
	Result 26
	Accuracy 96%
	Limit 19 - 31
Mercury (Hg) mg/L	Blank <0.00001
	Standard name DMR-0343-2017-HgEu
	Result 0.00055
	Accuracy 78.6%
	Limit 0.00042 - 0.00098
Molybdenum (Mo) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0975
	Accuracy 97.5%
	Limit 0.0800 - 0.1200
Ammonia NH3 (non-ionized) mg	Blank <0.01
Nickel (Ni) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1046
	Accuracy 95.4%
	Limit 0.0800 - 0.1200
Nitrate (NO3) mg N/L	Blank <0.01
Lead (Pb) mg/L	Blank <0.0003
	Standard name C00-046-705_X_1000
	Result 0.0934
	Accuracy 93.4%
	Limit 0.0800 - 0.1200
Selenium (Se) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.101
	Accuracy 99%
	Limit 0.0800 - 0.1200
Zinc (Zn) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.112
	Accuracy 88%
	Limit 0.0800 - 0.1200

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

This report shall not be reproduced except in full without the written authority of the laboratory.



Additional information

Lab number: V-66010

Sample name: ST-EEM-2c TPS

Sampling location: TPS N65.58.10.9 W96.09.51.37.

Sampling date: July 23, 2017

Sampling hour: 12:00

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-NH3-2.0	MA.300-N 2.0
M-CN-1.0	MA.300-CN 1.2
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

This report shall not be reproduced except in full without the written authority of the laboratory.



Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-66011

Sampling location: TPS N 65.58.10.9. W 96.09.51.37.

Sampling date: July 23, 2017

Sample name: ST-EEM-2c TPS FB

Sampling hour: 12:00

Sampled by: Martin Theriault

Date received: July 25, 2017

Matrix: Waste Water

Drinking water distribution:

Reported on: August 17, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
This report shall not be reproduced except in full without the written authority of the laboratory.



Analytical Report

Lab number: V-66011

Sample name: ST-EEM-2c TPS FB

Sampling date: July 23, 2017

Sampling location: TPS N 65.58.10.9. W 96.09.51.37.

Sampling hour: 12:00

Parameter	Result	Method name	Analysis date
Alkalinity	10 mg CaCO3/L	M-TIT-1.0	July 25, 2017
Aluminium (Al)	0.015 mg/L	Sous-traitance\Multilab Direct	August 02, 2017
Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 02, 2017
Ammonia nitrogen (NH3-NH4)	0.01 mg N/L	Sous-traitance\Multilab Direct	July 26, 2017
Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	August 02, 2017
Copper (Cu)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 02, 2017
Total Cyanide (CNT)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 28, 2017
Hardness	<1 mg CaCO3/L	Sous-traitance\Multilab Direct	August 02, 2017
Iron (Fe)	<0.01 mg/L	Sous-traitance\Multilab Direct	August 02, 2017
Total Suspended Solids	<1 mg/L	M-SOLI-1.0	July 26, 2017
Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	August 16, 2017
Molybdenum (Mo)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 02, 2017
Ammonia NH3 (non-ionized)	<0.01 mg N/L	Sous-traitance\Multilab Direct	July 26, 2017
Nickel (Ni)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 02, 2017
Nitrate (NO3)	<0.01 mg N/L	Sous-traitance\Multilab Direct	July 26, 2017
Lead (Pb)	0.0011 mg/L	Sous-traitance\Multilab Direct	August 02, 2017
Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 02, 2017
Zinc (Zn)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 02, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Detection limit

Lab number: V-66011

Sample name: ST-EEM-2c TPS FB

Sampling date: July 23, 2017

Sampling location: TPS N 65.58.10.9. W 96.09.51.37.

Sampling hour: 12:00

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO3/L	M-TIT-1.0	
Aluminium (Al)	0.006	mg/L	Sous-traitance	
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Ammonia nitrogen (NH3-NH4)	0.01	mg N/L	Sous-traitance	Yes
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO3/L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Ammonia NH3 (non-ionized)	0.01	mg N/L	Sous-traitance	-
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Nitrate (NO3)	0.01	mg N/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes

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Quality control Report

Lab number: V-66011

Sample name: ST-EEM-2c TPS FB

Sampling date: July 23, 2017

Sampling location: TPS N 65.58.10.9. W 96.09.51.37.

Sampling hour: 12:00

Parameter	
Alkalinity mg CaCO3/L	Standard name STD alcalinité Result 147 Accuracy 98.6% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006 Standard name C00-046-705_X_1000 Result 1.20 Accuracy 80% Limit 0.800 - 1.200
Arsenic (As) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0974 Accuracy 97.4% Limit 0.0700 - 0.1300
Ammonia nitrogen (NH3-NH4) m	Blank <0.01 Standard name DMR-0343-2017-NH3-NH4 Result 2.25 Accuracy 94.4% Limit 1.81 - 2.45
Cadmium (Cd) mg/L	Blank <0.00002 Standard name C00-046-705_X_1000 Result 0.10286 Accuracy 97.1% Limit 0.0800 - 0.1200
Copper (Cu) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1048 Accuracy 95.2% Limit 0.0800 - 0.1200
Total Cyanide (CNt) mg/L	Blank <0.001 Standard name DMR-0343-CN Result 1.30 Accuracy 89.8% Limit 1.003 - 1.357
Iron (Fe) mg/L	Blank <0.01 Standard name C00-046-705_X_1000 Result 1.15 Accuracy 85% Limit 0.800 - 1.200
Total Suspended Solids mg/L	Blank <1

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Quality control Report

Lab number: V-66011

Sample name: ST-EEM-2c TPS FB

Sampling date: July 23, 2017

Sampling location: TPS N 65.58.10.9. W 96.09.51.37.

Sampling hour: 12:00

Parameter	
	Standard name STD-MES 25mg/L
	Result 26
	Accuracy 96%
	Limit 19 - 31
	Sample duplicate <1-<1
Mercury (Hg) mg/L	Blank <0.00001
	Standard name DMR-0343-2017-HgEu
	Result 0.00055
	Accuracy 78.6%
	Limit 0.00042 - 0.00098
Molybdenum (Mo) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0975
	Accuracy 97.5%
	Limit 0.0800 - 0.1200
Ammonia NH3 (non-ionized) mg	Blank <0.01
Nickel (Ni) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1046
	Accuracy 95.4%
	Limit 0.0800 - 0.1200
Nitrate (NO3) mg N/L	Blank <0.01
Lead (Pb) mg/L	Blank <0.0003
	Standard name C00-046-705_X_1000
	Result 0.0934
	Accuracy 93.4%
	Limit 0.0800 - 0.1200
Selenium (Se) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.101
	Accuracy 99%
	Limit 0.0800 - 0.1200
Zinc (Zn) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.112
	Accuracy 88%
	Limit 0.0800 - 0.1200

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Additional information

Lab number: V-66011

Sample name: ST-EEM-2c TPS FB

Sampling location: TPS N 65.58.10.9. W 96.09.51.37.

Sampling date: July 23, 2017

Sampling hour: 12:00

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-NH3-2.0	MA.300-N 2.0
M-CN-1.0	MA.300-CN 1.2
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-66023

Sampling location: EEM.2B

Sampling date: July 24, 2017

Sample name: EEM.2B

Sampling hour: N/D

Sampled by: N/D

Date received: July 25, 2017

Matrix: Waste Water

Drinking water distribution:

Reported on: September 11, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Lab number: V-66023

Sample name: EEM.2B

Sampling location: EEM.2B

Sampling date: July 24, 2017

Sampling hour: N/D

Parameter	Result	Method name	Analysis date
Lemna Minor - 7 jours	See sub file	Sous-traitance\Maxxam	July 27, 2017
Ceriodaphnia Dubia	See sub file	Sous-traitance\AGAT Saint Laurent	July 28, 2017
Fathead Minnow - 7day chronic	See sub file	Sous-traitance\AGAT Saint Laurent	July 27, 2017
Pseudok. subc.-72h (Canada)	See sub file	Sous-traitance\AGAT Saint Laurent	July 27, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Additional information

Lab number: V-66023
Sample name: EEM.2B
Sampling location: EEM.2B

Sampling date: July 24, 2017
Sampling hour: N/D

Lab method	Method reference

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-66023

Sampling location: EEM.2B

Sampling date: July 24, 2017

Sample name: EEM.2B

Sampling hour: N/D

Sampled by: N/D

Date received: July 25, 2017

Matrix: Waste Water

Drinking water distribution:

Reported on: September 11, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Lab number: V-66023

Sample name: EEM.2B

Sampling location: EEM.2B

Sampling date: July 24, 2017

Sampling hour: N/D

Parameter	Result	Method name	Analysis date
Lemna Minor - 7 jours	See sub file	Sous-traitance\Maxxam	July 27, 2017
Ceriodaphnia Dubia	See sub file	Sous-traitance\AGAT Saint Laurent	July 28, 2017
Fathead Minnow - 7day chronic	See sub file	Sous-traitance\AGAT Saint Laurent	July 27, 2017
Pseudok. subc.-72h (Canada)	See sub file	Sous-traitance\AGAT Saint Laurent	July 27, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Additional information

Lab number: V-66023
Sample name: EEM.2B
Sampling location: EEM.2B

Sampling date: July 24, 2017
Sampling hour: N/D

Lab method	Method reference

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-66014

Sampling location: ST-10 N 65 04.11.9 W 95 59.52.7

Sampling date: July 24, 2017

Sample name: ST-10/ST-MMER-2 FB

Sampling hour: 08:00

Sampled by: Martin Theriault

Date received: July 25, 2017

Matrix: Water

Drinking water distribution: **Vault**

Reported on: September 13, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Lab number: V-66014

Sample name: ST-10/ST-MMER-2 FB

Sampling date: July 24, 2017

Sampling location: ST-10 N 65 04.11.9 W 95 59.52.7

Sampling hour: 08:00

Parameter	Result	Method name	Analysis date
Alkalinity	10 mg CaCO ₃ /L	M-TIT-1.0	July 25, 2017
Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Antimony (Sb)	<0.0001 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Antimony (Sb)	<0.0001 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Arsenic (As)	0.0022 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	0.01 mg N/L	Sous-traitance\Multilab Direct	July 26, 2017
Kjeldahl nitrogen	<0.05 mg N/L	Sous-traitance\Multilab Direct	August 01, 2017
Barium (Ba)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Barium (Ba)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
bicarbonate (HCO ₃)	10 mg CaCO ₃ /L	M-TIT-1.0	July 25, 2017
Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Calcium (Ca)	<0.03 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Carbonate (CO ₃)	<2 mg CaCO ₃ /L	M-TIT-1.0	July 25, 2017
Dissolved Organic Carbon (D.O.C.)	0.3 mg/L	M-COT-1.0	July 25, 2017
Total Organic Carbon (T.O.C.)	0.5 mg/L	M-COT-1.0	July 25, 2017
Chloride	<0.5 mg/L	Sous-traitance\Multilab Direct	July 26, 2017
Chrome (Cr)	0.0011 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Chromium (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Copper (Cu)	0.0063 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Copper (Cu)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Total Cyanide (CNT)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 28, 2017
Hardness	<1 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	July 31, 2017
Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
dissolved Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Iron (Fe)	<0.01 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Iron (Fe)	<0.01 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	September 12, 2017
Dissolved Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	August 11, 2017
Total Suspended Solids	1 mg/L	M-SOLI-1.0	July 26, 2017
Magnesium (Mg)	<0.02 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Manganese (Mn)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Manganese (Mn)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	August 16, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Analytical Report

Lab number: V-66014

Sample name: ST-10/ST-MMER-2 FB

Sampling date: July 24, 2017

Sampling location: ST-10 N 65 04.11.9 W 95 59.52.7

Sampling hour: 08:00

Parameter	Result	Method name	Analysis date
Dissolved Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	August 17, 2017
Molybdenum (Mo)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Molybdenum (Mo)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Ammonia NH3 (non-ionized)	<0.01 mg N/L	Sous-traitance\Multilab Direct	July 26, 2017
Nickel (Ni)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Nickel (Ni)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Nitrate (NO3)	<0.01 mg N/L	Sous-traitance\Multilab Direct	July 26, 2017
Nitrite (NO2)	<0.01 mg N/L	Sous-traitance\Multilab Direct	July 26, 2017
Ortho-Phosphate (O-PO4)	<0.01 mg P/L	Sous-traitance\Multilab Direct	July 26, 2017
Total Phosphorus (P)	0.02 mg P/L	Sous-traitance\Multilab Direct	July 27, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Potassium (K)	<0.05 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Radium (Ra 226)	<0.002 Becquerels/L	M-RA-2.0	August 07, 2017
Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Reactive silica (SiO2)	0.11 mg/L	Sous-traitance\Maxxam	August 01, 2017
Sodium (Na)	<0.05 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Solids	<1 mg/L	M-TIT-1.0	July 25, 2017
Strontium (Sr)	<0.005 mg/L	Sous-traitance\Multilab Direct	September 12, 2017
dissolved Strontium (Sr)	<0.005 mg/L	Sous-traitance\Multilab Direct	August 11, 2017
Sulfate (SO4)	0.9 mg SO4/L	Sous-traitance\Multilab Direct	July 27, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	September 12, 2017
Dissolved thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	August 11, 2017
Titanium (Ti)	<0.01 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved titanium (Ti)	<0.01 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Uranium (U)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Uranium (U)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Vanadium (V)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Vanadium	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Zinc (Zn)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Zinc	<0.001 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Hydrocarbons (C10-C50)	<0.3 mg/L	Sous-traitance\Environex	July 26, 2017

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Detection limit

Lab number: V-66014

Sample name: ST-10/ST-MMER-2 FB

Sampling date: July 24, 2017

Sampling location: ST-10 N 65 04.11.9 W 95 59.52.7

Sampling hour: 08:00

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO ₃ /L	M-TIT-1.0	
Aluminium (Al)	0.003	mg/L	Sous-traitance	
Dissolved Aluminium (Al)	0.003	mg/L	Sous-traitance	
Antimony (Sb)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Antimony (Sb)	0.0001	mg/L	Sous-traitance	
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Arsenic (As)	0.0005	mg/L	Sous-traitance	
Ammonia nitrogen (NH ₃ -NH ₄)	0.01	mg N/L	Sous-traitance	Yes
Kjeldahl nitrogen	0.05	mg N/L	Sous-traitance	Yes
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Barium (Ba)	0.0005	mg/L	Sous-traitance	
Beryllium (Be)	0.0005	mg/L	Sous-traitance	
Dissolved Beryllium (Be)	0.0005	mg/L	Sous-traitance	
bicarbonate (HCO ₃)	2	mg CaCO ₃ /L	M-TIT-1.0	
Boron (B)	0.01	mg/L	Sous-traitance	Yes
Dissolved Boron (B)	0.01	mg/L	Sous-traitance	
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Dissolved Cadmium (Cd)	0.00002	mg/L	Sous-traitance	
Calcium (Ca)	0.03	mg/L	Sous-traitance	Yes
Carbonate (CO ₃)	2	mg CaCO ₃ /L	M-TIT-1.0	
Dissolved Organic Carbon (D.O.C.)	0.2	mg/L	M-COT-1.0	--
Total Organic Carbon (T.O.C.)	0.2	mg/L	M-COT-1.0	Yes
Chloride	0.5	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Dissolved Chromium (Cr)	0.0006	mg/L	Sous-traitance	
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Copper (Cu)	0.0005	mg/L	Sous-traitance	
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO ₃ /L	Sous-traitance	
Tin (Sn)	0.001	mg/L	Sous-traitance	Yes
dissolved Tin (Sn)	0.001	mg/L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes
Dissolved Iron (Fe)	0.01	mg/L	Sous-traitance	
Lithium (Li)	0.005	mg/L	Sous-traitance	
Dissolved Lithium (Li)	0.005	mg/L	Sous-traitance	
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Magnesium (Mg)	0.02	mg/L	Sous-traitance	Yes
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Manganese (Mn)	0.0005	mg/L	Sous-traitance	
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Detection limit

Lab number: V-66014

Sample name: ST-10/ST-MMER-2 FB

Sampling date: July 24, 2017

Sampling location: ST-10 N 65 04.11.9 W 95 59.52.7

Sampling hour: 08:00

Parameter	Value	Unit	Method	Accreditation
Dissolved Mercury (Hg)	0.00001	mg/L	Sous-traitance	
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	
Ammonia NH3 (non-ionized)	0.01	mg N/L	Sous-traitance	-
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Nickel (Ni)	0.0005	mg/L	Sous-traitance	
Nitrate (NO3)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO2)	0.01	mg N/L	Sous-traitance	Yes
Ortho-Phosphate (O-PO4)	0.01	mg P/L	Sous-traitance	Yes
Total Phosphorus (P)	0.01	mg P/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Dissolved Lead (Pb)	0.0003	mg/L	Sous-traitance	
Potassium (K)	0.05	mg/L	Sous-traitance	
Radium (Ra 226)	0.002	Becquerels/L	M-RA-2.0	Yes
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Dissolved Selenium (Se)	0.001	mg/L	Sous-traitance	
Reactive silica (SiO2)		mg/L	Sous-traitance	
Sodium (Na)	0.05	mg/L	Sous-traitance	Yes
Dissolved Solids	1	mg/L	M-TIT-1.0	
Strontium (Sr)	0.005	mg/L	Sous-traitance	
dissolved Strontium (Sr)	0.005	mg/L	Sous-traitance	
Sulfate (SO4)	0.6	mg SO4/L	Sous-traitance	Yes
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Dissolved thallium (Tl)	0.0008	mg/L	Sous-traitance	
Titanium (Ti)	0.01	mg/L	Sous-traitance	
Dissolved titanium (Ti)	0.01	mg/L	Sous-traitance	
Uranium (U)	0.001	mg/L	Sous-traitance	
Dissolved Uranium (U)	0.001	mg/L	Sous-traitance	
Vanadium (V)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Vanadium	0.0005	mg/L	Sous-traitance	
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes
Dissolved Zinc	0.001	mg/L	Sous-traitance	
Hydrocarbons (C10-C50)	0.3	mg/L	Sous-traitance	

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Quality control Report

Lab number: V-66014

Sample name: ST-10/ST-MMER-2 FB

Sampling date: July 24, 2017

Sampling location: ST-10 N 65 04.11.9 W 95 59.52.7

Sampling hour: 08:00

Parameter	
Alkalinity mg CaCO3/L	Standard name STD alcalinité Result 147 Accuracy 98.6% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006
	Standard name C00-046-705_X_1000 Result 1.09 Accuracy 91% Limit 0.800 - 1.200
Dissolved Aluminium (Al) mg/L	Blank <0.006
	Standard name DMR-0219-2017-Eu Result 7.29 Accuracy 83.7% Limit 5.02 - 7.52
Antimony (Sb) mg/L	Blank <0.0001
	Standard name C00-046-705_X_1000 Result 0.0102 Accuracy 98% Limit 0.0080 - 0.0120
Dissolved Antimony (Sb) mg/L	Blank <0.0001
	Standard name DMR-0219-2017-Eu Result 0.1825 Accuracy 82.2% Limit 0.178 - 0.266
Arsenic (As) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000 Result 0.0967 Accuracy 96.7% Limit 0.0700 - 0.1300
Dissolved Arsenic (As) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu Result 0.3349 Accuracy 82.1% Limit 0.199 - 0.369
Ammonia nitrogen (NH3-NH4) m	Blank <0.01
	Standard name DMR-0343-2017-NH3-NH4 Result 2.25 Accuracy 94.4% Limit 1.81 - 2.45
Kjeldahl nitrogen mg N/L	Blank <0.05

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Quality control Report

Lab number: V-66014

Sample name: ST-10/ST-MMER-2 FB

Sampling date: July 24, 2017

Sampling location: ST-10 N 65 04.11.9 W 95 59.52.7

Sampling hour: 08:00

Parameter	
	Standard name DMR-0343-2017-NTK
	Result 5.77
	Accuracy 98.2%
	Limit 4.82 - 6.52
Barium (Ba) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1027
	Accuracy 97.3%
	Limit 0.0800 - 0.1200
Dissolved Barium (Ba) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 2.583
	Accuracy 93.7%
	Limit 1.94 - 2.92
Beryllium (Be) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1110
	Accuracy 89%
	Limit 0.0800 - 0.1200
Dissolved Beryllium (Be) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.998
	Accuracy 82.5%
	Limit 1.36 - 2.04
Boron (B) mg/L	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.12
	Accuracy 88%
	Limit 0.800 - 1.200
Dissolved Boron (B) mg/L	Blank <0.01
	Standard name DMR-0219-2017-Eu
	Result 3.31
	Accuracy 85.1%
	Limit 2.30 - 3.46
Cadmium (Cd) mg/L	Blank <0.00002
	Standard name C00-046-705_X_1000
	Result 0.10512
	Accuracy 94.9%
	Limit 0.0800 - 0.1200
Dissolved Cadmium (Cd) mg/L	Blank <0.00002

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Quality control Report

Lab number: V-66014

Sample name: ST-10/ST-MMER-2 FB

Sampling date: July 24, 2017

Sampling location: ST-10 N 65 04.11.9 W 95 59.52.7

Sampling hour: 08:00

Parameter	
	Standard name DMR-0219-2017-Eu
	Result 1.0034
	Accuracy 88.6%
	Limit 0.721 - 1.081
Calcium (Ca) mg/L	Blank <0.03
	Standard name C00-046-705_X_1000
	Result 1.01
	Accuracy 99%
	Limit 0.800 - 1.200
Dissolved Organic Carbon (D.O.C.) mg/L	Blank <0.2
	Standard name COD 10mg/L
	Result 11
	Accuracy 90%
	Limit 8 - 12
Total Organic Carbon (T.O.C.) mg/L	Blank <0.2
	Standard name COT 10mg/L
	Result 11
	Accuracy 90%
	Limit 8 - 12
Chloride mg/L	Blank <0.5
	Standard name DMR-0343-2017-CI
	Result 107
	Accuracy 99.1%
	Limit 95 - 121
	Sample duplicate <0.5-<0.5
Chrome (Cr) mg/L	Blank <0.0006
	Standard name C00-046-705_X_1000
	Result 0.1017
	Accuracy 98.3%
	Limit 0.0800 - 0.1200
Dissolved Chromium (Cr) mg/L	Blank <0.0006
	Standard name DMR-0219-2017-Eu
	Result 4.467
	Accuracy 89.7%
	Limit 3.24 - 4.86
Copper (Cu) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1046
	Accuracy 95.4%
	Limit 0.0800 - 0.1200

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Quality control Report

Lab number: V-66014

Sample name: ST-10/ST-MMER-2 FB

Sampling date: July 24, 2017

Sampling location: ST-10 N 65 04.11.9 W 95 59.52.7

Sampling hour: 08:00

Parameter	
Dissolved Copper (Cu) mg/L	Blank <0.0005 Standard name DMR-0219-2017-Eu Result 1.474 Accuracy 84.8% Limit 1.02 - 1.54
Total Cyanide (CNT) mg/L	Blank <0.001 Standard name DMR-0343-CN Result 1.30 Accuracy 89.8% Limit 1.003 - 1.357
Tin (Sn) mg/L	Blank <0.001 Standard name C00-046-705_X_1000 Result 0.092 Accuracy 92% Limit 0.0800 - 0.1200
dissolved Tin (Sn) mg/L	Blank <0.001
Iron (Fe) mg/L	Blank <0.01 Standard name C00-046-705_X_1000 Result 1.17 Accuracy 83% Limit 0.800 - 1.200
Dissolved Iron (Fe) mg/L	Blank <0.01 Standard name DMR-0219-2017-Eu Result 9.49 Accuracy 83.2% Limit 9.1 - 13.7
Lithium (Li) mg/L	Blank <0.005 Standard name DMR-0219-2017-Eu Result 0.799 Accuracy 94.4% Limit 0.677 - 1.015
Dissolved Lithium (Li) mg/L	Blank <0.005 Standard name DMR-0219-2017-Eu Result 0.848 Accuracy 99.8% Limit 0.677 - 1.015
Total Suspended Solids mg/L	Blank <1 Standard name STD-MES 25mg/L Result 26 Accuracy 96%

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Quality control Report

Lab number: V-66014

Sample name: ST-10/ST-MMER-2 FB

Sampling date: July 24, 2017

Sampling location: ST-10 N 65 04.11.9 W 95 59.52.7

Sampling hour: 08:00

Parameter	
Magnesium (Mg) mg/L	Limit 19 - 31
	Blank <0.02
	Standard name C00-046-705_X_1000
	Result 1.07
	Accuracy 93%
Manganese (Mn) mg/L	Limit 0.800 - 1.200
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1016
	Accuracy 98.4%
Dissolved Manganese (Mn) mg/L	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 4.237
	Accuracy 91.4%
Mercury (Hg) mg/L	Limit 3.12 - 4.68
	Blank <0.00001
	Standard name DMR-0343-2017-HgEu
	Result 0.00055
	Accuracy 78.6%
Dissolved Mercury (Hg) mg/L	Limit 0.00042 - 0.00098
	Blank <0.00001
	Standard name DMR-0343-2017-HgEu
	Result 0.00050
	Accuracy 71.4%
Molybdenum (Mo) mg/L	Limit 0.00042 - 0.00098
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0988
	Accuracy 98.8%
Dissolved Molybdenum (Mo) mg/	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 0.6620
	Accuracy 93.5%
Ammonia NH3 (non-ionized) mg	Limit 0.566 - 0.850
	Blank <0.01
Nickel (Ni) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1045

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Quality control Report

Lab number: V-66014

Sample name: ST-10/ST-MMER-2 FB

Sampling date: July 24, 2017

Sampling location: ST-10 N 65 04.11.9 W 95 59.52.7

Sampling hour: 08:00

Parameter	
Dissolved Nickel (Ni) mg/L	Accuracy 95.5%
	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.242
Nitrate (NO ₃) mg N/L	Accuracy 91.1%
	Limit 0.91 - 1.37
	Blank <0.01
	Sample duplicate <0.01-<0.01
Nitrite (NO ₂) mg N/L	Blank <0.01
	Standard name DMR-0343-2017-NO2
	Result 2.67
	Accuracy 98.5%
Ortho-Phosphate (O-PO ₄) mg P/	Limit 2.30 - 3.12
	Sample duplicate <0.01-<0.01
	Blank <0.01
	Standard name DMR-0343-2017-OPO4
Total Phosphorus (P) mg P/L	Result 3.04
	Accuracy 95.3%
	Limit 2.81 - 3.57
	Blank <0.01
Lead (Pb) mg/L	Standard name DMR-0343-2017-Ptotal
	Result 1.16
	Accuracy 98.2%
	Limit 1.00 - 1.28
Dissolved Lead (Pb) mg/L	Blank <0.0003
	Standard name C00-046-705_X_1000
	Result 0.0898
	Accuracy 89.8%
Potassium (K) mg/L	Limit 0.0800 - 0.1200
	Blank <0.0003
	Standard name DMR-0219-2017-Eu
	Result 0.8908
Potassium (K) mg/L	Accuracy 98.6%
	Limit 0.722 - 1.084
	Blank <0.05
	Standard name C00-046-705_X_1000
Potassium (K) mg/L	Result 0.95
	Accuracy 95%
	Limit 0.800 - 1.200
	Blank <0.05

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Quality control Report

Lab number: V-66014

Sample name: ST-10/ST-MMER-2 FB

Sampling date: July 24, 2017

Sampling location: ST-10 N 65 04.11.9 W 95 59.52.7

Sampling hour: 08:00

Parameter

Radium (Ra 226) Becquerels/L	Blank <0.002 Standard name STD 54981 Result 0.0720 Accuracy 87.6% Limit 0.0699 - 0.0945
Selenium (Se) mg/L	Blank <0.001 Standard name C00-046-705_X_1000 Result 0.102 Accuracy 98% Limit 0.0800 - 0.1200
Dissolved Selenium (Se) mg/L	Blank <0.001 Standard name DMR-0219-2017-Eu Result 1.55 Accuracy 85.2% Limit 1.08 - 1.62
Sodium (Na) mg/L	Blank <0.05 Standard name C00-046-705_X_1000 Result 1.04 Accuracy 96% Limit 0.800 - 1.200
Strontium (Sr) mg/L	Blank <0.005 Standard name DMR-0219-2017-Eu Result 1.24 Accuracy 99.2% Limit 0.98 - 1.48
dissolved Strontium (Sr) mg/L	Blank <0.005 Standard name DMR-0219-2017-Eu Result 1.31 Accuracy 93.5% Limit 0.98 - 1.48
Sulfate (SO4) mg SO4/L	Blank <0.6 Standard name DMR-0343-2017-SO4 Result 117 Accuracy 95.1% Limit 114 - 132
Thallium (Tl) mg/L	Blank <0.0008 Standard name Tl-S140909023-1000ppm Result 923 Accuracy 92.3% Limit 800 - 1200

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Quality control Report

Lab number: V-66014

Sample name: ST-10/ST-MMER-2 FB

Sampling date: July 24, 2017

Sampling location: ST-10 N 65 04.11.9 W 95 59.52.7

Sampling hour: 08:00

Parameter	
Dissolved thallium (Tl) mg/L	Blank <0.0008 Standard name TI-S140909023-1000ppm Result 822 Accuracy 82.2% Limit 800 - 1200
Titanium (Ti) mg/L	Blank <0.01
Dissolved titanium (Ti) mg/L	Blank <0.01
Uranium (U) mg/L	Blank <0.001 Standard name C00-046-705_X_1000 Result 0.100 Accuracy 100% Limit 0.0800 - 0.1200
Dissolved Uranium (U) mg/L	Blank <0.001 Standard name DMR-0219-2017-Eu Result 1.79 Accuracy 98.3% Limit 1.41 - 2.11
Vanadium (V) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1047 Accuracy 95.3% Limit 0.0800 - 0.1200
Dissolved Vanadium mg/L	Blank <0.0005 Standard name DMR-0219-2017-Eu Result 2.137 Accuracy 92.6% Limit 1.59 - 2.39
Zinc (Zn) mg/L	Blank <0.001 Standard name C00-046-705_X_1000 Result 0.106 Accuracy 94% Limit 0.0800 - 0.1200
Dissolved Zinc mg/L	Blank <0.001 Standard name DMR-0219-2017-Eu Result 5.28 Accuracy 84.2% Limit 3.65 - 5.47

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Additional information

Lab number: V-66014

Sample name: ST-10/ST-MMER-2 FB

Sampling date: July 24, 2017

Sampling location: ST-10 N 65 04.11.9 W 95 59.52.7

Sampling hour: 08:00

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-NH3-2.0	MA.300-N 2.0
M-CL-2.0	MA.300-Ions 1.3
M-CN-1.0	MA.300-CN 1.2
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-P-2.0	MA.303-P 1.1
M-P-3.0	MA. 315-P 2.0
M-RA-2.0	APHA 7500-Ra B et EPA P.13 (EMSL-CI)
M-SULF-2.0	MA.300-Ions 1.3

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-66013

Sampling location: ST-10 N 65 04.11.9 W 95 59.52.7

Sampling date: July 24, 2017

Sample name: ST-10/ST-MMER-2 DUP

Sampling hour: 08:00

Sampled by: Martin Theriault

Date received: July 25, 2017

Matrix: Water

Drinking water distribution: **Vault**

Reported on: August 21, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

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Analytical Report

Lab number: V-66013

Sample name: ST-10/ST-MMER-2 DUP

Sampling date: July 24, 2017

Sampling location: ST-10 N 65 04.11.9 W 95 59.52.7

Sampling hour: 08:00

Parameter	Result	Method name	Analysis date
Alkalinity	53 mg CaCO ₃ /L	M-TIT-1.0	July 25, 2017
Aluminium (Al)	0.081 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Aluminium (Al)	0.018 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Antimony (Sb)	0.0012 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Antimony (Sb)	0.0012 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Arsenic (As)	0.0010 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	1.04 mg N/L	Sous-traitance\Multilab Direct	July 26, 2017
Kjeldahl nitrogen	1.10 mg N/L	Sous-traitance\Multilab Direct	August 01, 2017
Barium (Ba)	0.0197 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Barium (Ba)	0.0168 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
bicarbonate (HCO ₃)	53 mg CaCO ₃ /L	M-TIT-1.0	July 25, 2017
Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Cadmium (Cd)	0.00006 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Cadmium (Cd)	0.00003 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Calcium (Ca)	22.8 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Carbonate (CO ₃)	<2 mg CaCO ₃ /L	M-TIT-1.0	July 25, 2017
Dissolved Organic Carbon (D.O.C.)	5.1 mg/L	M-COT-1.0	July 25, 2017
Total Organic Carbon (T.O.C.)	5.1 mg/L	M-COT-1.0	July 25, 2017
Chloride	6.2 mg/L	Sous-traitance\Multilab Direct	July 26, 2017
Chrome (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Chromium (Cr)	0.0006 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Copper (Cu)	0.0030 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Copper (Cu)	0.0027 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Total Cyanide (CNT)	0.001 mg/L	Sous-traitance\Multilab Direct	July 28, 2017
Hardness	80 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	July 31, 2017
Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
dissolved Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Iron (Fe)	0.19 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Iron (Fe)	0.04 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	August 11, 2017
Dissolved Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	August 11, 2017
Total Suspended Solids	2 mg/L	M-SOLI-1.0	July 26, 2017
Magnesium (Mg)	5.70 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Manganese (Mn)	0.0557 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Manganese (Mn)	0.0496 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	August 16, 2017

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Analytical Report

Lab number: V-66013

Sample name: ST-10/ST-MMER-2 DUP

Sampling date: July 24, 2017

Sampling location: ST-10 N 65 04.11.9 W 95 59.52.7

Sampling hour: 08:00

Parameter	Result	Method name	Analysis date
Dissolved Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	August 17, 2017
Molybdenum (Mo)	0.0103 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Molybdenum (Mo)	0.0099 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Ammonia NH3 (non-ionized)	0.01 mg N/L	Sous-traitance\Multilab Direct	July 26, 2017
Nickel (Ni)	0.0051 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Nickel (Ni)	0.0047 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Nitrate (NO3)	2.86 mg N/L	Sous-traitance\Multilab Direct	July 26, 2017
Nitrite (NO2)	0.04 mg N/L	Sous-traitance\Multilab Direct	July 26, 2017
Ortho-Phosphate (O-PO4)	<0.01 mg P/L	Sous-traitance\Multilab Direct	July 26, 2017
Total Phosphorus (P)	0.02 mg P/L	Sous-traitance\Multilab Direct	July 27, 2017
Lead (Pb)	0.0038 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Potassium (K)	3.02 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Radium (Ra 226)	<0.002 Becquerels/L	M-RA-2.0	August 07, 2017
Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Reactive silica (SiO2)	1.5 mg/L	Sous-traitance\Maxxam	August 01, 2017
Sodium (Na)	3.02 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Solids	141 mg/L	M-TIT-1.0	July 25, 2017
Strontium (Sr)	0.114 mg/L	Sous-traitance\Multilab Direct	August 11, 2017
dissolved Strontium (Sr)	0.134 mg/L	Sous-traitance\Multilab Direct	August 11, 2017
Sulfate (SO4)	40.8 mg SO4/L	Sous-traitance\Multilab Direct	July 27, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	August 11, 2017
Dissolved thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	August 11, 2017
Titanium (Ti)	0.02 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved titanium (Ti)	0.02 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Uranium (U)	0.002 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Uranium (U)	0.002 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Vanadium (V)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Vanadium	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Zinc (Zn)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Zinc	<0.001 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Hydrocarbons (C10-C50)	<0.3 mg/L	Sous-traitance\Environex	July 26, 2017

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Detection limit

Lab number: V-66013

Sample name: ST-10/ST-MMER-2 DUP

Sampling date: July 24, 2017

Sampling location: ST-10 N 65 04.11.9 W 95 59.52.7

Sampling hour: 08:00

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO ₃ /L	M-TIT-1.0	
Aluminium (Al)	0.006	mg/L	Sous-traitance	
Dissolved Aluminium (Al)	0.006	mg/L	Sous-traitance	
Antimony (Sb)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Antimony (Sb)	0.0001	mg/L	Sous-traitance	
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Arsenic (As)	0.0005	mg/L	Sous-traitance	
Ammonia nitrogen (NH ₃ -NH ₄)	0.01	mg N/L	Sous-traitance	Yes
Kjeldahl nitrogen	0.05	mg N/L	Sous-traitance	Yes
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Barium (Ba)	0.0005	mg/L	Sous-traitance	
Beryllium (Be)	0.0005	mg/L	Sous-traitance	
Dissolved Beryllium (Be)	0.0005	mg/L	Sous-traitance	
bicarbonate (HCO ₃)	2	mg CaCO ₃ /L	M-TIT-1.0	
Boron (B)	0.01	mg/L	Sous-traitance	Yes
Dissolved Boron (B)	0.01	mg/L	Sous-traitance	
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Dissolved Cadmium (Cd)	0.00002	mg/L	Sous-traitance	
Calcium (Ca)	0.03	mg/L	Sous-traitance	Yes
Carbonate (CO ₃)	2	mg CaCO ₃ /L	M-TIT-1.0	
Dissolved Organic Carbon (D.O.C.)	0.2	mg/L	M-COT-1.0	--
Total Organic Carbon (T.O.C.)	0.2	mg/L	M-COT-1.0	Yes
Chloride	0.5	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Dissolved Chromium (Cr)	0.0006	mg/L	Sous-traitance	
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Copper (Cu)	0.0005	mg/L	Sous-traitance	
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO ₃ /L	Sous-traitance	
Tin (Sn)	0.001	mg/L	Sous-traitance	Yes
dissolved Tin (Sn)	0.001	mg/L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes
Dissolved Iron (Fe)	0.01	mg/L	Sous-traitance	
Lithium (Li)	0.005	mg/L	Sous-traitance	
Dissolved Lithium (Li)	0.005	mg/L	Sous-traitance	
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Magnesium (Mg)	0.02	mg/L	Sous-traitance	Yes
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Manganese (Mn)	0.0005	mg/L	Sous-traitance	
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes

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Detection limit

Lab number: V-66013

Sample name: ST-10/ST-MMER-2 DUP

Sampling date: July 24, 2017

Sampling location: ST-10 N 65 04.11.9 W 95 59.52.7

Sampling hour: 08:00

Parameter	Value	Unit	Method	Accreditation
Dissolved Mercury (Hg)	0.00001	mg/L	Sous-traitance	
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	
Ammonia NH3 (non-ionized)	0.01	mg N/L	Sous-traitance	-
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Nickel (Ni)	0.0005	mg/L	Sous-traitance	
Nitrate (NO3)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO2)	0.01	mg N/L	Sous-traitance	Yes
Ortho-Phosphate (O-PO4)	0.01	mg P/L	Sous-traitance	Yes
Total Phosphorus (P)	0.01	mg P/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Dissolved Lead (Pb)	0.0003	mg/L	Sous-traitance	
Potassium (K)	0.05	mg/L	Sous-traitance	
Radium (Ra 226)	0.002	Becquerels/L	M-RA-2.0	Yes
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Dissolved Selenium (Se)	0.001	mg/L	Sous-traitance	
Reactive silica (SiO2)		mg/L	Sous-traitance	
Sodium (Na)	0.05	mg/L	Sous-traitance	Yes
Dissolved Solids	1	mg/L	M-TIT-1.0	
Strontium (Sr)	0.005	mg/L	Sous-traitance	
dissolved Strontium (Sr)	0.005	mg/L	Sous-traitance	
Sulfate (SO4)	0.6	mg SO4/L	Sous-traitance	Yes
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Dissolved thallium (Tl)	0.0008	mg/L	Sous-traitance	
Titanium (Ti)	0.01	mg/L	Sous-traitance	
Dissolved titanium (Ti)	0.01	mg/L	Sous-traitance	
Uranium (U)	0.001	mg/L	Sous-traitance	
Dissolved Uranium (U)	0.001	mg/L	Sous-traitance	
Vanadium (V)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Vanadium	0.0005	mg/L	Sous-traitance	
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes
Dissolved Zinc	0.001	mg/L	Sous-traitance	
Hydrocarbons (C10-C50)		mg/L	Sous-traitance	

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Quality control Report

Lab number: V-66013

Sample name: ST-10/ST-MMER-2 DUP

Sampling date: July 24, 2017

Sampling location: ST-10 N 65 04.11.9 W 95 59.52.7

Sampling hour: 08:00

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 147 Accuracy 98.6% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006
	Standard name C00-046-705_X_1000 Result 1.09 Accuracy 91% Limit 0.800 - 1.200
Dissolved Aluminium (Al) mg/L	Blank <0.006
	Standard name DMR-0219-2017-Eu Result 7.29 Accuracy 83.7% Limit 5.02 - 7.52
Antimony (Sb) mg/L	Blank <0.0001
	Standard name C00-046-705_X_1000 Result 0.0102 Accuracy 98% Limit 0.0080 - 0.0120
Dissolved Antimony (Sb) mg/L	Blank <0.0001
	Standard name DMR-0219-2017-Eu Result 0.1825 Accuracy 82.2% Limit 0.178 - 0.266
Arsenic (As) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000 Result 0.0967 Accuracy 96.7% Limit 0.0700 - 0.1300
Dissolved Arsenic (As) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu Result 0.3349 Accuracy 82.1% Limit 0.199 - 0.369
Ammonia nitrogen (NH ₃ -NH ₄) m	Blank <0.01
	Standard name DMR-0343-2017-NH ₃ -NH ₄ Result 2.25 Accuracy 94.4% Limit 1.81 - 2.45
Kjeldahl nitrogen mg N/L	Blank <0.05

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Quality control Report

Lab number: V-66013

Sample name: ST-10/ST-MMER-2 DUP

Sampling date: July 24, 2017

Sampling location: ST-10 N 65 04.11.9 W 95 59.52.7

Sampling hour: 08:00

Parameter	
	Standard name DMR-0343-2017-NTK
	Result 5.77
	Accuracy 98.2%
	Limit 4.82 - 6.52
Barium (Ba) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1027
	Accuracy 97.3%
	Limit 0.0800 - 0.1200
Dissolved Barium (Ba) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 2.583
	Accuracy 93.7%
	Limit 1.94 - 2.92
Beryllium (Be) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1110
	Accuracy 89%
	Limit 0.0800 - 0.1200
Dissolved Beryllium (Be) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.998
	Accuracy 82.5%
	Limit 1.36 - 2.04
Boron (B) mg/L	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.12
	Accuracy 88%
	Limit 0.800 - 1.200
Dissolved Boron (B) mg/L	Blank <0.01
	Standard name DMR-0219-2017-Eu
	Result 3.31
	Accuracy 85.1%
	Limit 2.30 - 3.46
Cadmium (Cd) mg/L	Blank <0.00002
	Standard name C00-046-705_X_1000
	Result 0.10512
	Accuracy 94.9%
	Limit 0.0800 - 0.1200
Dissolved Cadmium (Cd) mg/L	Blank <0.00002

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Quality control Report

Lab number: V-66013

Sample name: ST-10/ST-MMER-2 DUP

Sampling date: July 24, 2017

Sampling location: ST-10 N 65 04.11.9 W 95 59.52.7

Sampling hour: 08:00

Parameter	
	Standard name DMR-0219-2017-Eu
	Result 1.0034
	Accuracy 88.6%
	Limit 0.721 - 1.081
Calcium (Ca) mg/L	Blank <0.03
	Standard name C00-046-705_X_1000
	Result 1.01
	Accuracy 99%
	Limit 0.800 - 1.200
Dissolved Organic Carbon (D.O.C.) mg/L	Blank <0.2
	Standard name COD 10mg/L
	Result 11
	Accuracy 90%
	Limit 8 - 12
Total Organic Carbon (T.O.C.) mg/L	Blank <0.2
	Standard name COT 10mg/L
	Result 11
	Accuracy 90%
	Limit 8 - 12
Chloride mg/L	Blank <0.5
	Standard name DMR-0343-2017-CI
	Result 107
	Accuracy 99.1%
	Limit 95 - 121
Chrome (Cr) mg/L	Blank <0.0006
	Standard name C00-046-705_X_1000
	Result 0.1017
	Accuracy 98.3%
	Limit 0.0800 - 0.1200
Dissolved Chromium (Cr) mg/L	Blank <0.0006
	Standard name DMR-0219-2017-Eu
	Result 4.467
	Accuracy 89.7%
	Limit 3.24 - 4.86
Copper (Cu) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1046
	Accuracy 95.4%
	Limit 0.0800 - 0.1200
Dissolved Copper (Cu) mg/L	Blank <0.0005

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Quality control Report

Lab number: V-66013

Sample name: ST-10/ST-MMER-2 DUP

Sampling date: July 24, 2017

Sampling location: ST-10 N 65 04.11.9 W 95 59.52.7

Sampling hour: 08:00

Parameter	
	Standard name DMR-0219-2017-Eu
	Result 1.474
	Accuracy 84.8%
	Limit 1.02 - 1.54
Total Cyanide (CNT) mg/L	Blank <0.001
	Standard name DMR-0343-CN
	Result 1.30
	Accuracy 89.8%
	Limit 1.003 - 1.357
Tin (Sn) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.092
	Accuracy 92%
	Limit 0.0800 - 0.1200
dissolved Tin (Sn) mg/L	Blank <0.001
Iron (Fe) mg/L	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.17
	Accuracy 83%
	Limit 0.800 - 1.200
Dissolved Iron (Fe) mg/L	Blank <0.01
	Standard name DMR-0219-2017-Eu
	Result 9.49
	Accuracy 83.2%
	Limit 9.1 - 13.7
Lithium (Li) mg/L	Blank <0.005
	Standard name DMR-0219-2017-Eu
	Result 0.780
	Accuracy 92.2%
	Limit 0.677 - 1.015
Dissolved Lithium (Li) mg/L	Blank <0.005
	Standard name DMR-0219-2017-Eu
	Result 0.848
	Accuracy 99.8%
	Limit 0.677 - 1.015
Total Suspended Solids mg/L	Blank <1
	Standard name STD-MES 25mg/L
	Result 26
	Accuracy 96%
	Limit 19 - 31

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Quality control Report

Lab number: V-66013

Sample name: ST-10/ST-MMER-2 DUP

Sampling date: July 24, 2017

Sampling location: ST-10 N 65 04.11.9 W 95 59.52.7

Sampling hour: 08:00

Parameter	
Magnesium (Mg) mg/L	Blank <0.02 Standard name C00-046-705_X_1000 Result 1.07 Accuracy 93% Limit 0.800 - 1.200
Manganese (Mn) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1016 Accuracy 98.4% Limit 0.0800 - 0.1200
Dissolved Manganese (Mn) mg/L	Blank <0.0005 Standard name DMR-0219-2017-Eu Result 4.237 Accuracy 91.4% Limit 3.12 - 4.68
Mercury (Hg) mg/L	Blank <0.00001 Standard name DMR-0343-2017-HgEu Result 0.00055 Accuracy 78.6% Limit 0.00042 - 0.00098
Dissolved Mercury (Hg) mg/L	Blank <0.00001 Standard name DMR-0343-2017-HgEu Result 0.00050 Accuracy 71.4% Limit 0.00042 - 0.00098
Molybdenum (Mo) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0988 Accuracy 98.8% Limit 0.0800 - 0.1200
Dissolved Molybdenum (Mo) mg/L	Blank <0.0005 Standard name DMR-0219-2017-Eu Result 0.6620 Accuracy 93.5% Limit 0.566 - 0.850
Ammonia NH3 (non-ionized) mg	Blank <0.01
Nickel (Ni) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1045 Accuracy 95.5%

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Quality control Report

Lab number: V-66013

Sample name: ST-10/ST-MMER-2 DUP

Sampling date: July 24, 2017

Sampling location: ST-10 N 65 04.11.9 W 95 59.52.7

Sampling hour: 08:00

Parameter	
Dissolved Nickel (Ni) mg/L	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.242
	Accuracy 91.1%
Nitrate (NO3) mg N/L Nitrite (NO2) mg N/L	Limit 0.91 - 1.37
	Blank <0.01
	Blank <0.01
	Standard name DMR-0343-2017-NO2
	Result 2.67
Accuracy 98.5%	
Ortho-Phosphate (O-PO4) mg P/	Limit 2.30 - 3.12
	Blank <0.01
	Standard name DMR-0343-2017-OPO4
	Result 3.04
	Accuracy 95.3%
Total Phosphorus (P) mg P/L	Limit 2.81 - 3.57
	Blank <0.01
	Standard name DMR-0343-2017-Ptotal
	Result 1.16
	Accuracy 98.2%
Lead (Pb) mg/L	Limit 1.00 - 1.28
	Blank <0.0003
	Standard name C00-046-705_X_1000
	Result 0.0898
	Accuracy 89.8%
Dissolved Lead (Pb) mg/L	Limit 0.0800 - 0.1200
	Blank <0.0003
	Standard name DMR-0219-2017-Eu
	Result 0.8908
	Accuracy 98.6%
Potassium (K) mg/L	Limit 0.722 - 1.084
	Blank <0.05
	Standard name C00-046-705_X_1000
	Result 0.95
	Accuracy 95%
Radium (Ra 226) Becquerels/L	Limit 0.800 - 1.200
	Blank <0.002
	Standard name STD 54981
	Result 0.0720

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Quality control Report

Lab number: V-66013

Sample name: ST-10/ST-MMER-2 DUP

Sampling date: July 24, 2017

Sampling location: ST-10 N 65 04.11.9 W 95 59.52.7

Sampling hour: 08:00

Parameter	
	Accuracy 87.6%
	Limit 0.0699 - 0.0945
Selenium (Se) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.102
	Accuracy 98%
	Limit 0.0800 - 0.1200
Dissolved Selenium (Se) mg/L	Blank <0.001
	Standard name DMR-0219-2017-Eu
	Result 1.55
	Accuracy 85.2%
	Limit 1.08 - 1.62
Sodium (Na) mg/L	Blank <0.05
	Standard name C00-046-705_X_1000
	Result 1.04
	Accuracy 96%
	Limit 0.800 - 1.200
Strontium (Sr) mg/L	Blank <0.005
	Standard name DMR-0219-2017-Eu
	Result 1.19
	Accuracy 96.7%
	Limit 0.98 - 1.48
dissolved Strontium (Sr) mg/L	Blank <0.005
	Standard name DMR-0219-2017-Eu
	Result 1.31
	Accuracy 93.5%
	Limit 0.98 - 1.48
Sulfate (SO4) mg SO4/L	Blank <0.6
	Standard name DMR-0343-2017-SO4
	Result 117
	Accuracy 95.1%
	Limit 114 - 132
Thallium (Tl) mg/L	Blank 0.0011
	Standard name Tl-S140909023-1000ppm
	Result 800
	Accuracy 80%
	Limit 800 - 1200
Dissolved thallium (Tl) mg/L	Blank <0.0008
	Standard name Tl-S140909023-1000ppm
	Result 822

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Quality control Report

Lab number: V-66013

Sample name: ST-10/ST-MMER-2 DUP

Sampling date: July 24, 2017

Sampling location: ST-10 N 65 04.11.9 W 95 59.52.7

Sampling hour: 08:00

Parameter	
	Accuracy 82.2%
	Limit 800 - 1200
Titanium (Ti) mg/L	Blank <0.01
Dissolved titanium (Ti) mg/L	Blank <0.01
Uranium (U) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.100
	Accuracy 100%
	Limit 0.0800 - 0.1200
Dissolved Uranium (U) mg/L	Blank <0.001
	Standard name DMR-0219-2017-Eu
	Result 1.79
	Accuracy 98.3%
	Limit 1.41 - 2.11
Vanadium (V) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1047
	Accuracy 95.3%
	Limit 0.0800 - 0.1200
Dissolved Vanadium mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 2.137
	Accuracy 92.6%
	Limit 1.59 - 2.39
Zinc (Zn) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.106
	Accuracy 94%
	Limit 0.0800 - 0.1200
Dissolved Zinc mg/L	Blank <0.001
	Standard name DMR-0219-2017-Eu
	Result 5.28
	Accuracy 84.2%
	Limit 3.65 - 5.47

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Additional information

Lab number: V-66013

Sample name: ST-10/ST-MMER-2 DUP

Sampling date: July 24, 2017

Sampling location: ST-10 N 65 04.11.9 W 95 59.52.7

Sampling hour: 08:00

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-NH3-2.0	MA.300-N 2.0
M-CL-2.0	MA.300-Ions 1.3
M-CN-1.0	MA.300-CN 1.2
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-P-2.0	MA.303-P 1.1
M-P-3.0	MA. 315-P 2.0
M-RA-2.0	APHA 7500-Ra B et EPA P.13 (EMSL-CI)
M-SULF-2.0	MA.300-Ions 1.3

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-66012

Sampling location: ST-10 N 65 04.11.9 W 95 59.52.7

Sampling date: July 24, 2017

Sample name: ST-10/ST-MMER-2

Sampling hour: 08:00

Sampled by: Martin Theriault

Date received: July 25, 2017

Matrix: Water

Drinking water distribution: **Vault**

Reported on: August 21, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

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Analytical Report

Lab number: V-66012

Sample name: ST-10/ST-MMER-2

Sampling date: July 24, 2017

Sampling location: ST-10 N 65 04.11.9 W 95 59.52.7

Sampling hour: 08:00

Parameter	Result	Method name	Analysis date
Alkalinity	53 mg CaCO ₃ /L	M-TIT-1.0	July 25, 2017
Aluminium (Al)	0.092 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Aluminium (Al)	0.014 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Antimony (Sb)	0.0013 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Antimony (Sb)	0.0012 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	0.95 mg N/L	Sous-traitance\Multilab Direct	July 26, 2017
Kjeldahl nitrogen	0.96 mg N/L	Sous-traitance\Multilab Direct	August 01, 2017
Barium (Ba)	0.0197 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Barium (Ba)	0.0166 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
bicarbonate (HCO ₃)	53 mg CaCO ₃ /L	M-TIT-1.0	July 25, 2017
Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Cadmium (Cd)	0.00006 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Calcium (Ca)	23.6 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Carbonate (CO ₃)	<2 mg CaCO ₃ /L	M-TIT-1.0	July 25, 2017
Dissolved Organic Carbon (D.O.C.)	5.0 mg/L	M-COT-1.0	July 25, 2017
Total Organic Carbon (T.O.C.)	5.6 mg/L	M-COT-1.0	July 25, 2017
Chloride	6.2 mg/L	Sous-traitance\Multilab Direct	July 26, 2017
Chrome (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Chromium (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Copper (Cu)	0.0028 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Copper (Cu)	0.0020 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Total Cyanide (CNT)	0.001 mg/L	Sous-traitance\Multilab Direct	July 28, 2017
Hardness	83 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	July 31, 2017
Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
dissolved Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Iron (Fe)	0.20 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Iron (Fe)	0.03 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	August 11, 2017
Dissolved Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	August 11, 2017
Total Suspended Solids	<1 mg/L	M-SOLI-1.0	July 26, 2017
Magnesium (Mg)	6.00 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Manganese (Mn)	0.0555 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Manganese (Mn)	0.0472 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	August 16, 2017

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Analytical Report

Lab number: V-66012

Sample name: ST-10/ST-MMER-2

Sampling date: July 24, 2017

Sampling location: ST-10 N 65 04.11.9 W 95 59.52.7

Sampling hour: 08:00

Parameter	Result	Method name	Analysis date
Dissolved Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	August 17, 2017
Molybdenum (Mo)	0.0104 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Molybdenum (Mo)	0.0099 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Ammonia NH3 (non-ionized)	0.01 mg N/L	Sous-traitance\Multilab Direct	July 26, 2017
Nickel (Ni)	0.0051 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Nickel (Ni)	0.0045 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Nitrate (NO3)	2.85 mg N/L	Sous-traitance\Multilab Direct	July 26, 2017
Nitrite (NO2)	0.04 mg N/L	Sous-traitance\Multilab Direct	July 26, 2017
Ortho-Phosphate (O-PO4)	<0.01 mg P/L	Sous-traitance\Multilab Direct	July 26, 2017
Total Phosphorus (P)	0.03 mg P/L	Sous-traitance\Multilab Direct	July 27, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Potassium (K)	2.91 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Radium (Ra 226)	0.003 Becquerels/L	M-RA-2.0	August 07, 2017
Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Reactive silica (SiO2)	1.4 mg/L	Sous-traitance\Maxxam	August 01, 2017
Sodium (Na)	3.23 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Solids	141 mg/L	M-TIT-1.0	July 25, 2017
Strontium (Sr)	0.131 mg/L	Sous-traitance\Multilab Direct	August 11, 2017
dissolved Strontium (Sr)	0.139 mg/L	Sous-traitance\Multilab Direct	August 11, 2017
Sulfate (SO4)	41.6 mg SO4/L	Sous-traitance\Multilab Direct	July 27, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	August 11, 2017
Dissolved thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	August 11, 2017
Titanium (Ti)	0.03 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved titanium (Ti)	0.02 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Uranium (U)	0.002 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Uranium (U)	0.002 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Vanadium (V)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Vanadium	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Zinc (Zn)	0.002 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Zinc	<0.001 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Hydrocarbons (C10-C50)	<0.3 mg/L	Sous-traitance\Environex	July 26, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Detection limit

Lab number: V-66012

Sample name: ST-10/ST-MMER-2

Sampling date: July 24, 2017

Sampling location: ST-10 N 65 04.11.9 W 95 59.52.7

Sampling hour: 08:00

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO ₃ /L	M-TIT-1.0	
Aluminium (Al)	0.006	mg/L	Sous-traitance	
Dissolved Aluminium (Al)	0.006	mg/L	Sous-traitance	
Antimony (Sb)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Antimony (Sb)	0.0001	mg/L	Sous-traitance	
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Arsenic (As)	0.0005	mg/L	Sous-traitance	
Ammonia nitrogen (NH ₃ -NH ₄)	0.01	mg N/L	Sous-traitance	Yes
Kjeldahl nitrogen	0.05	mg N/L	Sous-traitance	Yes
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Barium (Ba)	0.0005	mg/L	Sous-traitance	
Beryllium (Be)	0.0005	mg/L	Sous-traitance	
Dissolved Beryllium (Be)	0.0005	mg/L	Sous-traitance	
bicarbonate (HCO ₃)	2	mg CaCO ₃ /L	M-TIT-1.0	
Boron (B)	0.01	mg/L	Sous-traitance	Yes
Dissolved Boron (B)	0.01	mg/L	Sous-traitance	
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Dissolved Cadmium (Cd)	0.00002	mg/L	Sous-traitance	
Calcium (Ca)	0.03	mg/L	Sous-traitance	Yes
Carbonate (CO ₃)	2	mg CaCO ₃ /L	M-TIT-1.0	
Dissolved Organic Carbon (D.O.C.)	0.2	mg/L	M-COT-1.0	--
Total Organic Carbon (T.O.C.)	0.2	mg/L	M-COT-1.0	Yes
Chloride	0.5	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Dissolved Chromium (Cr)	0.0006	mg/L	Sous-traitance	
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Copper (Cu)	0.0005	mg/L	Sous-traitance	
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO ₃ /L	Sous-traitance	
Tin (Sn)	0.001	mg/L	Sous-traitance	Yes
dissolved Tin (Sn)	0.001	mg/L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes
Dissolved Iron (Fe)	0.01	mg/L	Sous-traitance	
Lithium (Li)	0.005	mg/L	Sous-traitance	
Dissolved Lithium (Li)	0.005	mg/L	Sous-traitance	
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Magnesium (Mg)	0.02	mg/L	Sous-traitance	Yes
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Manganese (Mn)	0.0005	mg/L	Sous-traitance	
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes

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Detection limit

Lab number: V-66012

Sample name: ST-10/ST-MMER-2

Sampling date: July 24, 2017

Sampling location: ST-10 N 65 04.11.9 W 95 59.52.7

Sampling hour: 08:00

Parameter	Value	Unit	Method	Accreditation
Dissolved Mercury (Hg)	0.00001	mg/L	Sous-traitance	
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	
Ammonia NH3 (non-ionized)	0.01	mg N/L	Sous-traitance	-
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Nickel (Ni)	0.0005	mg/L	Sous-traitance	
Nitrate (NO3)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO2)	0.01	mg N/L	Sous-traitance	Yes
Ortho-Phosphate (O-PO4)	0.01	mg P/L	Sous-traitance	Yes
Total Phosphorus (P)	0.01	mg P/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Dissolved Lead (Pb)	0.0003	mg/L	Sous-traitance	
Potassium (K)	0.05	mg/L	Sous-traitance	
Radium (Ra 226)	0.002	Becquerels/L	M-RA-2.0	Yes
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Dissolved Selenium (Se)	0.001	mg/L	Sous-traitance	
Reactive silica (SiO2)		mg/L	Sous-traitance	
Sodium (Na)	0.05	mg/L	Sous-traitance	Yes
Dissolved Solids	1	mg/L	M-TIT-1.0	
Strontium (Sr)	0.005	mg/L	Sous-traitance	
dissolved Strontium (Sr)	0.005	mg/L	Sous-traitance	
Sulfate (SO4)	0.6	mg SO4/L	Sous-traitance	Yes
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Dissolved thallium (Tl)	0.0008	mg/L	Sous-traitance	
Titanium (Ti)	0.01	mg/L	Sous-traitance	
Dissolved titanium (Ti)	0.01	mg/L	Sous-traitance	
Uranium (U)	0.001	mg/L	Sous-traitance	
Dissolved Uranium (U)	0.001	mg/L	Sous-traitance	
Vanadium (V)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Vanadium	0.0005	mg/L	Sous-traitance	
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes
Dissolved Zinc	0.001	mg/L	Sous-traitance	
Hydrocarbons (C10-C50)		mg/L	Sous-traitance	

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Quality control Report

Lab number: V-66012

Sample name: ST-10/ST-MMER-2

Sampling date: July 24, 2017

Sampling location: ST-10 N 65 04.11.9 W 95 59.52.7

Sampling hour: 08:00

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 147 Accuracy 98.6% Limit 123 - 167 Sample duplicate 53-53
Aluminium (Al) mg/L	Blank <0.006 Standard name C00-046-705_X_1000 Result 1.09 Accuracy 91% Limit 0.800 - 1.200
Dissolved Aluminium (Al) mg/L	Blank <0.006 Standard name DMR-0219-2017-Eu Result 7.29 Accuracy 83.7% Limit 5.02 - 7.52
Antimony (Sb) mg/L	Blank <0.0001 Standard name C00-046-705_X_1000 Result 0.0102 Accuracy 98% Limit 0.0080 - 0.0120
Dissolved Antimony (Sb) mg/L	Blank <0.0001 Standard name DMR-0219-2017-Eu Result 0.1825 Accuracy 82.2% Limit 0.178 - 0.266
Arsenic (As) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0967 Accuracy 96.7% Limit 0.0700 - 0.1300
Dissolved Arsenic (As) mg/L	Blank <0.0005 Standard name DMR-0219-2017-Eu Result 0.3349 Accuracy 82.1% Limit 0.199 - 0.369
Ammonia nitrogen (NH ₃ -NH ₄) m	Blank <0.01 Standard name DMR-0343-2017-NH ₃ -NH ₄ Result 2.25 Accuracy 94.4% Limit 1.81 - 2.45

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Quality control Report

Lab number: V-66012

Sample name: ST-10/ST-MMER-2

Sampling date: July 24, 2017

Sampling location: ST-10 N 65 04.11.9 W 95 59.52.7

Sampling hour: 08:00

Parameter

Kjeldahl nitrogen mg N/L	Blank	<0.05
	Standard name	DMR-0343-2017-NTK
	Result	5.77
	Accuracy	98.2%
	Limit	4.82 - 6.52
Barium (Ba) mg/L	Sample duplicate	0.96-0.97
	Blank	<0.0005
	Standard name	C00-046-705_X_1000
	Result	0.1027
	Accuracy	97.3%
Dissolved Barium (Ba) mg/L	Limit	0.0800 - 0.1200
	Blank	<0.0005
	Standard name	DMR-0219-2017-Eu
	Result	2.583
	Accuracy	93.7%
Beryllium (Be) mg/L	Limit	1.94 - 2.92
	Blank	<0.0005
	Standard name	C00-046-705_X_1000
	Result	0.1110
	Accuracy	89%
Dissolved Beryllium (Be) mg/L	Limit	0.0800 - 0.1200
	Blank	<0.0005
	Standard name	DMR-0219-2017-Eu
	Result	1.998
	Accuracy	82.5%
bicarbonate (HCO ₃) mg CaCO ₃ /L	Limit	1.36 - 2.04
	Sample duplicate	53-53
	Blank	<0.01
	Standard name	C00-046-705_X_1000
	Result	1.12
Boron (B) mg/L	Accuracy	88%
	Limit	0.800 - 1.200
	Blank	<0.01
	Standard name	DMR-0219-2017-Eu
	Result	3.31
Dissolved Boron (B) mg/L	Accuracy	85.1%
	Limit	2.30 - 3.46
	Blank	<0.00002
	Standard name	C00-046-705_X_1000
	Result	0.10512

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Quality control Report

Lab number: V-66012

Sample name: ST-10/ST-MMER-2

Sampling date: July 24, 2017

Sampling location: ST-10 N 65 04.11.9 W 95 59.52.7

Sampling hour: 08:00

Parameter	
Dissolved Cadmium (Cd) mg/L	Accuracy 94.9%
	Limit 0.0800 - 0.1200
	Blank <0.00002
	Standard name DMR-0219-2017-Eu
	Result 1.0034
Calcium (Ca) mg/L	Accuracy 88.6%
	Limit 0.721 - 1.081
	Blank <0.03
	Standard name C00-046-705_X_1000
	Result 1.01
Carbonate (CO ₃) mg CaCO ₃	Accuracy 99%
	Limit 0.800 - 1.200
	Sample duplicate <2-<2
	Blank <0.2
	Standard name COD 10mg/L
Dissolved Organic Carbon (D.O.C.) m	Result 11
	Accuracy 90%
	Limit 8 - 12
	Blank <0.2
	Standard name COT 10mg/L
Chloride mg/L	Result 11
	Accuracy 90%
	Limit 8 - 12
	Blank <0.5
	Standard name DMR-0343-2017-Cl
Chrome (Cr) mg/L	Result 107
	Accuracy 99.1%
	Limit 95 - 121
	Blank <0.0006
	Standard name C00-046-705_X_1000
Dissolved Chromium (Cr) mg/L	Result 0.1017
	Accuracy 98.3%
	Limit 0.0800 - 0.1200
	Blank <0.0006
	Standard name DMR-0219-2017-Eu
Copper (Cu) mg/L	Result 4.467
	Accuracy 89.7%
	Limit 3.24 - 4.86
	Blank <0.0005
	Standard name C00-046-705_X_1000

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Quality control Report

Lab number: V-66012

Sample name: ST-10/ST-MMER-2

Sampling date: July 24, 2017

Sampling location: ST-10 N 65 04.11.9 W 95 59.52.7

Sampling hour: 08:00

Parameter	
Dissolved Copper (Cu) mg/L	Result 0.1046
	Accuracy 95.4%
	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name DMR-0219-2017-Eu
Total Cyanide (CNT) mg/L	Result 1.474
	Accuracy 84.8%
	Limit 1.02 - 1.54
	Blank <0.001
	Standard name DMR-0343-CN
Tin (Sn) mg/L	Result 1.30
	Accuracy 89.8%
	Limit 1.003 - 1.357
	Blank <0.001
	Standard name C00-046-705_X_1000
dissolved Tin (Sn) mg/L	Result 0.092
	Accuracy 92%
	Limit 0.0800 - 0.1200
	Blank <0.001
	Standard name C00-046-705_X_1000
Iron (Fe) mg/L	Result 1.17
	Accuracy 83%
	Limit 0.800 - 1.200
	Blank <0.01
	Standard name DMR-0219-2017-Eu
Dissolved Iron (Fe) mg/L	Result 9.49
	Accuracy 83.2%
	Limit 9.1 - 13.7
	Blank <0.005
	Standard name DMR-0219-2017-Eu
Lithium (Li) mg/L	Result 0.780
	Accuracy 92.2%
	Limit 0.677 - 1.015
	Blank <0.005
	Standard name DMR-0219-2017-Eu
Dissolved Lithium (Li) mg/L	Result 0.848
	Accuracy 99.8%
	Limit 0.677 - 1.015
	Blank <1
	Standard name DMR-0219-2017-Eu
Total Suspended Solids mg/L	Result 0.848
	Accuracy 99.8%
	Limit 0.677 - 1.015
	Blank <1
	Standard name DMR-0219-2017-Eu

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Quality control Report

Lab number: V-66012

Sample name: ST-10/ST-MMER-2

Sampling date: July 24, 2017

Sampling location: ST-10 N 65 04.11.9 W 95 59.52.7

Sampling hour: 08:00

Parameter	
	Standard name STD-MES 25mg/L
	Result 26
	Accuracy 96%
	Limit 19 - 31
Magnesium (Mg) mg/L	Blank <0.02
	Standard name C00-046-705_X_1000
	Result 1.07
	Accuracy 93%
	Limit 0.800 - 1.200
Manganese (Mn) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1016
	Accuracy 98.4%
	Limit 0.0800 - 0.1200
Dissolved Manganese (Mn) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 4.237
	Accuracy 91.4%
	Limit 3.12 - 4.68
Mercury (Hg) mg/L	Blank <0.00001
	Standard name DMR-0343-2017-HgEu
	Result 0.00055
	Accuracy 78.6%
	Limit 0.00042 - 0.00098
Dissolved Mercury (Hg) mg/L	Blank <0.00001
	Standard name DMR-0343-2017-HgEu
	Result 0.00050
	Accuracy 71.4%
	Limit 0.00042 - 0.00098
Molybdenum (Mo) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0988
	Accuracy 98.8%
	Limit 0.0800 - 0.1200
Dissolved Molybdenum (Mo) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 0.6620
	Accuracy 93.5%
	Limit 0.566 - 0.850
Ammonia NH3 (non-ionized) mg	Blank <0.01

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Quality control Report

Lab number: V-66012

Sample name: ST-10/ST-MMER-2

Sampling date: July 24, 2017

Sampling location: ST-10 N 65 04.11.9 W 95 59.52.7

Sampling hour: 08:00

Parameter	
Nickel (Ni) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1045 Accuracy 95.5% Limit 0.0800 - 0.1200
Dissolved Nickel (Ni) mg/L	Blank <0.0005 Standard name DMR-0219-2017-Eu Result 1.242 Accuracy 91.1% Limit 0.91 - 1.37
Nitrate (NO3) mg N/L	Blank <0.01
Nitrite (NO2) mg N/L	Blank <0.01 Standard name DMR-0343-2017-NO2 Result 2.67 Accuracy 98.5% Limit 2.30 - 3.12
Ortho-Phosphate (O-PO4) mg P/	Blank <0.01 Standard name DMR-0343-2017-OPO4 Result 3.04 Accuracy 95.3% Limit 2.81 - 3.57
Total Phosphorus (P) mg P/L	Blank <0.01 Standard name DMR-0343-2017-Ptotal Result 1.16 Accuracy 98.2% Limit 1.00 - 1.28
Lead (Pb) mg/L	Blank <0.0003 Standard name C00-046-705_X_1000 Result 0.0898 Accuracy 89.8% Limit 0.0800 - 0.1200
Dissolved Lead (Pb) mg/L	Blank <0.0003 Standard name DMR-0219-2017-Eu Result 0.8908 Accuracy 98.6% Limit 0.722 - 1.084
Potassium (K) mg/L	Blank <0.05 Standard name C00-046-705_X_1000 Result 0.95 Accuracy 95%

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Quality control Report

Lab number: V-66012

Sample name: ST-10/ST-MMER-2

Sampling date: July 24, 2017

Sampling location: ST-10 N 65 04.11.9 W 95 59.52.7

Sampling hour: 08:00

Parameter	
Radium (Ra 226) Becquerels/L	Limit 0.800 - 1.200
	Blank <0.002
	Standard name STD 54981
	Result 0.0720
	Accuracy 87.6%
Selenium (Se) mg/L	Limit 0.0699 - 0.0945
	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.102
	Accuracy 98%
Dissolved Selenium (Se) mg/L	Limit 0.0800 - 0.1200
	Blank <0.001
	Standard name DMR-0219-2017-Eu
	Result 1.55
	Accuracy 85.2%
Sodium (Na) mg/L	Limit 1.08 - 1.62
	Blank <0.05
	Standard name C00-046-705_X_1000
	Result 1.04
	Accuracy 96%
Dissolved Solids mg/L	Limit 0.800 - 1.200
	Sample duplicate 141-141
	Blank <0.005
	Standard name DMR-0219-2017-Eu
	Result 1.19
Strontium (Sr) mg/L	Accuracy 96.7%
	Limit 0.98 - 1.48
	Blank <0.005
	Standard name DMR-0219-2017-Eu
	Result 1.31
dissolved Strontium (Sr) mg/L	Accuracy 93.5%
	Limit 0.98 - 1.48
	Blank <0.6
	Standard name DMR-0343-2017-SO4
	Result 117
Sulfate (SO4) mg SO4/L	Accuracy 95.1%
	Limit 114 - 132
	Blank 0.0011
	Standard name TI-S140909023-1000ppm
	Result 800

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Quality control Report

Lab number: V-66012

Sample name: ST-10/ST-MMER-2

Sampling date: July 24, 2017

Sampling location: ST-10 N 65 04.11.9 W 95 59.52.7

Sampling hour: 08:00

Parameter	
Dissolved thallium (Tl) mg/L	Accuracy 80%
	Limit 800 - 1200
	Blank <0.0008
	Standard name Tl-S140909023-1000ppm
	Result 822
Titanium (Ti) mg/L	Accuracy 82.2%
	Limit 800 - 1200
	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 0.100
Dissolved titanium (Ti) mg/L	Accuracy 100%
Uranium (U) mg/L	Limit 0.0800 - 0.1200
	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.100
	Accuracy 100%
Dissolved Uranium (U) mg/L	Limit 0.0800 - 0.1200
	Blank <0.001
	Standard name DMR-0219-2017-Eu
	Result 1.79
	Accuracy 98.3%
Vanadium (V) mg/L	Limit 1.41 - 2.11
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1047
	Accuracy 95.3%
Dissolved Vanadium mg/L	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 2.137
	Accuracy 92.6%
Zinc (Zn) mg/L	Limit 1.59 - 2.39
	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.106
	Accuracy 94%
Dissolved Zinc mg/L	Limit 0.0800 - 0.1200
	Blank <0.001
	Standard name DMR-0219-2017-Eu
	Result 5.28
	Accuracy 84.2%
Dissolved Zinc mg/L	Limit 3.65 - 5.47

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Additional information

Lab number: V-66012

Sample name: ST-10/ST-MMER-2

Sampling date: July 24, 2017

Sampling location: ST-10 N 65 04.11.9 W 95 59.52.7

Sampling hour: 08:00

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-NH3-2.0	MA.300-N 2.0
M-CL-2.0	MA.300-Ions 1.3
M-CN-1.0	MA.300-CN 1.2
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-P-2.0	MA.303-P 1.1
M-P-3.0	MA. 315-P 2.0
M-RA-2.0	APHA 7500-Ra B et EPA P.13 (EMSL-CI)
M-SULF-2.0	MA.300-Ions 1.3

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-66013

Sampling location: ST-10 N 65 04.11.9 W 95 59.52.7

Sampling date: July 24, 2017

Sample name: ST-10/ST-MMER-2 DUP

Sampling hour: 08:00

Sampled by: Martin Theriault

Date received: July 25, 2017

Matrix: Water

Drinking water distribution: **Vault**

Reported on: August 21, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

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Analytical Report

Lab number: V-66013

Sample name: ST-10/ST-MMER-2 DUP

Sampling date: July 24, 2017

Sampling location: ST-10 N 65 04.11.9 W 95 59.52.7

Sampling hour: 08:00

Parameter	Result	Method name	Analysis date
Alkalinity	53 mg CaCO ₃ /L	M-TIT-1.0	July 25, 2017
Aluminium (Al)	0.081 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Aluminium (Al)	0.018 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Antimony (Sb)	0.0012 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Antimony (Sb)	0.0012 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Arsenic (As)	0.0010 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	1.04 mg N/L	Sous-traitance\Multilab Direct	July 26, 2017
Kjeldahl nitrogen	1.10 mg N/L	Sous-traitance\Multilab Direct	August 01, 2017
Barium (Ba)	0.0197 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Barium (Ba)	0.0168 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
bicarbonate (HCO ₃)	53 mg CaCO ₃ /L	M-TIT-1.0	July 25, 2017
Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Cadmium (Cd)	0.00006 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Cadmium (Cd)	0.00003 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Calcium (Ca)	22.8 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Carbonate (CO ₃)	<2 mg CaCO ₃ /L	M-TIT-1.0	July 25, 2017
Dissolved Organic Carbon (D.O.C.)	5.1 mg/L	M-COT-1.0	July 25, 2017
Total Organic Carbon (T.O.C.)	5.1 mg/L	M-COT-1.0	July 25, 2017
Chloride	6.2 mg/L	Sous-traitance\Multilab Direct	July 26, 2017
Chrome (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Chromium (Cr)	0.0006 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Copper (Cu)	0.0030 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Copper (Cu)	0.0027 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Total Cyanide (CNT)	0.001 mg/L	Sous-traitance\Multilab Direct	July 28, 2017
Hardness	80 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	July 31, 2017
Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
dissolved Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Iron (Fe)	0.19 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Iron (Fe)	0.04 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	August 11, 2017
Dissolved Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	August 11, 2017
Total Suspended Solids	2 mg/L	M-SOLI-1.0	July 26, 2017
Magnesium (Mg)	5.70 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Manganese (Mn)	0.0557 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Manganese (Mn)	0.0496 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	August 16, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Analytical Report

Lab number: V-66013

Sample name: ST-10/ST-MMER-2 DUP

Sampling date: July 24, 2017

Sampling location: ST-10 N 65 04.11.9 W 95 59.52.7

Sampling hour: 08:00

Parameter	Result	Method name	Analysis date
Dissolved Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	August 17, 2017
Molybdenum (Mo)	0.0103 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Molybdenum (Mo)	0.0099 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Ammonia NH3 (non-ionized)	0.01 mg N/L	Sous-traitance\Multilab Direct	July 26, 2017
Nickel (Ni)	0.0051 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Nickel (Ni)	0.0047 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Nitrate (NO3)	2.86 mg N/L	Sous-traitance\Multilab Direct	July 26, 2017
Nitrite (NO2)	0.04 mg N/L	Sous-traitance\Multilab Direct	July 26, 2017
Ortho-Phosphate (O-PO4)	<0.01 mg P/L	Sous-traitance\Multilab Direct	July 26, 2017
Total Phosphorus (P)	0.02 mg P/L	Sous-traitance\Multilab Direct	July 27, 2017
Lead (Pb)	0.0038 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Potassium (K)	3.02 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Radium (Ra 226)	<0.002 Becquerels/L	M-RA-2.0	August 07, 2017
Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Reactive silica (SiO2)	1.5 mg/L	Sous-traitance\Maxxam	August 01, 2017
Sodium (Na)	3.02 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Solids	141 mg/L	M-TIT-1.0	July 25, 2017
Strontium (Sr)	0.114 mg/L	Sous-traitance\Multilab Direct	August 11, 2017
dissolved Strontium (Sr)	0.134 mg/L	Sous-traitance\Multilab Direct	August 11, 2017
Sulfate (SO4)	40.8 mg SO4/L	Sous-traitance\Multilab Direct	July 27, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	August 11, 2017
Dissolved thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	August 11, 2017
Titanium (Ti)	0.02 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved titanium (Ti)	0.02 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Uranium (U)	0.002 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Uranium (U)	0.002 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Vanadium (V)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Vanadium	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Zinc (Zn)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Zinc	<0.001 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Hydrocarbons (C10-C50)	<0.3 mg/L	Sous-traitance\Environex	July 26, 2017

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Detection limit

Lab number: V-66013

Sample name: ST-10/ST-MMER-2 DUP

Sampling date: July 24, 2017

Sampling location: ST-10 N 65 04.11.9 W 95 59.52.7

Sampling hour: 08:00

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO ₃ /L	M-TIT-1.0	
Aluminium (Al)	0.006	mg/L	Sous-traitance	
Dissolved Aluminium (Al)	0.006	mg/L	Sous-traitance	
Antimony (Sb)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Antimony (Sb)	0.0001	mg/L	Sous-traitance	
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Arsenic (As)	0.0005	mg/L	Sous-traitance	
Ammonia nitrogen (NH ₃ -NH ₄)	0.01	mg N/L	Sous-traitance	Yes
Kjeldahl nitrogen	0.05	mg N/L	Sous-traitance	Yes
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Barium (Ba)	0.0005	mg/L	Sous-traitance	
Beryllium (Be)	0.0005	mg/L	Sous-traitance	
Dissolved Beryllium (Be)	0.0005	mg/L	Sous-traitance	
bicarbonate (HCO ₃)	2	mg CaCO ₃ /L	M-TIT-1.0	
Boron (B)	0.01	mg/L	Sous-traitance	Yes
Dissolved Boron (B)	0.01	mg/L	Sous-traitance	
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Dissolved Cadmium (Cd)	0.00002	mg/L	Sous-traitance	
Calcium (Ca)	0.03	mg/L	Sous-traitance	Yes
Carbonate (CO ₃)	2	mg CaCO ₃ /L	M-TIT-1.0	
Dissolved Organic Carbon (D.O.C.)	0.2	mg/L	M-COT-1.0	--
Total Organic Carbon (T.O.C.)	0.2	mg/L	M-COT-1.0	Yes
Chloride	0.5	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Dissolved Chromium (Cr)	0.0006	mg/L	Sous-traitance	
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Copper (Cu)	0.0005	mg/L	Sous-traitance	
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO ₃ /L	Sous-traitance	
Tin (Sn)	0.001	mg/L	Sous-traitance	Yes
dissolved Tin (Sn)	0.001	mg/L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes
Dissolved Iron (Fe)	0.01	mg/L	Sous-traitance	
Lithium (Li)	0.005	mg/L	Sous-traitance	
Dissolved Lithium (Li)	0.005	mg/L	Sous-traitance	
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Magnesium (Mg)	0.02	mg/L	Sous-traitance	Yes
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Manganese (Mn)	0.0005	mg/L	Sous-traitance	
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes

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Detection limit

Lab number: V-66013

Sample name: ST-10/ST-MMER-2 DUP

Sampling date: July 24, 2017

Sampling location: ST-10 N 65 04.11.9 W 95 59.52.7

Sampling hour: 08:00

Parameter	Value	Unit	Method	Accreditation
Dissolved Mercury (Hg)	0.00001	mg/L	Sous-traitance	
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	
Ammonia NH3 (non-ionized)	0.01	mg N/L	Sous-traitance	-
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Nickel (Ni)	0.0005	mg/L	Sous-traitance	
Nitrate (NO3)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO2)	0.01	mg N/L	Sous-traitance	Yes
Ortho-Phosphate (O-PO4)	0.01	mg P/L	Sous-traitance	Yes
Total Phosphorus (P)	0.01	mg P/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Dissolved Lead (Pb)	0.0003	mg/L	Sous-traitance	
Potassium (K)	0.05	mg/L	Sous-traitance	
Radium (Ra 226)	0.002	Becquerels/L	M-RA-2.0	Yes
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Dissolved Selenium (Se)	0.001	mg/L	Sous-traitance	
Reactive silica (SiO2)		mg/L	Sous-traitance	
Sodium (Na)	0.05	mg/L	Sous-traitance	Yes
Dissolved Solids	1	mg/L	M-TIT-1.0	
Strontium (Sr)	0.005	mg/L	Sous-traitance	
dissolved Strontium (Sr)	0.005	mg/L	Sous-traitance	
Sulfate (SO4)	0.6	mg SO4/L	Sous-traitance	Yes
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Dissolved thallium (Tl)	0.0008	mg/L	Sous-traitance	
Titanium (Ti)	0.01	mg/L	Sous-traitance	
Dissolved titanium (Ti)	0.01	mg/L	Sous-traitance	
Uranium (U)	0.001	mg/L	Sous-traitance	
Dissolved Uranium (U)	0.001	mg/L	Sous-traitance	
Vanadium (V)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Vanadium	0.0005	mg/L	Sous-traitance	
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes
Dissolved Zinc	0.001	mg/L	Sous-traitance	
Hydrocarbons (C10-C50)		mg/L	Sous-traitance	

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Quality control Report

Lab number: V-66013

Sample name: ST-10/ST-MMER-2 DUP

Sampling date: July 24, 2017

Sampling location: ST-10 N 65 04.11.9 W 95 59.52.7

Sampling hour: 08:00

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 147 Accuracy 98.6% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006
	Standard name C00-046-705_X_1000 Result 1.09 Accuracy 91% Limit 0.800 - 1.200
Dissolved Aluminium (Al) mg/L	Blank <0.006
	Standard name DMR-0219-2017-Eu Result 7.29 Accuracy 83.7% Limit 5.02 - 7.52
Antimony (Sb) mg/L	Blank <0.0001
	Standard name C00-046-705_X_1000 Result 0.0102 Accuracy 98% Limit 0.0080 - 0.0120
Dissolved Antimony (Sb) mg/L	Blank <0.0001
	Standard name DMR-0219-2017-Eu Result 0.1825 Accuracy 82.2% Limit 0.178 - 0.266
Arsenic (As) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000 Result 0.0967 Accuracy 96.7% Limit 0.0700 - 0.1300
Dissolved Arsenic (As) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu Result 0.3349 Accuracy 82.1% Limit 0.199 - 0.369
Ammonia nitrogen (NH ₃ -NH ₄) m	Blank <0.01
	Standard name DMR-0343-2017-NH ₃ -NH ₄ Result 2.25 Accuracy 94.4% Limit 1.81 - 2.45
Kjeldahl nitrogen mg N/L	Blank <0.05

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Quality control Report

Lab number: V-66013

Sample name: ST-10/ST-MMER-2 DUP

Sampling date: July 24, 2017

Sampling location: ST-10 N 65 04.11.9 W 95 59.52.7

Sampling hour: 08:00

Parameter	
	Standard name DMR-0343-2017-NTK
	Result 5.77
	Accuracy 98.2%
	Limit 4.82 - 6.52
Barium (Ba) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1027
	Accuracy 97.3%
	Limit 0.0800 - 0.1200
Dissolved Barium (Ba) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 2.583
	Accuracy 93.7%
	Limit 1.94 - 2.92
Beryllium (Be) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1110
	Accuracy 89%
	Limit 0.0800 - 0.1200
Dissolved Beryllium (Be) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.998
	Accuracy 82.5%
	Limit 1.36 - 2.04
Boron (B) mg/L	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.12
	Accuracy 88%
	Limit 0.800 - 1.200
Dissolved Boron (B) mg/L	Blank <0.01
	Standard name DMR-0219-2017-Eu
	Result 3.31
	Accuracy 85.1%
	Limit 2.30 - 3.46
Cadmium (Cd) mg/L	Blank <0.00002
	Standard name C00-046-705_X_1000
	Result 0.10512
	Accuracy 94.9%
	Limit 0.0800 - 0.1200
Dissolved Cadmium (Cd) mg/L	Blank <0.00002

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Quality control Report

Lab number: V-66013

Sample name: ST-10/ST-MMER-2 DUP

Sampling date: July 24, 2017

Sampling location: ST-10 N 65 04.11.9 W 95 59.52.7

Sampling hour: 08:00

Parameter	
	Standard name DMR-0219-2017-Eu
	Result 1.0034
	Accuracy 88.6%
	Limit 0.721 - 1.081
Calcium (Ca) mg/L	Blank <0.03
	Standard name C00-046-705_X_1000
	Result 1.01
	Accuracy 99%
	Limit 0.800 - 1.200
Dissolved Organic Carbon (D.O.C.) mg/L	Blank <0.2
	Standard name COD 10mg/L
	Result 11
	Accuracy 90%
	Limit 8 - 12
Total Organic Carbon (T.O.C.) mg/L	Blank <0.2
	Standard name COT 10mg/L
	Result 11
	Accuracy 90%
	Limit 8 - 12
Chloride mg/L	Blank <0.5
	Standard name DMR-0343-2017-CI
	Result 107
	Accuracy 99.1%
	Limit 95 - 121
Chrome (Cr) mg/L	Blank <0.0006
	Standard name C00-046-705_X_1000
	Result 0.1017
	Accuracy 98.3%
	Limit 0.0800 - 0.1200
Dissolved Chromium (Cr) mg/L	Blank <0.0006
	Standard name DMR-0219-2017-Eu
	Result 4.467
	Accuracy 89.7%
	Limit 3.24 - 4.86
Copper (Cu) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1046
	Accuracy 95.4%
	Limit 0.0800 - 0.1200
Dissolved Copper (Cu) mg/L	Blank <0.0005

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Quality control Report

Lab number: V-66013

Sample name: ST-10/ST-MMER-2 DUP

Sampling date: July 24, 2017

Sampling location: ST-10 N 65 04.11.9 W 95 59.52.7

Sampling hour: 08:00

Parameter	
	Standard name DMR-0219-2017-Eu
	Result 1.474
	Accuracy 84.8%
	Limit 1.02 - 1.54
Total Cyanide (CNT) mg/L	Blank <0.001
	Standard name DMR-0343-CN
	Result 1.30
	Accuracy 89.8%
	Limit 1.003 - 1.357
Tin (Sn) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.092
	Accuracy 92%
	Limit 0.0800 - 0.1200
dissolved Tin (Sn) mg/L	Blank <0.001
Iron (Fe) mg/L	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.17
	Accuracy 83%
	Limit 0.800 - 1.200
Dissolved Iron (Fe) mg/L	Blank <0.01
	Standard name DMR-0219-2017-Eu
	Result 9.49
	Accuracy 83.2%
	Limit 9.1 - 13.7
Lithium (Li) mg/L	Blank <0.005
	Standard name DMR-0219-2017-Eu
	Result 0.780
	Accuracy 92.2%
	Limit 0.677 - 1.015
Dissolved Lithium (Li) mg/L	Blank <0.005
	Standard name DMR-0219-2017-Eu
	Result 0.848
	Accuracy 99.8%
	Limit 0.677 - 1.015
Total Suspended Solids mg/L	Blank <1
	Standard name STD-MES 25mg/L
	Result 26
	Accuracy 96%
	Limit 19 - 31

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Quality control Report

Lab number: V-66013

Sample name: ST-10/ST-MMER-2 DUP

Sampling date: July 24, 2017

Sampling location: ST-10 N 65 04.11.9 W 95 59.52.7

Sampling hour: 08:00

Parameter	
Magnesium (Mg) mg/L	Blank <0.02 Standard name C00-046-705_X_1000 Result 1.07 Accuracy 93% Limit 0.800 - 1.200
Manganese (Mn) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1016 Accuracy 98.4% Limit 0.0800 - 0.1200
Dissolved Manganese (Mn) mg/L	Blank <0.0005 Standard name DMR-0219-2017-Eu Result 4.237 Accuracy 91.4% Limit 3.12 - 4.68
Mercury (Hg) mg/L	Blank <0.00001 Standard name DMR-0343-2017-HgEu Result 0.00055 Accuracy 78.6% Limit 0.00042 - 0.00098
Dissolved Mercury (Hg) mg/L	Blank <0.00001 Standard name DMR-0343-2017-HgEu Result 0.00050 Accuracy 71.4% Limit 0.00042 - 0.00098
Molybdenum (Mo) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0988 Accuracy 98.8% Limit 0.0800 - 0.1200
Dissolved Molybdenum (Mo) mg/L	Blank <0.0005 Standard name DMR-0219-2017-Eu Result 0.6620 Accuracy 93.5% Limit 0.566 - 0.850
Ammonia NH3 (non-ionized) mg	Blank <0.01
Nickel (Ni) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1045 Accuracy 95.5%

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Quality control Report

Lab number: V-66013

Sample name: ST-10/ST-MMER-2 DUP

Sampling date: July 24, 2017

Sampling location: ST-10 N 65 04.11.9 W 95 59.52.7

Sampling hour: 08:00

Parameter	
Dissolved Nickel (Ni) mg/L	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.242
	Accuracy 91.1%
Nitrate (NO3) mg N/L Nitrite (NO2) mg N/L	Limit 0.91 - 1.37
	Blank <0.01
	Blank <0.01
	Standard name DMR-0343-2017-NO2
	Result 2.67
Accuracy 98.5%	
Ortho-Phosphate (O-PO4) mg P/	Limit 2.30 - 3.12
	Blank <0.01
	Standard name DMR-0343-2017-OPO4
	Result 3.04
	Accuracy 95.3%
Total Phosphorus (P) mg P/L	Limit 2.81 - 3.57
	Blank <0.01
	Standard name DMR-0343-2017-Ptotal
	Result 1.16
	Accuracy 98.2%
Lead (Pb) mg/L	Limit 1.00 - 1.28
	Blank <0.0003
	Standard name C00-046-705_X_1000
	Result 0.0898
	Accuracy 89.8%
Dissolved Lead (Pb) mg/L	Limit 0.0800 - 0.1200
	Blank <0.0003
	Standard name DMR-0219-2017-Eu
	Result 0.8908
	Accuracy 98.6%
Potassium (K) mg/L	Limit 0.722 - 1.084
	Blank <0.05
	Standard name C00-046-705_X_1000
	Result 0.95
	Accuracy 95%
Radium (Ra 226) Becquerels/L	Limit 0.800 - 1.200
	Blank <0.002
	Standard name STD 54981
	Result 0.0720

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Quality control Report

Lab number: V-66013

Sample name: ST-10/ST-MMER-2 DUP

Sampling date: July 24, 2017

Sampling location: ST-10 N 65 04.11.9 W 95 59.52.7

Sampling hour: 08:00

Parameter	
	Accuracy 87.6%
	Limit 0.0699 - 0.0945
Selenium (Se) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.102
	Accuracy 98%
	Limit 0.0800 - 0.1200
Dissolved Selenium (Se) mg/L	Blank <0.001
	Standard name DMR-0219-2017-Eu
	Result 1.55
	Accuracy 85.2%
	Limit 1.08 - 1.62
Sodium (Na) mg/L	Blank <0.05
	Standard name C00-046-705_X_1000
	Result 1.04
	Accuracy 96%
	Limit 0.800 - 1.200
Strontium (Sr) mg/L	Blank <0.005
	Standard name DMR-0219-2017-Eu
	Result 1.19
	Accuracy 96.7%
	Limit 0.98 - 1.48
dissolved Strontium (Sr) mg/L	Blank <0.005
	Standard name DMR-0219-2017-Eu
	Result 1.31
	Accuracy 93.5%
	Limit 0.98 - 1.48
Sulfate (SO4) mg SO4/L	Blank <0.6
	Standard name DMR-0343-2017-SO4
	Result 117
	Accuracy 95.1%
	Limit 114 - 132
Thallium (Tl) mg/L	Blank 0.0011
	Standard name Tl-S140909023-1000ppm
	Result 800
	Accuracy 80%
	Limit 800 - 1200
Dissolved thallium (Tl) mg/L	Blank <0.0008
	Standard name Tl-S140909023-1000ppm
	Result 822

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

This report shall not be reproduced except in full without the written authority of the laboratory.



Quality control Report

Lab number: V-66013

Sample name: ST-10/ST-MMER-2 DUP

Sampling date: July 24, 2017

Sampling location: ST-10 N 65 04.11.9 W 95 59.52.7

Sampling hour: 08:00

Parameter	
	Accuracy 82.2%
	Limit 800 - 1200
Titanium (Ti) mg/L	Blank <0.01
Dissolved titanium (Ti) mg/L	Blank <0.01
Uranium (U) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.100
	Accuracy 100%
	Limit 0.0800 - 0.1200
Dissolved Uranium (U) mg/L	Blank <0.001
	Standard name DMR-0219-2017-Eu
	Result 1.79
	Accuracy 98.3%
	Limit 1.41 - 2.11
Vanadium (V) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1047
	Accuracy 95.3%
	Limit 0.0800 - 0.1200
Dissolved Vanadium mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 2.137
	Accuracy 92.6%
	Limit 1.59 - 2.39
Zinc (Zn) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.106
	Accuracy 94%
	Limit 0.0800 - 0.1200
Dissolved Zinc mg/L	Blank <0.001
	Standard name DMR-0219-2017-Eu
	Result 5.28
	Accuracy 84.2%
	Limit 3.65 - 5.47

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Additional information

Lab number: V-66013

Sample name: ST-10/ST-MMER-2 DUP

Sampling date: July 24, 2017

Sampling location: ST-10 N 65 04.11.9 W 95 59.52.7

Sampling hour: 08:00

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-NH3-2.0	MA.300-N 2.0
M-CL-2.0	MA.300-Ions 1.3
M-CN-1.0	MA.300-CN 1.2
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-P-2.0	MA.303-P 1.1
M-P-3.0	MA. 315-P 2.0
M-RA-2.0	APHA 7500-Ra B et EPA P.13 (EMSL-CI)
M-SULF-2.0	MA.300-Ions 1.3

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-66004

Sampling location: ST-EEM-2a N 65 04.11.74 W 95 58.51.01

Sampling date: July 24, 2017

Sample name: ST-EEM-2a

Sampling hour: 08:00

Sampled by: Martin Theriault

Date received: July 25, 2017

Matrix: Waste Water

Drinking water distribution: **Vault**

Reported on: August 17, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Lab number: V-66004

Sample name: ST-EEM-2a

Sampling date: July 24, 2017

Sampling location: ST-EEM-2a N 65 04.11.74 W 95 58.51.01

Sampling hour: 08:00

Parameter	Result	Method name	Analysis date
Alkalinity	53 mg CaCO ₃ /L	M-TIT-1.0	July 25, 2017
Aluminium (Al)	0.101 mg/L	Sous-traitance\Multilab Direct	August 02, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	0.98 mg N/L	Sous-traitance\Multilab Direct	July 26, 2017
Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	August 02, 2017
Hardness	77 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	August 02, 2017
Iron (Fe)	0.21 mg/L	Sous-traitance\Multilab Direct	August 02, 2017
Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	August 16, 2017
Molybdenum (Mo)	0.0081 mg/L	Sous-traitance\Multilab Direct	August 02, 2017
Ammonia NH ₃ (non-ionized)	0.01 mg N/L	Sous-traitance\Multilab Direct	July 26, 2017
Nitrate (NO ₃)	2.90 mg N/L	Sous-traitance\Multilab Direct	July 26, 2017
Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 02, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
This report shall not be reproduced except in full without the written authority of the laboratory.



Quality control Report

Lab number: V-66004

Sample name: ST-EEM-2a

Sampling date: July 24, 2017

Sampling location: ST-EEM-2a N 65 04.11.74 W 95 58.51.01

Sampling hour: 08:00

Parameter

Alkalinity mg CaCO₃/L Standard name STD alcalinité
Result 147
Accuracy 98.6%
Limit 123 - 167

Aluminium (Al) mg/L Blank <0.006
Standard name C00-046-705_X_1000
Result 1.20
Accuracy 80%
Limit 0.800 - 1.200

Ammonia nitrogen (NH₃-NH₄) m Blank <0.01
Standard name DMR-0343-2017-NH₃-NH₄
Result 2.25
Accuracy 94.4%
Limit 1.81 - 2.45

Cadmium (Cd) mg/L Blank <0.00002
Standard name C00-046-705_X_1000
Result 0.10286
Accuracy 97.1%
Limit 0.0800 - 0.1200

Iron (Fe) mg/L Blank <0.01
Standard name C00-046-705_X_1000
Result 1.15
Accuracy 85%
Limit 0.800 - 1.200

Mercury (Hg) mg/L Blank <0.00001
Standard name DMR-0343-2017-HgEu
Result 0.00055
Accuracy 78.6%
Limit 0.00042 - 0.00098

Molybdenum (Mo) mg/L Blank <0.0005
Standard name C00-046-705_X_1000
Result 0.0975
Accuracy 97.5%
Limit 0.0800 - 0.1200

Ammonia NH₃ (non-ionized) mg Blank <0.01

Nitrate (NO₃) mg N/L Blank <0.01

Selenium (Se) mg/L Blank <0.001

Standard name C00-046-705_X_1000
Result 0.101
Accuracy 99%

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Quality control Report

Lab number: V-66004

Sample name: ST-EEM-2a

Sampling date: July 24, 2017

Sampling location: ST-EEM-2a N 65 04.11.74 W 95 58.51.01

Sampling hour: 08:00

Parameter

Limit 0.0800 - 0.1200

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Additional information

Lab number: V-66004

Sample name: ST-EEM-2a

Sampling location: ST-EEM-2a N 65 04.11.74 W 95 58.51.01

Sampling date: July 24, 2017

Sampling hour: 08:00

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-NH3-2.0	MA.300-N 2.0
M-NITR-2.0	MA.300-NO3 2.0

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-66005

Sampling location: ST-EEM-2a N 65 04.11.74 W 95 58.51.01

Sampling date: July 24, 2017

Sample name: ST-EEM-2a DUP

Sampling hour: 08:00

Sampled by: Martin Theriault

Date received: July 25, 2017

Matrix: Waste Water

Drinking water distribution: **Vault**

Reported on: August 17, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Lab number: V-66005

Sample name: ST-EEM-2a DUP

Sampling date: July 24, 2017

Sampling location: ST-EEM-2a N 65 04.11.74 W 95 58.51.01

Sampling hour: 08:00

Parameter	Result	Method name	Analysis date
Alkalinity	53 mg CaCO3/L	M-TIT-1.0	July 25, 2017
Aluminium (Al)	0.125 mg/L	Sous-traitance\Multilab Direct	August 02, 2017
Ammonia nitrogen (NH3-NH4)	1.00 mg N/L	Sous-traitance\Multilab Direct	July 26, 2017
Cadmium (Cd)	0.00004 mg/L	Sous-traitance\Multilab Direct	August 02, 2017
Hardness	97 mg CaCO3/L	Sous-traitance\Multilab Direct	August 02, 2017
Iron (Fe)	0.22 mg/L	Sous-traitance\Multilab Direct	August 02, 2017
Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	August 16, 2017
Molybdenum (Mo)	0.0104 mg/L	Sous-traitance\Multilab Direct	August 02, 2017
Ammonia NH3 (non-ionized)	0.01 mg N/L	Sous-traitance\Multilab Direct	July 26, 2017
Nitrate (NO3)	2.89 mg N/L	Sous-traitance\Multilab Direct	July 26, 2017
Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 02, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
This report shall not be reproduced except in full without the written authority of the laboratory.



Detection limit

Lab number: V-66005

Sample name: ST-EEM-2a DUP

Sampling date: July 24, 2017

Sampling location: ST-EEM-2a N 65 04.11.74 W 95 58.51.01

Sampling hour: 08:00

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO3/L	M-TIT-1.0	
Aluminium (Al)	0.006	mg/L	Sous-traitance	
Ammonia nitrogen (NH3-NH4)	0.01	mg N/L	Sous-traitance	Yes
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO3/L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Ammonia NH3 (non-ionized)	0.01	mg N/L	Sous-traitance	-
Nitrate (NO3)	0.01	mg N/L	Sous-traitance	Yes
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Quality control Report

Lab number: V-66005

Sample name: ST-EEM-2a DUP

Sampling date: July 24, 2017

Sampling location: ST-EEM-2a N 65 04.11.74 W 95 58.51.01

Sampling hour: 08:00

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 147 Accuracy 98.6% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006 Standard name C00-046-705_X_1000 Result 1.20 Accuracy 80% Limit 0.800 - 1.200
Ammonia nitrogen (NH ₃ -NH ₄) m	Blank <0.01 Standard name DMR-0343-2017-NH ₃ -NH ₄ Result 2.25 Accuracy 94.4% Limit 1.81 - 2.45
Cadmium (Cd) mg/L	Blank <0.00002 Standard name C00-046-705_X_1000 Result 0.10286 Accuracy 97.1% Limit 0.0800 - 0.1200
Iron (Fe) mg/L	Blank <0.01 Standard name C00-046-705_X_1000 Result 1.15 Accuracy 85% Limit 0.800 - 1.200
Mercury (Hg) mg/L	Blank <0.00001 Standard name DMR-0343-2017-HgEu Result 0.00055 Accuracy 78.6% Limit 0.00042 - 0.00098
Molybdenum (Mo) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0975 Accuracy 97.5% Limit 0.0800 - 0.1200
Ammonia NH ₃ (non-ionized) mg	Blank <0.01
Nitrate (NO ₃) mg N/L	Blank <0.01
Selenium (Se) mg/L	Blank <0.001 Standard name C00-046-705_X_1000 Result 0.101 Accuracy 99%

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Quality control Report

Lab number: V-66005

Sample name: ST-EEM-2a DUP

Sampling date: July 24, 2017

Sampling location: ST-EEM-2a N 65 04.11.74 W 95 58.51.01

Sampling hour: 08:00

Parameter

Limit 0.0800 - 0.1200

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Additional information

Lab number: V-66005

Sample name: ST-EEM-2a DUP

Sampling date: July 24, 2017

Sampling location: ST-EEM-2a N 65 04.11.74 W 95 58.51.01

Sampling hour: 08:00

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-NH3-2.0	MA.300-N 2.0
M-NITR-2.0	MA.300-NO3 2.0

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-66006

Sampling location: ST-EEM-2a N 65 04.11.74 W 95 58.51.01

Sampling date: July 24, 2017

Sample name: ST-EEM-2a FB

Sampling hour: 08:00

Sampled by: Martin Theriault

Date received: July 25, 2017

Matrix: Waste Water

Drinking water distribution: **Vault**

Reported on: August 17, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Lab number: V-66006

Sample name: ST-EEM-2a FB

Sampling date: July 24, 2017

Sampling location: ST-EEM-2a N 65 04.11.74 W 95 58.51.01

Sampling hour: 08:00

Parameter	Result	Method name	Analysis date
Alkalinity	10 mg CaCO ₃ /L	M-TIT-1.0	July 25, 2017
Aluminium (Al)	0.011 mg/L	Sous-traitance\Multilab Direct	August 02, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	0.01 mg N/L	Sous-traitance\Multilab Direct	July 26, 2017
Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	August 02, 2017
Hardness	<1 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	August 02, 2017
Iron (Fe)	<0.01 mg/L	Sous-traitance\Multilab Direct	August 02, 2017
Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	August 16, 2017
Molybdenum (Mo)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 02, 2017
Ammonia NH ₃ (non-ionized)	<0.01 mg N/L	Sous-traitance\Multilab Direct	July 26, 2017
Nitrate (NO ₃)	0.02 mg N/L	Sous-traitance\Multilab Direct	July 26, 2017
Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 02, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
This report shall not be reproduced except in full without the written authority of the laboratory.



Detection limit

Lab number: V-66006

Sample name: ST-EEM-2a FB

Sampling date: July 24, 2017

Sampling location: ST-EEM-2a N 65 04.11.74 W 95 58.51.01

Sampling hour: 08:00

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO3/L	M-TIT-1.0	
Aluminium (Al)	0.006	mg/L	Sous-traitance	
Ammonia nitrogen (NH3-NH4)	0.01	mg N/L	Sous-traitance	Yes
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO3/L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Ammonia NH3 (non-ionized)	0.01	mg N/L	Sous-traitance	-
Nitrate (NO3)	0.01	mg N/L	Sous-traitance	Yes
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

This report shall not be reproduced except in full without the written authority of the laboratory.



Quality control Report

Lab number: V-66006

Sample name: ST-EEM-2a FB

Sampling date: July 24, 2017

Sampling location: ST-EEM-2a N 65 04.11.74 W 95 58.51.01

Sampling hour: 08:00

Parameter	
Alkalinity mg CaCO3/L	Standard name STD alcalinité Result 147 Accuracy 98.6% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006 Standard name C00-046-705_X_1000 Result 1.20 Accuracy 80% Limit 0.800 - 1.200
Ammonia nitrogen (NH3-NH4) m	Blank <0.01 Standard name DMR-0343-2017-NH3-NH4 Result 2.25 Accuracy 94.4% Limit 1.81 - 2.45
Cadmium (Cd) mg/L	Blank <0.00002 Standard name C00-046-705_X_1000 Result 0.10286 Accuracy 97.1% Limit 0.0800 - 0.1200
Iron (Fe) mg/L	Blank <0.01 Standard name C00-046-705_X_1000 Result 1.15 Accuracy 85% Limit 0.800 - 1.200
Mercury (Hg) mg/L	Blank <0.00001 Standard name DMR-0343-2017-HgEu Result 0.00055 Accuracy 78.6% Limit 0.00042 - 0.00098 Sample duplicate <0.00001-<0.00001
Molybdenum (Mo) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0975 Accuracy 97.5% Limit 0.0800 - 0.1200
Ammonia NH3 (non-ionized) mg	Blank <0.01
Nitrate (NO3) mg N/L	Blank <0.01
Selenium (Se) mg/L	Blank <0.001 Standard name C00-046-705_X_1000 Result 0.101

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

This report shall not be reproduced except in full without the written authority of the laboratory.



Quality control Report

Lab number: V-66006

Sample name: ST-EEM-2a FB

Sampling date: July 24, 2017

Sampling location: ST-EEM-2a N 65 04.11.74 W 95 58.51.01

Sampling hour: 08:00

Parameter

Accuracy 99%
Limit 0.0800 - 0.1200

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

This report shall not be reproduced except in full without the written authority of the laboratory.

Client : 6088 H2LAB

Job Number: B746069

Client Project Name & Number: -

Test Result:

96 hrs LC50 %v/v (95% CL): >100 (N/A) Statistical Method: Visual

Toxic Units: <1.0

Comment: non-toxique

Sample Name : 66286 (ST-10/ST-MMER-2)

Description: transparent, peu de solides

Sample Matrix : WATER

Sample Collected: Aug 01, 2017 09:30 AM Sampling Method : Grab

Sample Number: EJ2124-01

Sample Collected By: TOM T Volume Received: 40 L

Site Collection: ST-10 65.01.11.2..N

Sample Received: Aug 03, 2017 11:30 AM pH: 7.0

Temp.Upon Arrival: 20 °C Storage: 2-6°C

Analysis Start : Aug 06, 2017 08:45 AM Temperature : 15 °C

Dissolved Oxygen: 9.3 mg/L

Sample Conductance: 220 µS/cm

Concentration	Temperature (°C)	pH (pH)	Conductivity (uS/cm)	Dissolved oxygen (mg/L)	Temperature (°C)	pH (pH)	Dissolved oxygen (mg/L)	Atypical Behaviour (#)	Atypical Behaviour (%)	Mortality (#)	Mortality (%)
%v/v	Initial	Initial	Initial	Initial	96 hrs	96 hr	96 hrs	24 hrs	24 hrs	24 hrs	24 hrs
0	16	7.3	238	9.6	15	7.5	9.7	0	0	0	0
6.25	16	7.3	236	9.6	16	7.5	9.6	0	0	0	0
12.5	16	7.3	236	9.6	16	7.5	9.5	0	0	0	0
25	16	7.3	234	9.6	15	7.4	9.7	0	0	0	0
50	16	7.3	229	9.6	15	7.4	9.6	0	0	0	0
100	15	7.2	220	9.5	15	7.4	9.7	0	0	0	0

Concentration	Atypical Behaviour (#)	Atypical Behaviour (%)	Mortality (#)	Mortality (%)	Atypical Behaviour (#)	Atypical Behaviour (%)	Mortality (#)	Mortality (%)	Atypical Behaviour (#)	Atypical Behaviour (%)	Mortality (#)	Mortality (%)
%v/v	48 hrs	48 hrs	48 hrs	48 hrs	72 hrs	72 hrs	72 hrs	72 hrs	96 hrs	96 hrs	96 hrs	96 hrs
0	0	0	0	0	0	0	0	0	0	0	0	0
6.25	0	0	0	0	0	0	0	0	0	0	0	0
12.5	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0
50	0	0	0	0	0	0	0	0	0	0	0	0
100	0	0	0	0	0	0	0	0	0	0	0	0

Comments : Aucune anomalie observée durant l'essai.

Culture/Control/Dilution Water

Dechlorinated municipal tap water

Hardness:

65 mg/l CaCO₃

Other parameters available on request.

Test Conditions

Test concentration : 0,6.25,12.5,25,50,100 (%v/v)

Organisms per Vessel : 10

Test Temperature : 15 ± 1 °C

Solution Depth : 20 cm

Total # of Organisms Used : 60

Pre-aeration Time : 30 min.

Rate of Aeration : 6.5±1 mL/min/L

Test Volume : 16 L

Vessel Volume : 20L

Test pH Adjusted: No

Loading Density : 0.4 g/L

Photoperiod : 16 hours of light; 8 hours of darkness

Type de réservoir d'essai:

20L glass aquarium with polyethylene bag.

The results contained in this report refer only to the testing of the sample submitted. This report may not be reproduced, except in its entirety, without the written approval of the laboratory.

Client : 6088 H2LAB
Client Project Name & Number: -

Job Number: B746069
Sample Number: EJ2124-01

Test Organism : Rainbow Trout (*Oncorhynchus mykiss*) Source : Piscicultures Les Arpents Verts
Culture Temperature : 15 ± 2 °C **Weight (Mean) +- SD :** 0.6 ± 0.1 g **Length (Mean) +- SD :** 3.98 ± 0.26 cm
Culture Water Renewal : 2 liters/min **Weight (Range) :** 0.4 ± 0.9 g **Length (Range) :** 3.70 – 4.50 cm
Culture Photoperiod : 16 hours of light; 8 hours of darkness **% Mortality within 7 days :** 0%
Feeding rate and frequency : 1-2x a day; 1-5% of the body weights. **Acclimation Time:** >14 days

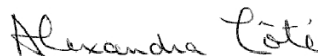
Reference chemical: Phenol Test Date: Aug 03, 2017
Test Endpoint 96 hrs LC50 (95% confidence interval) : 10.8 (9.48, 12.3)mg/L **Statistical Method :** Probit
Historical Mean LC50 (warning limits) : 10.6 (8.23, 13.5) mg/L **Concentration :** 0,4,6,9,13,18 mg/L

Test Method QUE SOP - 00408. Reference Method for Determining Acute Lethality of Effluents to Rainbow Trout. EPS1/RM/13 - Second Edition. Environment Canada. 2000. (Including Amendments: May 2007).

This is essentially a 96H static test. Ten individuals are submitted to different effluent concentrations in order to measure the LC50 in controlled temperature, light intensity and loading density.

Method Deviations : Aucune

Analyst : Keven Dumas



Verified By : Alexandra Côté, B.Sc. Biologist

Date: Aug 17, 2017 08:10 AM

Client : 6088 H2LAB

Job Number: B746069

Client Project Name & Number: -

No. d'échantillon : EJ2124-02

Test Result:

48 hrs LC50 %v/v (95% CL): >100 (N/A) Statistical Method: Visual

Toxic Units: <1.0

48 hrs EC50 %v/v (95% CL): >100 (N/A) Statistical Method: Visual

Comment: non-toxique

Sample Name : 66286 (ST-10/ST-MMER-2)

Sample Matrix : WATER

Description: incolore, translucide, inodore, aucun solide

Sample Prior to Analysis:

Sample Collected: Aug 01, 2017 09:30 AM

Sampling Method : Grab

pH: 7.2

Sample Collected By: TOM T

Site Collection: ST-10 65.01.11.2..N

Temperature : 20 °C

Sample Received: Aug 03, 2017 11:30 AM

Volume Received: 1L

Dissolved Oxygen: 9.9 mg/L

Analysis Start : Aug 05, 2017 12:50 PM

Temp. Upon Arrival: 20 °C

Sample Conductance: 217 µS/cm

End : Aug 07, 2017 02:25 PM

Storage: 2-6°C

Hardness: 86 mg CaCO₃/L

Concentration	Temperature (°C)	pH (pH)	Conductivity (µS/cm)	Dissolved oxygen (mg/L)	Temperature (°C)	pH (pH)	Dissolved oxygen (mg/L)	Immobility (#)	Immobility (%)	Mortality (#)	Mortality (%)
%v/v	Initial	Initial	Initial	Initial	48 hrs	48 hr	48 hrs	48 hrs	48 hrs	48 hrs	48 hrs
0	19	7.9	447	8.8	18	7.4	9.0	0	0	0	0
6.25	19	7.9	460	8.7	18	7.5	8.9	0	0	0	0
12.5	19	7.9	455	8.9	18	7.6	9.0	0	0	0	0
25	19	7.9	419	9.0	18	7.7	9.0	0	0	0	0
50	19	7.8	352	9.2	19	7.7	9.0	0	0	1	10.0
100	19	7.6	221	9.7	18	7.7	9.0	0	0	0	0

Comments :

Culture/Control/Dilution Water:

Reconstituted water for Daphnia

Hardness:

175 mg/l CaCO₃

Other parameters available on request.

Test Conditions

Test concentration : 0,6.25,12.5,25,50,100 (%v/v)

Organisms per Vessel : 10

Pre-aeration Time : 30 min

Rate of Pre-aeration : 40±5 mL/min/L

Total # of Organisms Used : 60

Test Temperature : 20 ± 2 °C

Test Hardness Adjusted : No

Test Volume : 150 mL

Vessel Volume : 270 ml

Test pH Adjusted: No

Loading Density : 15.0 mL/Daphnia

Photoperiod : 16 hours of light; 8 hours of darkness

Test Organism :

Daphnia magna

Source : Maxxam Lab Culture

Age at Test Initiation : <24 hres

Average Brood Size : 16.8

Culture Photoperiod : 16 hours of light; 8 hours of darkness

% Mortality within 7 days : 1.0

Culture Temperature : 20 ± 2 °C

Time To First Brood : 8 Days

Culture Diet

Fed once a day.

Reference chemical:

Potassium Dichromate

Test Date:

Aug 07, 2017

Test Endpoint 48 hrs LC50 (95% confidence interval) :

0.16 (0.063, 0.25)mg/L

Statistical Method :

Binomial

Historical Mean LC50 (warning limits) :

0.20 (0.11, 0.35) mg/L

Concentration : 0,0.0625,0.125,0.25,0.5,1 mg/L

Test Method

QUE SOP-00406. Reference Method for Determining Acute Lethality of Effluents to Daphnia magna. EPS1/RM/14 - Second Edition. Environment Canada. 2000.

This is essentially a 48H static test. Ten individuals are submitted to different effluent concentrations in order to measure the LC50 in controlled temperature, light intensity and loading density.

Method Deviations:

Aucune

The results contained in this report refer only to the testing of the sample submitted. This report may not be reproduced, except in its entirety, without the written approval of the laboratory.

Client : 6088 H2LAB

Job Number: B746069

Client Project Name & Number: -

No. d'échantillon : EJ2124-02

Analyst : Angela Paquet-Walsh, Véronique Fournier

Alexandra Côté

Verified By : Alexandra Côté, B.Sc. Biologist

Date: Aug 17, 2017 08:13 AM

The results contained in this report refer only to the testing of the sample submitted. This report may not be reproduced, except in its entirety, without the written approval of the laboratory.



Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-66286

Sampling location: ST-10 65.01.11.2.. N 96.02.32.0..W

Sampling date: August 01, 2017

Sample name: ST-10/ST-MMER-2

Sampling hour: 09:30

Sampled by: Tom T

Date received: August 02, 2017

Matrix: Water

Drinking water distribution: **Vault**

Corrected certificate, replacing the certificate V-66286 done on August 30 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
This report shall not be reproduced except in full without the written authority of the laboratory.



Analytical Report

Lab number: V-66286

Sample name: ST-10/ST-MMER-2

Sampling date: August 01, 2017

Sampling location: ST-10 65.01.11.2.. N 96.02.32.0..W

Sampling hour: 09:30

Parameter	Result	Method name	Analysis date
Alkalinity	51 mg CaCO ₃ /L	M-TIT-1.0	August 02, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	0.91 mg N/L	Sous-traitance\Multilab Direct	August 03, 2017
Kjeldahl nitrogen	0.75 mg N/L	Sous-traitance\Multilab Direct	August 08, 2017
bicarbonate (HCO ₃)	51 mg CaCO ₃ /L	M-TIT-1.0	August 02, 2017
Carbonate (CO ₃)	<2 mg CaCO ₃ /L	M-TIT-1.0	August 02, 2017
Dissolved Organic Carbon (D.O.C.)	4.8 mg/L	M-COT-1.0	August 02, 2017
Total Organic Carbon (T.O.C.)	4.8 mg/L	M-COT-1.0	August 02, 2017
Chloride	6.4 mg/L	Sous-traitance\Multilab Direct	August 04, 2017
Total Cyanide (CNT)	0.001 mg/L	Sous-traitance\Multilab Direct	August 08, 2017
Daphnia Magna	See sub file	Sous-traitance\Maxxam	August 05, 2017
Hydrocarbons (C10-C50)	<0.1 mg/L	M-HYD-2.0	August 04, 2017
Total Suspended Solids	1 mg/L	M-SOLI-1.0	September 06, 2017
Ammonia NH ₃ (non-ionized)	0.02 mg N/L	Sous-traitance\Multilab Direct	August 03, 2017
Nitrate (NO ₃)	2.98 mg N/L	Sous-traitance\Multilab Direct	August 04, 2017
Nitrite (NO ₂)	0.03 mg N/L	Sous-traitance\Multilab Direct	August 04, 2017
Ortho-Phosphate (O-PO ₄)	<0.01 mg P/L	Sous-traitance\Multilab Direct	August 03, 2017
Total Phosphorus (P)	<0.01 mg P/L	Sous-traitance\Multilab Direct	August 10, 2017
Dissolved Solids	147 mg/L	M-TIT-1.0	August 02, 2017
Sulfate (SO ₄)	49.0 mg SO ₄ /L	Sous-traitance\Multilab Direct	August 03, 2017
Rainbow trout	See sub file	Sous-traitance\Maxxam	August 06, 2017
Radium (Ra 226)	0.009 Becquerels/L	M-RA-2.0	August 16, 2017
Reactive silica (SiO ₂)	1.0 mg/L	Sous-traitance\Maxxam	August 08, 2017
Aluminium (Al)	0.069 mg/L	Sous-traitance\Environex	August 17, 2017
Dissolved Aluminium (Al)	0.030 mg/L	Sous-traitance\Environex	August 17, 2017
Antimony (Sb)	0.0010 mg/L	Sous-traitance\Environex	August 17, 2017
Dissolved Antimony (Sb)	0.0012 mg/L	Sous-traitance\Environex	August 17, 2017
Arsenic (As)	<0.0005 mg/L	Sous-traitance\Environex	August 17, 2017
Dissolved Arsenic (As)	<0.0005 mg/L	Sous-traitance\Environex	August 17, 2017
Barium (Ba)	0.0193 mg/L	Sous-traitance\Environex	August 17, 2017
Dissolved Barium (Ba)	0.0155 mg/L	Sous-traitance\Environex	August 17, 2017
Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Environex	August 17, 2017
Dissolved Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Environex	August 17, 2017
Boron (B)	<0.01 mg/L	Sous-traitance\Environex	August 17, 2017
Dissolved Boron (B)	<0.01 mg/L	Sous-traitance\Environex	August 17, 2017
Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Environex	August 17, 2017
Dissolved Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Environex	August 17, 2017
Calcium (Ca)	25.8 mg/L	Sous-traitance\Environex	August 17, 2017
Chrome (Cr)	<0.0006 mg/L	Sous-traitance\Environex	August 17, 2017
Dissolved Chromium (Cr)	0.0008 mg/L	Sous-traitance\Environex	August 17, 2017
Copper (Cu)	0.0027 mg/L	Sous-traitance\Environex	August 17, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Analytical Report

Lab number: V-66286

Sample name: ST-10/ST-MMER-2

Sampling date: August 01, 2017

Sampling location: ST-10 65.01.11.2.. N 96.02.32.0..W

Sampling hour: 09:30

Parameter	Result	Method name	Analysis date
Dissolved Copper (Cu)	0.0022 mg/L	Sous-traitance\Environex	August 17, 2017
Hardness	90 mg CaCO3/L	Sous-traitance\Environex	August 17, 2017
Tin (Sn)	<0.001 mg/L	Sous-traitance\Environex	August 17, 2017
dissolved Tin (Sn)	<0.001 mg/L	Sous-traitance\Environex	August 17, 2017
Iron (Fe)	0.04 mg/L	Sous-traitance\Environex	August 17, 2017
Dissolved Iron (Fe)	0.01 mg/L	Sous-traitance\Environex	August 17, 2017
Lithium (Li)	<0.005 mg/L	Sous-traitance\Environex	August 18, 2017
Dissolved Lithium (Li)	<0.005 mg/L	Sous-traitance\Environex	August 18, 2017
Magnesium (Mg)	6.23 mg/L	Sous-traitance\Environex	August 17, 2017
Manganese (Mn)	0.0284 mg/L	Sous-traitance\Environex	August 17, 2017
Dissolved Manganese (Mn)	<0.0005 mg/L	Sous-traitance\Environex	August 17, 2017
Mercury (Hg)	0.00020 mg/L	Sous-traitance\Environex	August 17, 2017
Dissolved Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Environex	August 17, 2017
Molybdenum (Mo)	0.0098 mg/L	Sous-traitance\Environex	August 17, 2017
Dissolved Molybdenum (Mo)	0.0087 mg/L	Sous-traitance\Environex	August 17, 2017
Nickel (Ni)	0.0047 mg/L	Sous-traitance\Environex	August 17, 2017
Dissolved Nickel (Ni)	0.0044 mg/L	Sous-traitance\Environex	August 17, 2017
Lead (Pb)	0.0004 mg/L	Sous-traitance\Environex	August 17, 2017
Dissolved Lead (Pb)	<0.0003 mg/L	Sous-traitance\Environex	August 17, 2017
Potassium (K)	3.61 mg/L	Sous-traitance\Environex	August 17, 2017
Selenium (Se)	<0.001 mg/L	Sous-traitance\Environex	August 17, 2017
Dissolved Selenium (Se)	<0.001 mg/L	Sous-traitance\Environex	August 17, 2017
Sodium (Na)	3.37 mg/L	Sous-traitance\Environex	August 17, 2017
Strontium (Sr)	0.149 mg/L	Sous-traitance\Environex	August 18, 2017
dissolved Strontium (Sr)	0.164 mg/L	Sous-traitance\Environex	August 18, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Environex	August 18, 2017
Dissolved thallium (Tl)	<0.0008 mg/L	Sous-traitance\Environex	August 18, 2017
Titanium (Ti)	0.02 mg/L	Sous-traitance\Environex	August 17, 2017
Dissolved titanium (Ti)	0.02 mg/L	Sous-traitance\Environex	August 17, 2017
Uranium (U)	0.002 mg/L	Sous-traitance\Environex	August 17, 2017
Dissolved Uranium (U)	0.002 mg/L	Sous-traitance\Environex	August 17, 2017
Vanadium (V)	<0.0005 mg/L	Sous-traitance\Environex	August 17, 2017
Dissolved Vanadium	<0.0005 mg/L	Sous-traitance\Environex	August 17, 2017
Zinc (Zn)	0.002 mg/L	Sous-traitance\Environex	August 17, 2017
Dissolved Zinc	0.003 mg/L	Sous-traitance\Environex	August 17, 2017

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Detection limit

Lab number: V-66286

Sample name: ST-10/ST-MMER-2

Sampling date: August 01, 2017

Sampling location: ST-10 65.01.11.2. N 96.02.32.0.W

Sampling hour: 09:30

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO3/L	M-TIT-1.0	
Ammonia nitrogen (NH3-NH4)	0.01	mg N/L	Sous-traitance	Yes
Kjeldahl nitrogen	0.05	mg N/L	Sous-traitance	Yes
bicarbonate (HCO3)	2	mg CaCO3/L	M-TIT-1.0	
Carbonate (CO3)	2	mg CaCO3/L	M-TIT-1.0	
Dissolved Organic Carbon (D.O.C.)	0.2	mg/L	M-COT-1.0	--
Total Organic Carbon (T.O.C.)	0.2	mg/L	M-COT-1.0	Yes
Chloride	0.5	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Daphnia Magna			Sous-traitance	Yes
Hydrocarbons (C10-C50)	0.1	mg/L	M-HYD-2.0	Yes
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Ammonia NH3 (non-ionized)	0.01	mg N/L	Sous-traitance	-
Nitrate (NO3)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO2)	0.01	mg N/L	Sous-traitance	Yes
Ortho-Phosphate (O-PO4)	0.01	mg P/L	Sous-traitance	Yes
Total Phosphorus (P)	0.01	mg P/L	Sous-traitance	Yes
Dissolved Solids	1	mg/L	M-TIT-1.0	
Sulfate (SO4)	0.6	mg SO4/L	Sous-traitance	Yes
Rainbow trout			Sous-traitance	Yes
Radium (Ra 226)	0.002	Becquerels/L	M-RA-2.0	Yes
Reactive silica (SiO2)		mg/L	Sous-traitance	
Aluminium (Al)	0.01	mg/L	Sous-traitance	
Antimony (Sb)	0.0001	mg/L	Sous-traitance	
Dissolved Antimony (Sb)	0.0001	mg/L	Sous-traitance	
Arsenic (As)	0.0005	mg/L	Sous-traitance	
Dissolved Arsenic (As)	0.0005	mg/L	Sous-traitance	
Barium (Ba)	0.001	mg/L	Sous-traitance	
Dissolved Barium (Ba)	0.001	mg/L	Sous-traitance	
Beryllium (Be)	0.0005	mg/L	Sous-traitance	
Dissolved Beryllium (Be)	0.0005	mg/L	Sous-traitance	
Boron (B)	0.01	mg/L	Sous-traitance	
Dissolved Boron (B)	0.01	mg/L	Sous-traitance	
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	
Dissolved Cadmium (Cd)	0.00002	mg/L	Sous-traitance	
Calcium (Ca)	0.5	mg/L	Sous-traitance	
Chrome (Cr)	0.0006	mg/L	Sous-traitance	
Dissolved Chromium (Cr)	0.0006	mg/L	Sous-traitance	
Copper (Cu)	0.0001	mg/L	Sous-traitance	
Dissolved Copper (Cu)	0.0001	mg/L	Sous-traitance	

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Detection limit

Lab number: V-66286

Sample name: ST-10/ST-MMER-2

Sampling date: August 01, 2017

Sampling location: ST-10 65.01.11.2. N 96.02.32.0.W

Sampling hour: 09:30

Parameter	Value	Unit	Method	Accreditation
Hardness	1	mg CaCO ₃ /L	Sous-traitance	
Tin (Sn)	0.001	mg/L	Sous-traitance	
dissolved Tin (Sn)	0.001	mg/L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	
Dissolved Iron (Fe)	0.01	mg/L	Sous-traitance	
Lithium (Li)	0.005	mg/L	Sous-traitance	
Dissolved Lithium (Li)	0.005	mg/L	Sous-traitance	
Magnesium (Mg)	0.5	mg/L	Sous-traitance	
Manganese (Mn)	0.0005	mg/L	Sous-traitance	
Dissolved Manganese (Mn)	0.0005	mg/L	Sous-traitance	
Mercury (Hg)	0.00001	mg/L	Sous-traitance	
Dissolved Mercury (Hg)	0.00001	mg/L	Sous-traitance	
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	
Nickel (Ni)	0.0020	mg/L	Sous-traitance	
Lead (Pb)	0.0003	mg/L	Sous-traitance	
Dissolved Lead (Pb)	0.0003	mg/L	Sous-traitance	
Potassium (K)	0.5	mg/L	Sous-traitance	
Selenium (Se)	0.001	mg/L	Sous-traitance	
Dissolved Selenium (Se)	0.001	mg/L	Sous-traitance	
Sodium (Na)	0.5	mg/L	Sous-traitance	
Strontium (Sr)	0.02	mg/L	Sous-traitance	
dissolved Strontium (Sr)		mg/L	Sous-traitance	
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Dissolved thallium (Tl)	0.0008	mg/L	Sous-traitance	
Titanium (Ti)	0.01	mg/L	Sous-traitance	
Dissolved titanium (Ti)	0.01	mg/L	Sous-traitance	
Uranium (U)	0.001	mg/L	Sous-traitance	
Dissolved Uranium (U)	0.001	mg/L	Sous-traitance	
Vanadium (V)	0.0005	mg/L	Sous-traitance	
Dissolved Vanadium	0.0005	mg/L	Sous-traitance	
Zinc (Zn)	0.001	mg/L	Sous-traitance	
Dissolved Zinc	0.001	mg/L	Sous-traitance	

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Quality control Report

Lab number: V-66286

Sample name: ST-10/ST-MMER-2

Sampling date: August 01, 2017

Sampling location: ST-10 65.01.11.2.. N 96.02.32.0..W

Sampling hour: 09:30

Parameter	
Alkalinity mg CaCO3/L	Standard name STD alcalinité Result 151 Accuracy 95.9% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006
	Standard name DMR-0219-2017-Eu Result 6.04 Accuracy 96.3% Limit 5.02 - 7.52
Dissolved Aluminium (Al) mg/L	Blank <0.006
	Standard name DMR-0219-2017-Eu Result 6.76 Accuracy 92.2% Limit 5.02 - 7.52
Antimony (Sb) mg/L	Blank <0.0001
	Standard name C00-046-705_X_1000 Result 0.00831 Accuracy 83.1% Limit 0.0080 - 0.0120
Dissolved Antimony (Sb) mg/L	Blank <0.0001
	Standard name DMR-0219-2017-Eu Result 0.1866 Accuracy 84.1% Limit 0.178 - 0.266
Arsenic (As) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu Result 0.2825 Accuracy 99.5% Limit 0.199 - 0.369
Dissolved Arsenic (As) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu Result 0.3173 Accuracy 88.3% Limit 0.199 - 0.369
Ammonia nitrogen (NH3-NH4) m	Blank <0.01
	Standard name DMR-0343-2017-NH3-NH4 Result 2.34 Accuracy 90.1% Limit 1.81 - 2.45
Kjeldahl nitrogen mg N/L	Blank <0.05

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Quality control Report

Lab number: V-66286

Sample name: ST-10/ST-MMER-2

Sampling date: August 01, 2017

Sampling location: ST-10 65.01.11.2.. N 96.02.32.0..W

Sampling hour: 09:30

Parameter	
	Standard name DMR-0343-2017-NTK
	Result 5.64
	Accuracy 99.5%
	Limit 4.82 - 6.52
Barium (Ba) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 2.002
	Accuracy 82.4%
	Limit 1.94 - 2.92
Dissolved Barium (Ba) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 2.083
	Accuracy 85.7%
	Limit 1.94 - 2.92
Beryllium (Be) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.740
	Accuracy 97.6%
	Limit 1.36 - 2.04
Dissolved Beryllium (Be) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.879
	Accuracy 89.5%
	Limit 1.36 - 2.04
Boron (B) mg/L	Blank <0.01
	Standard name DMR-0219-2017-Eu
	Result 3.00
	Accuracy 95.8%
	Limit 2.30 - 3.46
Dissolved Boron (B) mg/L	Blank <0.01
	Standard name DMR-0219-2017-Eu
	Result 3.30
	Accuracy 85.4%
	Limit 2.30 - 3.46
Cadmium (Cd) mg/L	Blank <0.00002
	Standard name DMR-0219-2017-Eu
	Result 0.84719
	Accuracy 94%
	Limit 0.721 - 1.081
Dissolved Cadmium (Cd) mg/L	Blank <0.00002

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Quality control Report

Lab number: V-66286

Sample name: ST-10/ST-MMER-2

Sampling date: August 01, 2017

Sampling location: ST-10 65.01.11.2.. N 96.02.32.0..W

Sampling hour: 09:30

Parameter	
	Standard name DMR-0219-2017-Eu
	Result 0.89350
	Accuracy 99.2%
	Limit 0.721 - 1.081
Calcium (Ca) mg/L	Blank <0.03
	Standard name DMR-0219-2017-Eu
	Result 19.9
	Accuracy 98.5%
	Limit 16.2 - 24.2
Dissolved Organic Carbon (D.O.C.) mg/L	Blank <0.2
	Standard name COD 10mg/L
	Result 11
	Accuracy 90%
	Limit 8 - 12
Total Organic Carbon (T.O.C.) mg/L	Blank <0.2
	Standard name COT 10mg/L
	Result 11
	Accuracy 90%
	Limit 8 - 12
Chloride mg/L	Blank <0.5
	Standard name DMR-0343-2017-CI
	Result 108
	Accuracy 100%
	Limit 95 - 121
	Sample duplicate 6.4-6.4
Chrome (Cr) mg/L	Blank <0.0006
	Standard name DMR-0219-2017-Eu
	Result 3.886
	Accuracy 96%
	Limit 3.24 - 4.86
Dissolved Chromium (Cr) mg/L	Blank <0.0006
	Standard name DMR-0219-2017-Eu
	Result 4.541
	Accuracy 87.9%
	Limit 3.24 - 4.86
Copper (Cu) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.408
	Accuracy 90%
	Limit 1.02 - 1.54

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

This report shall not be reproduced except in full without the written authority of the laboratory.



Quality control Report

Lab number: V-66286

Sample name: ST-10/ST-MMER-2

Sampling date: August 01, 2017

Sampling location: ST-10 65.01.11.2.. N 96.02.32.0..W

Sampling hour: 09:30

Parameter	
Dissolved Copper (Cu) mg/L	Blank <0.0005 Standard name DMR-0219-2017-Eu Result 1.525 Accuracy 80.9% Limit 1.02 - 1.54
Total Cyanide (CNT) mg/L	Blank <0.001 Standard name DMR-0343-CN Result 1.26 Accuracy 93.2% Limit 1.003 - 1.357
Tin (Sn) mg/L	Blank <0.001 Standard name DMR-0310-2016-Sn Result 9.94 Accuracy 90.4% Limit 7.26 - 10.88
dissolved Tin (Sn) mg/L	Blank <0.001 Standard name DMR-0310-2016-Sn Result 9.18 Accuracy 98.8% Limit 6.35 - 11.79
Iron (Fe) mg/L	Blank <0.01 Standard name DMR-0219-2017-Eu Result 13.4 Accuracy 82.5% Limit 9.1 - 13.7
Dissolved Iron (Fe) mg/L	Blank <0.01 Standard name DMR-0219-2017-Eu Result 13.4 Accuracy 82.5% Limit 9.1 - 13.7
Hydrocarbons (C10-C50) mg/L	Standard name MR-0.625mg/L Result 0.700 Accuracy 88% Limit 0.438 - 0.813
Hydrocarbons (C10-C50) mg/L	Blank 0.1 Standard name C10C50-200ppm Result 1.30 Accuracy 96% Limit 0.88 - 1.63
Lithium (Li) mg/L	Blank <0.005

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Quality control Report

Lab number: V-66286

Sample name: ST-10/ST-MMER-2

Sampling date: August 01, 2017

Sampling location: ST-10 65.01.11.2.. N 96.02.32.0..W

Sampling hour: 09:30

Parameter	
	Standard name DMR-0219-2017-Eu
	Result 0.787
	Accuracy 93%
	Limit 0.677 - 1.015
Dissolved Lithium (Li) mg/L	Blank <0.005
	Standard name DMR-0219-2017-Eu
	Result 0.817
	Accuracy 96.6%
	Limit 0.677 - 1.015
Total Suspended Solids mg/L	Blank <1
	Standard name STD-MES 25mg/L
	Result 24
	Accuracy 96%
	Limit 19 - 31
Total Suspended Solids mg/L	Blank <1
	Standard name STD-MES 25mg/L
	Result 21
	Accuracy 84%
	Limit 19 - 31
Magnesium (Mg) mg/L	Blank <0.02
	Standard name DMR-0219-2017-Eu
	Result 7.63
	Accuracy 96.5%
	Limit 6.33 - 9.49
Manganese (Mn) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 3.913
	Accuracy 99.7%
	Limit 3.12 - 4.68
Dissolved Manganese (Mn) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 4.241
	Accuracy 91.3%
	Limit 3.12 - 4.68
Mercury (Hg) mg/L	Blank <0.00001
	Standard name DMR-0343-2017-HgEu
	Result 0.00050
	Accuracy 71.4%
	Limit 0.00042 - 0.00098
Dissolved Mercury (Hg) mg/L	Blank <0.00001

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Quality control Report

Lab number: V-66286

Sample name: ST-10/ST-MMER-2

Sampling date: August 01, 2017

Sampling location: ST-10 65.01.11.2.. N 96.02.32.0..W

Sampling hour: 09:30

Parameter	
	Standard name DMR-0343-2017-HgEu
	Result 0.00050
	Accuracy 71.4%
	Limit 0.00042 - 0.00098
Molybdenum (Mo) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 0.5825
	Accuracy 82.3%
	Limit 0.566 - 0.850
Dissolved Molybdenum (Mo) mg/l	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 0.6330
	Accuracy 89.4%
	Limit 0.566 - 0.850
Ammonia NH3 (non-ionized) mg	Blank <0.01
Nickel (Ni) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.106
	Accuracy 97%
	Limit 0.91 - 1.37
Dissolved Nickel (Ni) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.216
	Accuracy 93.3%
	Limit 0.91 - 1.37
Nitrate (NO3) mg N/L	Blank <0.01
Nitrite (NO2) mg N/L	Blank <0.01
	Standard name DMR-0343-2017-NO2
	Result 2.76
	Accuracy 98.2%
	Limit 2.30 - 3.12
Ortho-Phosphate (O-PO4) mg P/	Blank <0.01
	Standard name DMR-0343-2017-OPO4
	Result 3.57
	Accuracy 88.1%
	Limit 2.81 - 3.57
Total Phosphorus (P) mg P/L	Blank <0.01
	Standard name DMR-0343-2017-Ptotal
	Result 1.26
	Accuracy 89.5%

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Quality control Report

Lab number: V-66286

Sample name: ST-10/ST-MMER-2

Sampling date: August 01, 2017

Sampling location: ST-10 65.01.11.2.. N 96.02.32.0..W

Sampling hour: 09:30

Parameter	
Lead (Pb) mg/L	Limit 1.00 - 1.28
	Blank <0.0003
	Standard name DMR-0219-2017-Eu
	Result 0.8361
	Accuracy 92.6%
Dissolved Lead (Pb) mg/L	Limit 0.722 - 1.084
	Blank <0.0003
	Standard name DMR-0219-2017-Eu
	Result 0.8630
	Accuracy 95.6%
Potassium (K) mg/L	Limit 0.722 - 1.084
	Blank <0.05
	Standard name DMR-0219-2017-Eu
	Result 18.7
	Accuracy 94.9%
Radium (Ra 226) Becquerels/L	Limit 14.2 - 21.4
	Blank <0.002
	Standard name STD 54982
	Result 0.064
	Accuracy 92.8%
Selenium (Se) mg/L	Limit 0.059 - 0.079
	Blank <0.001
	Standard name DMR-0219-2017-Eu
	Result 1.42
	Accuracy 94.8%
Dissolved Selenium (Se) mg/L	Limit 1.08 - 1.62
	Blank <0.001
	Standard name DMR-0219-2017-Eu
	Result 1.45
	Accuracy 92.6%
Sodium (Na) mg/L	Limit 1.08 - 1.62
	Blank <0.05
	Standard name DMR-0219-2017-Eu
	Result 26.6
	Accuracy 98.2%
Strontium (Sr) mg/L	Limit 21.7 - 32.5
	Blank <0.005
	Standard name DMR-0219-2017-Eu
	Result 1.33
	Accuracy 91.9%

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Quality control Report

Lab number: V-66286

Sample name: ST-10/ST-MMER-2

Sampling date: August 01, 2017

Sampling location: ST-10 65.01.11.2.. N 96.02.32.0..W

Sampling hour: 09:30

Parameter		
dissolved Strontium (Sr) mg/L	Limit 0.98 - 1.48	
	Blank <0.005	
	Standard name DMR-0219-2017-Eu	
	Result 1.42	
	Accuracy 84.6%	
Sulfate (SO4) mg SO4/L	Limit 0.98 - 1.48	
	Blank <0.6	
	Standard name DMR-0343-2017-SO4	
	Result 121	
	Accuracy 98.4%	
Thallium (Tl) mg/L	Limit 114 - 132	
	Blank <0.0008	
	Standard name Tl-S140909023-1000ppm	
	Result 949	
	Accuracy 94.9%	
Dissolved thallium (Tl) mg/L	Limit 800 - 1200	
	Blank <0.0008	
	Standard name Tl-S140909023-1000ppm	
	Result 1146	
	Accuracy 85.4%	
Titanium (Ti) mg/L	Limit 800 - 1200	
	Blank <0.01	
	Dissolved titanium (Ti) mg/L	Blank <0.01
		Uranium (U) mg/L
	Standard name DMR-0219-2017-Eu	
Dissolved Uranium (U) mg/L	Result 1.66	
	Accuracy 94.3%	
	Limit 1.41 - 2.11	
	Blank <0.001	
	Standard name DMR-0219-2017-Eu	
Vanadium (V) mg/L	Result 1.73	
	Accuracy 98.3%	
	Limit 1.41 - 2.11	
	Blank <0.0005	
	Standard name DMR-0219-2017-Eu	
Dissolved Vanadium mg/L	Result 1.821	
	Accuracy 91.5%	
	Limit 1.59 - 2.39	
	Blank <0.0005	
	Standard name DMR-0219-2017-Eu	

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Additional information

Lab number: V-66286

Sample name: ST-10/ST-MMER-2

Sampling date: August 01, 2017

Sampling location: ST-10 65.01.11.2.. N 96.02.32.0..W

Sampling hour: 09:30

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-NH3-2.0	MA.300-N 2.0
M-CL-2.0	MA.300-Ions 1.3
M-CN-1.0	MA.300-CN 1.2
M-HYD-2.0	MA.400-HYD. 1.1
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-P-2.0	MA.303-P 1.1
M-P-3.0	MA. 315-P 2.0
M-SULF-2.0	MA.300-Ions 1.3
M-RA-2.0	APHA 7500-Ra B et EPA P.13 (EMSL-CI)

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: M-120179

Sampling location: Sewage

Sampling date: August 07, 2017

Sample name: STP-SEP

Sampling hour: 08:25

Sampled by: Tom T.

Date received: August 08, 2017

Matrix: Water

Drinking water distribution: **N/A**

Reported on: August 11, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Lab number: M-120179

Sample name: STP-SEP

Sampling location: Sewage

Sampling date: August 07, 2017

Sampling hour: 08:25

Parameter	Result	Method name	Analysis date
Fecal coliforms	440 CFU/100ml	M-COLI-1,0	August 09, 2017
Total coliforms	< 10 000 CFU/100ml	M-COLI-2,0	August 09, 2017
Temperature	8.5 °C	M-TEMP-1.0	August 08, 2017
Atypical colonies	220 000 CFU/100ml	M-COLI-2,0	August 09, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Additional information

Lab number: M-120179

Sample name: STP-SEP

Sampling location: Sewage

Sampling date: August 07, 2017

Sampling hour: 08:25

State of the sample at reception : Temperature under 12°C.

Lab method	Method reference
M-COLI-1,0	MA.700-Ecctmi 1.0
M-COLI-2,0	MA.700-Ecctmi 1.0

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AquaTox Testing & Consulting Inc.
B-11 Nicholas Beaver Rd.
Puslinch ON N0B 2J0
Tel: (519) 763-4412 Fax: (519) 763-4419

September 15, 2017

Mhaly Bois-Charlebois
Agnico Eagle Mines Limited
Meadowbank Division
Baker Lake NU
XOC OAO

Dear Mhaly,

Re: Report on Sublethal Toxicity Analysis of Wastewater for MMER - August 2017

Enclosed are the reports for sublethal testing conducted on the sample of ST-10/MMER-2 collected 2017-08-07. Data are presented in electronic format. I would very much appreciate it if you could let me know when the data have been accepted by Environment and Climate Change Canada.

You should be aware of the RISS internet data entry system for submission of MMER sublethal toxicity data. By now, you should have been provided with a unique user name and pass code (supplied to you by Environment and Climate Change Canada) to access the data entry system. We would be pleased to enter this information on your behalf, for a small fee, but will require your written permission along with your user name and pass code in order to access this data entry system. Please review the reports and e-mail or fax your approval (fax: 519-763-4419; e-mail: reporter@aquatox.ca). We will then enter your results. In the future, if you would prefer us to enter the data automatically at the time the reports are issued, please indicate this in writing.

If you have any questions about the results, do not hesitate to contact me.

Sincerely,

AQUATOX TESTING & CONSULTING INC.

A handwritten signature in cursive script that reads "Nancy Kreager".

Nancy Kreager
Project Manager

NK/jl



AquaTox Testing & Consulting Inc.
B-11 Nicholas Beaver Rd.
Puslinch ON N0B 2J0
Tel: (519) 763-4412 Fax: (519) 763-4419

TOXICITY TEST REPORT

Fathead minnow
EPS 1/RM/22
1 of 5

Work Order : 234073
Sample Number : 51854

SAMPLE IDENTIFICATION

Company :	Agnico Eagle Mines Limited	Date Collected :	2017-08-07
Location :	Baker Lake NU	Time Collected :	09:00
Substance :	ST-10/MMER-2	Date Received :	2017-08-09
Sampling Method :	Not provided	Time Received :	06:15
Sampled By :	T. Thomson	Date Tested :	2017-08-09
Temp. on arrival :	19.0°C		
Sample Description :	Clear, colourless, mild odour.		
Test Method :	Test of Larval Growth and Survival Using Fathead Minnows. Environment Canada, Conservation and Protection. Ottawa, Ontario. Report EPS 1/RM/22 , 2nd ed. (February 2011).		

TEST RESULTS

Effect	Value	95% Confidence Limits	Statistical Method
IC25 (Growth from Biomass)	>100%	-	-
LC50	>100%	-	-

The results reported relate only to the sample tested.

POTASSIUM CHLORIDE REFERENCE TOXICANT DATA

Date Tested :	2017-08-21	Analyst(s) :	EZ, RD, SEW
Organism Batch :	Fm17-08	Test Duration :	7 days
IC25 Growth (from Biomass) :	0.92 g/L	LC50 :	1.02 g/L*
95% Confidence Limits :	0.86 - 0.96 g/L	95% Confidence Limits :	0.97 - 1.06 g/L
Statistical Method :	Linear Interpolation (CETIS) ^a	Statistical Method :	Spearman-Kärber (CETIS) ^a
Historical Mean IC25 :	0.97 g/L	Historical Mean LC50 :	1.16 g/L
Warning Limits (± 2SD) :	0.84 - 1.13 g/L	Warning Limits (± 2SD) :	1.03 - 1.30 g/L

The reference toxicity test was performed under the same experimental conditions as those used with the test sample.

TEST CONDITIONS

Test Organism :	<i>Pimephales promelas</i>	Test Type :	Static Renewal
Organism Batch :	Fm17-08	Control/Dilution Water :	Well water (no chemicals added)
Organism Age :	~07:00 - 22:40 h at start of test	Test Volume / Replicate :	300 mL
Source :	In-house culture	Test Vessel :	420 mL polystyrene beaker
Culture Mortality/Diseased :	0.07 % (previous 7 days)	Depth of Test Solution :	8 cm
pH Adjustment :	None	Organisms per Replicate :	10
Sample Filtration :	60 µm starting 2017-08-09	Number of Replicates :	3
Hardness Adjustment :	None	Daily Renewal Method :	80-85% syphoned and replaced
Test Aeration :	None	Test Method Deviation(s) :	None

COMMENTS

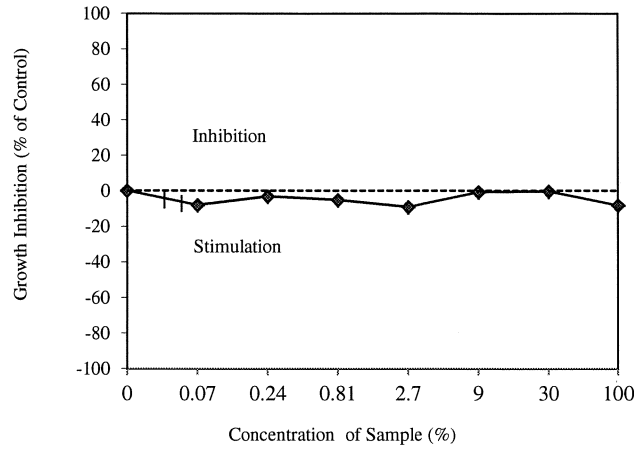
*Note: The reference toxicant test result fell outside of the 95% warning limits for historical data. No other unusual circumstances were observed and therefore the test result is considered acceptable.

- All test validity criteria as specified in the test method cited above were satisfied.
- No organisms exhibiting unusual appearance, behaviour, or undergoing unusual treatment were used in the test.
- Inflated swim bladders were confirmed in all test organisms used in this test.

Work Order : 234073

Sample Number : 51854

Fathead Minnow Growth Inhibition (based on Biomass)



REFERENCES

^a CETIS™, © 2000-2013. V.1.8.7.17. Comprehensive Environmental Toxicity Information System. Tidepool Scientific Software, LLC, McKinleyville, CA 95519 [Program on disk and printed User's Guide].

^b Grubbs, F.E., 1969. Procedures for detecting outlying observations in samples. *Technometrics*, 11 :1-21.

Date : 2017-09-14
yyyy-mm-dd

Approved By : Nancy Knepp
Project Manager



TOXICITY TEST REPORT

Fathead minnow

EPS 1/RM/22

3 of 5

Work Order : 234073
Sample Number : 51854

CUMULATIVE DAILY CONTROL MORTALITY AND IMPAIRMENT (±SD)

Date :	2017-08-09	2017-08-10	2017-08-11	2017-08-12	2017-08-13	2017-08-14	2017-08-15	2017-08-16
	0.00% (±0.0)	0.00% (±0.0)	0.00% (±0.0)	0.00% (±0.0)	0.00% (±0.0)	0.00% (±0.0)	0.00% (±0.0)	3.33% (±5.8)

FATHEAD MINNOW CUMULATIVE DAILY MORTALITY

Initiation Time : 15:00
Initiation Date : 2017-08-09
Completion Date : 2017-08-16

Date :	Analyst(s):	Concentration (%)	Replicate	Day 0		Day 1		Day 2		Day 3		Day 4		Day 5		Day 6		Day 7		Treatment Mean Mortality (± SD) %	
				2017-08-09	2017-08-10	2017-08-11	2017-08-12	2017-08-13	2017-08-14	2017-08-15	2017-08-16										
				EZ(RD)		TL		TL		AW		EZ(RD)		TL		TL		TL			
				Number Dead	% Dead	Number Dead	% Dead	Number Dead	% Dead	Number Dead	% Dead	Number Dead	% Dead	Number Dead	% Dead	Number Dead	% Dead	Number Dead	% Dead		
Control	A			0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	10	3.33 (±5.77)	
	B			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	C			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
0.07	A			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00 (±0.00)	
	B			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	C			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
0.24	A			0	0	0	0	0	0	0	0	0	0	0	1	10	1	10	3.33 (±5.77)		
	B			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
	C			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
0.81	A			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00 (±0.00)		
	B			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
	C			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
2.7	A			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00 (±0.00)		
	B			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
	C			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
9	A			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00 (±0.00)		
	B			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
	C			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
30	A			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3.33 (±5.77)		
	B			0	0	0	0	0	0	0	0	0	0	0	0	0	1	10			
	C			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
100	A			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00 (±0.00)		
	B			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
	C			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			

Aberrant behaviour or swimming impairment : None

Data Reviewed By: DK
Date : 2017-09-07

Work Order : 234073

Sample Number : 51854

FATHEAD MINNOW DRY WEIGHT AND BIOMASS DATA

Concentration (%)	Replicate	Number of Larvae Exposed	Replicate Mean Dry Weight (mg)	Treatment Mean Biomass (mg)	Standard Deviation
Control	A	10	0.667	0.777	0.097
	B	10	0.851		
	C	10	0.812		
0.07	A	10	0.864	0.840	0.066
	B	10	0.890		
	C	10	0.765		
0.24	A	10	0.771	0.801	0.027
	B	10	0.823		
	C	10	0.810		
0.81	A	10	0.859	0.817	0.038
	B	10	0.784		
	C	10	0.807		
2.7	A	10	0.967	0.847	0.121
	B	10	0.849		
	C	10	0.725		
9	A	10	0.745	0.782	0.044
	B	10	0.771		
	C	10	0.830		
30	A	10	0.784	0.779	0.005
	B	10	0.778		
	C	10	0.775		
100	A	10	0.833	0.841	0.019
	B	10	0.827		
	C	10	0.863		

NOTES :

- No outlying data points were detected according to Grubbs Test^b.
- Control average dry weight per surviving organism = 0.801 mg

 Data Reviewed By: DK

 Date : 2017-09-07



TOXICITY TEST REPORT

Work Order : 234073

Sample Number: 51854

Fathead minnow

EPS 1/RM/22

5 of 5

Fathead Minnow Water Chemistry Data

		Initial Chemistry:			Temp. (°C)	DO (mg/L)	pH	Conductivity (µmhos/cm)	Hardness (mg/L as CaCO ₃)
					24.0	9.0	7.7	233	110
		Day 0 - 1	Day 1 - 2	Day 2 - 3	Day 3 - 4	Day 4 - 5	Day 5 - 6	Day 6 - 7	
		2017-08-09	2017-08-10	2017-08-11	2017-08-12	2017-08-13	2017-08-14	2017-08-15	
Sub-sample Used		1	1	1	2	2	3	3	
Temperature (°C)		24.0	24.0	24.0	24.0	24.0	24.0	24.0	
Dissolved Oxygen (mg/L)		9.0	9.2	9.4	9.2	9.2	9.3	9.3	
Dissolved Oxygen % Sat. ¹		110	111	114	111	110	110	111	
pH		7.7	7.7	7.6	7.6	7.5	7.5	7.5	
Pre-aeration Time (min) ²		20	20	20	20	20	20	20	
Analyst(s) : Initial		EZ(RD)	TL	EZ(RD)	EZ(RD)	EZ(RD)	TL	EJS	
Final		TL	EZ(RD)	EZ(RD)	EZ(RD)	TL	EJS	EZ(RD)	
Control (0%)									
Temp.(°C)	Initial	25.0	25.0	24.0	24.0	24.0	24.0	24.0	
	Final	25.0	25.0	24.0	24.0	24.0	24.0	24.0	
DO % Sat.	Initial	100	100	100	100	100	99	100	
DO (mg/L)	Initial	8.3	8.2	8.2	8.2	8.3	8.1	8.2	
	Final	7.9	7.5	8.0	7.8	7.6	7.9	8.0	
pH	Initial	8.3	8.3	8.3	8.3	8.3	8.3	8.3	
	Final	8.1	8.1	8.1	8.0	8.0	7.9	8.0	
Cond. (µmhos)	Initial	706	696	726	715	690	698	703	
0.07 %									
Temp.(°C)	Initial	25.0	25.0	24.0	24.0	24.0	24.0	24.0	
	Final	25.0	25.0	24.0	24.0	24.0	24.0	24.0	
DO (mg/L)	Initial	8.1	8.3	8.1	8.5	8.4	8.2	8.2	
	Final	7.6	7.3	8.0	8.3	7.6	7.9	7.8	
pH	Initial	8.2	8.3	8.2	8.2	8.3	8.1	8.1	
	Final	8.1	8.0	8.1	8.1	7.9	8.0	7.9	
Cond. (µmhos)	Initial	705	702	731	721	702	732	703	
9 %									
Temp.(°C)	Initial	25.0	25.0	24.0	24.0	24.0	24.0	24.0	
	Final	25.0	25.0	24.0	24.0	24.0	24.0	24.0	
DO (mg/L)	Initial	8.3	8.3	8.2	8.6	8.4	8.3	8.2	
	Final	7.6	7.5	8.0	8.5	7.5	7.9	7.8	
pH	Initial	8.2	8.3	8.3	8.3	8.3	8.1	8.2	
	Final	8.1	8.0	8.0	8.0	7.9	8.0	7.9	
Cond. (µmhos)	Initial	668	662	689	687	665	692	669	
100 %									
Temp.(°C)	Initial	25.0	25.0	24.0	24.0	24.0	24.0	24.0	
	Final	25.0	25.0	24.0	24.0	24.0	24.0	24.0	
DO (mg/L)	Initial	8.4	8.4	8.2	8.7	8.4	8.3	8.3	
	Final	7.6	7.5	8.0	8.1	7.6	7.9	7.5	
pH	Initial	8.0	7.7	8.1	8.1	8.0	7.7	7.9	
	Final	7.5	7.7	7.8	7.7	7.5	7.8	7.5	
Cond. (µmhos)	Initial	234	236	235	234	267	250	234	

"-" = not measured

¹ % saturation (adjusted for actual temperature and barometric pressure)

² ≤100 bubbles/minute



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TOXICITY TEST REPORT

Ceriodaphnia dubia

EPS 1/RM/21

1 of 4

Work Order : 234073
Sample Number : 51854

SAMPLE IDENTIFICATION

Company : Agnico Eagle Mines Limited
Location : Baker Lake NU
Substance : ST-10/MMER-2
Sampling Method : Not provided
Sampled By : T. Thomson
Temp. on arrival : 19.0°C
Sample Description : Clear, colourless, mild odour.
Date Collected : 2017-08-07
Time Collected : 09:00
Date Received : 2017-08-09
Time Received : 06:15
Date Tested : 2017-08-09
Test Method : Test of Reproduction and Survival using the Cladoceran *Ceriodaphnia dubia*. Environment Canada, Conservation and Protection. Ottawa, Ontario. Report EPS 1/RM/21, 2nd ed. (February 2007).

TEST RESULTS

Effect	Value	95% Confidence Limits	Statistical Method
LC50	>100%	-	-
IC25 (Reproduction)	59.3%	6.76-89.8	Linear Interpolation (TOXSTAT) d

The results reported relate only to the sample tested.

SODIUM CHLORIDE REFERENCE TOXICANT DATA

Date Tested :	2017-08-10	Analyst(s) :	NL, CN
Organism Batch :	Cd17-08	Test Duration :	6 days
IC25 Reproduction :	1.37 g/L	LC50 :	2.47 g/L
95% Confidence Limits :	1.24 - 1.51 g/L	95% Confidence Limits :	1.99 - 3.07 g/L
Statistical Method :	Linear Interpolation (CETIS)a	Statistical Method :	Spearman-Kärber (CETIS)a
Historical Mean IC25 :	1.37 g/L	Historical Mean LC50 :	2.22 g/L
Warning Limits (\pm 2SD) :	1.02 - 1.83 g/L	Warning Limits (\pm 2SD) :	1.92 - 2.58 g/L

The reference toxicity test was performed under the same experimental conditions as those used with the test sample.

TEST CONDITIONS

Sample Filtration :	60.0 μ m starting on 2017-08-09	Test Volume per Replicate :	15 mL
Test Aeration :	None	Test Vessel :	19 mL polystyrene vial
pH Adjustment :	None	Depth of Test Solution :	4.8 cm
Hardness Adjustment :	None	Organisms per Replicate :	1
Daily Renewal Method :	Transferred to fresh solutions	Number of Replicates :	10
Control/Dilution Water :	Well water (no chemicals added)	Test Method Deviation(s) :	None

COMMENTS

- All test validity criteria as specified in the test method cited above were satisfied.
- Statistical analysis could not be performed using non linear regression, since a suitable model could not be found. Therefore, test results were calculated using Linear Interpolation^d. In test concentrations where reproduction was stimulated (greater than the control), data were replaced with control values for the purposes of statistical analysis, as recommended by Environment Canada (2005).



TOXICITY TEST REPORT

Ceriodaphnia dubia

EPS 1/RM/21

2 of 4

Work Order : 234073
Sample Number : 51854

TEST ORGANISMS

Test Organism :	<i>Ceriodaphnia dubia</i>	Range of Age (at start of test) :	07:35 h - 19:35 h
Organism Batch :	Cd17-08	Mean Brood Organism Mortality :	2%
Organism Origin :	Single in-house mass culture	Ephippia in Culture :	No
Test Organism Origin :	Individual in-house cultures		

Brood Organism Neonate Production

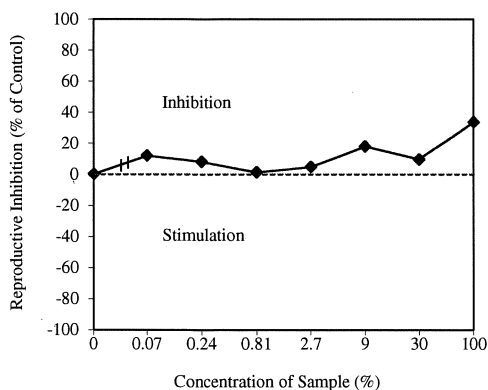
Replicate :	1	2	3	4	5	6	7	8	9	10	Mean
Total (third or subsequent brood):	9	12	13	10	11	14	12	13	11	13	11.8
Total (first three broods):	19	24	16	19	18	18	19	17	23	19	19.2

No organisms exhibiting unusual appearance, behaviour, or undergoing unusual treatment were used in the test.

TEST DATA

Ceriodaphnia dubia Reproductive Inhibition

Cumulative Daily Test Organism Mortality (%)



Date	Test Day	Concentration of Sample (%)							
		Control	0.07	0.24	0.81	2.7	9	30	100
2017-08-10	1	0	0	0	0	0	0	0	0
2017-08-11	2	0	0	0	0	0	0	0	0
2017-08-12	3	0	0	0	0	0	0	0	0
2017-08-13	4	0	0	0	0	0	0	0	0
2017-08-14	5	0	0	0	0	0	0	0	0
2017-08-15	6	0	0	0	0	0	0	0	10
2017-08-16	7	0	0	0	0	0	0	0	10
Total Mortality (%)		0	0	0	0	0	0	0	10

REFERENCES

^a CETIS™, © 2000-2013. V.1.8.7.17. Comprehensive Environmental Toxicity Information System. Tidepool Scientific Software, LLC, McKinleyville, CA 95519 [Program on disk and printed User's Guide].

^d West, Inc. and D. Gulley. 1996. Toxstat Release 3.5. Western Ecosystems Technology. Cheyenne, WY, U.S.A.

Date : 2017-09-14
yyyy-mm-dd

Approved By : Nancy Keeler
Project Manager



TOXICITY TEST REPORT

Ceriodaphnia dubia

EPS 1/RM/21

3 of 4

Work Order : 234073

Sample Number : 51854

Ceriodaphnia dubia Survival and Reproduction

Test Initiation Date : 2017-08-09

Initiation Time : 13:35

Test Completion Date : 2017-08-16

Concentration (%)													Analyst(s)	Concentration (%)												
Control	Day	1	2	3	4	5	6	7	8	9	10	Mean Young (±SD)		2.7	Day	1	2	3	4	5	6	7	8	9	10	Mean Young (±SD)
2017-08-10	1	0	0	0	0	0	0	0	0	0	0	0	EJS	2017-08-10	1	0	0	0	0	0	0	0	0	0	0	0
2017-08-11	2	0	0	0	0	0	0	0	0	0	0	0	CG	2017-08-11	2	0	0	0	0	0	0	0	0	0	0	0
2017-08-12	3	0	0	0	0	0	0	0	0	0	0	0	AW	2017-08-12	3	0	0	0	0	0	0	0	0	0	0	0
2017-08-13	4	3	0	0	4	2	5	4	4	4	3	2.9	AW	2017-08-13	4	3	0	4	2	4	4	5	4	3	4	3.3
2017-08-14	5	12	8	9	13	11	10	10	12	13	9	10.7	RD	2017-08-14	5	11	7	11	12	10	13	8	11	8	10	10.1
2017-08-15	6	12	13	0	0	0	14	0	11	0	0	5	RD	2017-08-15	6	13	11	0	0	0	0	0	14	0	0	3.8
2017-08-16	7	0	0	15	14	8	0	0	0	14	13	6.4	RD	2017-08-16	7	0	0	14	11	5	10	14	0	12	0	6.6
Total		27	21	24	31	21	29	14	27	31	25	25.0 (±5.3)		Total		27	18	29	25	19	27	27	29	23	14	23.8 (±5.2)

Concentration (%)													Mean Young (±SD)
0.07	Day	1	2	3	4	5	6	7	8	9	10		
2017-08-10	1	0	0	0	0	0	0	0	0	0	0	0	
2017-08-11	2	0	0	0	0	0	0	0	0	0	0	0	
2017-08-12	3	0	0	0	0	0	0	0	0	0	0	0	
2017-08-13	4	2	0	0	5	4	5	4	2	0	3	2.5	
2017-08-14	5	10	9	2	8	9	12	4	8	8	11	8.1	
2017-08-15	6	12	12	0	0	0	15	13	11	9	0	7.2	
2017-08-16	7	0	0	10	7	0	0	0	0	12	13	4.2	
Total		24	21	12	20	13	32	21	21	29	27	22.0 (±6.4)	

Concentration (%)													Mean Young (±SD)
9	Day	1	2	3	4	5	6	7	8	9	10		
2017-08-10	1	0	0	0	0	0	0	0	0	0	0	0	
2017-08-11	2	0	0	0	0	0	0	0	0	0	0	0	
2017-08-12	3	0	0	0	0	0	0	0	0	0	0	0	
2017-08-13	4	4	0	0	4	4	4	4	3	4	0	2.7	
2017-08-14	5	10	7	0	11	10	7	10	10	9	9	8.3	
2017-08-15	6	13	0	0	0	0	0	0	4	0	10	2.7	
2017-08-16	7	0	7	8	10	6	13	11	0	13	0	6.8	
Total		27	14	8	25	20	24	25	17	26	19	20.5 (±6.1)	

Concentration (%)													Mean Young (±SD)
0.24	Day	1	2	3	4	5	6	7	8	9	10		
2017-08-10	1	0	0	0	0	0	0	0	0	0	0	0	
2017-08-11	2	0	0	0	0	0	0	0	0	0	0	0	
2017-08-12	3	0	0	0	0	0	0	0	0	0	0	0	
2017-08-13	4	5	5	4	0	4	5	4	5	0	2	3.4	
2017-08-14	5	13	7	10	8	13	12	11	13	0	11	9.8	
2017-08-15	6	10	13	0	0	0	0	0	0	0	0	2.3	
2017-08-16	7	0	0	13	13	10	11	6	12	0	10	7.5	
Total		28	25	27	21	27	28	21	30	0 ¹	23	23.0 (±8.6)	

Concentration (%)													Mean Young (±SD)
30	Day	1	2	3	4	5	6	7	8	9	10		
2017-08-10	1	0	0	0	0	0	0	0	0	0	0	0	
2017-08-11	2	0	0	0	0	0	0	0	0	0	0	0	
2017-08-12	3	0	0	0	0	0	0	0	0	0	0	0	
2017-08-13	4	4	0	0	0	4	5	2	4	4	0	2.3	
2017-08-14	5	8	5	7	8	11	11	9	10	12	7	8.8	
2017-08-15	6	10	14	0	0	0	0	0	14	11	11	6	
2017-08-16	7	0	0	11	0	9	14	11	0	0	10	5.5	
Total		22	19	18	8	24	30	22	28	27	28	22.6 (±6.5)	

Concentration (%)													Mean Young (±SD)
0.81	Day	1	2	3	4	5	6	7	8	9	10		
2017-08-10	1	0	0	0	0	0	0	0	0	0	0	0	
2017-08-11	2	0	0	0	0	0	0	0	0	0	0	0	
2017-08-12	3	0	0	0	0	0	0	0	0	0	0	0	
2017-08-13	4	5	6	4	0	4	5	4	5	5	4	4.2	
2017-08-14	5	12	9	11	10	9	8	9	14	11	5	9.8	
2017-08-15	6	11	12	13	11	10	14	0	14	10	0	9.5	
2017-08-16	7	0	0	0	0	0	0	12	0	0	0	1.2	
Total		28	27	28	21	23	27	25	33	26	9	24.7 (±6.4)	

Concentration (%)													Mean Young (±SD)
100	Day	1	2	3	4	5	6	7	8	9	10		
2017-08-10	1	0	0	0	0	0	0	0	0	0	0	0	
2017-08-11	2	0	0	0	0	0	0	0	0	0	0	0	
2017-08-12	3	0	0	0	0	0	0	0	0	0	0	0	
2017-08-13	4	4	0	0	4	4	3	3	2	2	4	2.6	
2017-08-14	5	0	5	4	4	5	10	6	9	4	7	5.4	
2017-08-15	6	0	x	12	0	0	0	0	0	0	0	1.2	
2017-08-16	7	0	0	11	7	11	13	7	13	7	5	7.4	
Total		4	17	15	15	20	26	16	24	13	16	16.6 (±6.1)	

NOTES : *All young produced by a test organism during its fourth and subsequent broods were discarded and not included in the above counts. The presence of two or more neonates in any test chamber, during any given day of the test, constitutes a brood.

¹ Outlier according to Grubbs Test (CETIS)³. Outlying data points were not excluded from statistical analysis, since they could not be attributed to error.

"x"= test organism mortality

"*"= accidental test organism mortality

"-"=4th brood (see 'NOTES')

Data Reviewed By : DK
Date : 2017-09-07



TOXICITY TEST REPORT

Ceriodaphnia dubia

EPS 1/RM/21

4 of 4

Work Order : 234073

Sample Number: 51854

Ceriodaphnia dubia Water Chemistry Data

Initial Chemistry:		Temp. (°C)	DO (mg/L)	pH	Conductivity (µmhos/cm)	Hardness (mg/L as CaCO ₃)	
		24.0	9.0	7.7	233	110	

Date :	Day 0 - 1 2017-08-09	Day 1 - 2 2017-08-10	Day 2 - 3 2017-08-11	Day 3 - 4 2017-08-12	Day 4 - 5 2017-08-13	Day 5 - 6 2017-08-14	Day 6 - 7 2017-08-15	
Sub-sample Used	1	1	1	2	2	3	3	
Temperature (°C)	24.0	24.0	24.0	24.0	24.0	24.0	24.0	
Dissolved Oxygen (mg/L)	9.0	9.2	9.4	9.2	9.2	9.3	9.3	
Dissolved Oxygen % Sat. ³	110	111	114	111	110	110	111	
pH	7.7	7.7	7.6	7.6	7.5	7.5	7.5	
Pre-aeration Time (min) ⁴	20	20	20	20	20	20	20	
Analyst(s)	Initial Final	EZ(RD) EZ(RD)	TL EZ(RD)	EZ(RD) EZ(RD)	EZ(RD) EZ(RD)	EZ(RD) TL	TL TL	EJS EZ(RD)
Control (0%)								
Temp. (°C)	Initial Final	25.0 25.0	25.0 25.0	24.0 24.0	24.0 24.0	24.0 24.0	24.0 24.0	24.0 24.0
DO % Sat. ³	Initial	100	100	100	100	100	99	100
DO (mg/L)	Initial Final	8.3 7.8	8.2 7.4	8.2 8.1	8.2 8.0	8.3 7.8	8.1 7.7	8.2 8.0
pH	Initial Final	8.3 8.1	8.3 8.1	8.3 8.1	8.3 8.1	8.3 8.0	8.3 8.0	8.3 8.0
Cond. (µmhos)	Initial	706	696	726	715	690	698	703
0.07 %								
Temp. (°C)	Initial Final	25.0 25.0	25.0 25.0	24.0 24.0	24.0 24.0	24.0 24.0	24.0 24.0	24.0 24.0
DO (mg/L)	Initial Final	8.1 7.9	8.3 7.5	8.1 8.0	8.5 8.1	8.4 7.7	8.2 7.9	8.2 8.0
pH	Initial Final	8.2 8.2	8.3 8.1	8.2 8.2	8.2 8.1	8.3 8.0	8.1 8.1	8.1 8.1
Cond. (µmhos)	Initial	705	702	731	721	702	732	703
9 %								
Temp. (°C)	Initial Final	25.0 25.0	25.0 25.0	24.0 24.0	24.0 24.0	24.0 24.0	24.0 24.0	24.0 24.0
DO (mg/L)	Initial Final	8.3 7.9	8.3 7.4	8.2 8.1	8.6 8.3	8.4 7.7	8.3 7.8	8.2 8.0
pH	Initial Final	8.2 8.1	8.3 8.1	8.3 8.1	8.3 8.0	8.3 8.0	8.1 8.0	8.2 8.0
Cond. (µmhos)	Initial	668	662	689	687	665	692	669
100 %								
Temp. (°C)	Initial Final	25.0 25.0	25.0 25.0	24.0 24.0	24.0 24.0	24.0 24.0	24.0 24.0	24.0 24.0
DO (mg/L)	Initial Final	8.4 7.9	8.4 7.5	8.2 8.0	8.7 8.5	8.4 7.7	8.3 8.0	8.3 7.8
pH	Initial Final	8.0 7.8	7.7 7.8	8.1 7.8	8.1 7.7	8.0 7.6	7.7 7.6	7.9 7.8
Cond. (µmhos)	Initial	234	236	235	234	267	250	234

"-" = not measured

³ % saturation (adjusted for actual temperature and barometric pressure)

⁴ ≤100 bubbles/minute



Work Order : 234073
 Sample Number : 51854

SAMPLE IDENTIFICATION

Company :	Agnico Eagle Mines Limited	Date Collected :	2017-08-07
Location :	Baker Lake NU	Time Collected :	09:00
Substance :	ST-10/MMER-2	Date Received :	2017-08-09
Sampling Method :	Not provided	Time Received :	06:15
Sampled By :	T. Thomson	Date Tested :	2017-08-10
Temp. on arrival :	19.0°C		
Sample Description :	Clear, colourless, mild odour.		
Test Method :	Test for Measuring the Inhibition of Growth using the Freshwater Macrophyte, <i>Lemna minor</i> . Method Development and Application Section, Environmental Technology Centre, Environment Canada. Ottawa, Ontario. Report EPS 1/RM/37, 2nd ed. (January 2007).		

TEST RESULTS

Effect	Value	95% Confidence Limits	Statistical Method
IC25 (Weight)	>97.0%	-	-
IC25 (FronD Production)	>97.0%	-	Linear Interpolation (CETIS) a

The results reported relate only to the sample tested.

POTASSIUM CHLORIDE REFERENCE TOXICANT DATA

Date Tested :	2017-08-09	Statistical Method :	Non-Linear Regression* (CETIS) ^a
Organism Batch :	Lm17-08	Historical Geometric Mean IC25 :	2.07 g/L
Test Duration :	7 days	Warning Limits (± 2SD) :	1.50 - 2.87 g/L
IC25 (FronD Production) :	2.53 g/L	Growth Medium :	Modified APHA
95% Confidence Limits :	2.25 - 2.80 g/L	Analyst(s) :	SEW, CZN

The reference toxicant test was performed under the same experimental conditions as those used with the test sample.

TEST CONDITIONS

Test Organism :	<i>Lemna minor</i> L., Strain 7730	Test Type :	Static (no sub-samples required)
Organism Batch :	Lm17-08	Control/Dilution Medium :	Modified APHA
Culture Origin :	UTCC 492	Medium Preparation Water :	Distilled Water
Test Organism Source :	Axenic in-house culture	Source of Water :	Morning Mist
Culture Medium :	Modified Hoaglands E+	Medium Preparation Chemicals :	Modified APHA stocks A, B, C (10 mL/L)
Age (on Test Day 0) :	9 days	Nutrient Spiking of Sample :	Modified APHA stocks A, B, C (10 mL/L)
Health Criteria (in APHA) :	14.2-fold frond increase in 7 days	Replicates per Concentration :	4
Organism Acclimation :	19:15 h in APHA medium	Test Volume per Replicate :	100 mL
Inoculum (Test Day 0) :	2 plants (3 fronds per plant)	Test Vessel :	250 mL glass Erlenmeyer flask
Sample Filtration :	1 µm (Whatman GF/C)	Depth of Test Solution :	4.0 cm
Sample Pre-aeration :	20 min. at ≤100 bubbles/min.	Photoperiod/Light Intensity :	Continuous, 4270 - 5300 lux
pH Adjustment :	None	Test Method Deviation(s) :	None
Hardness Adjustment :	None		

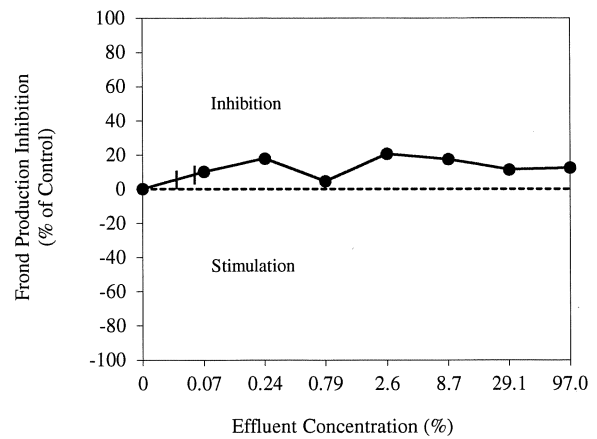
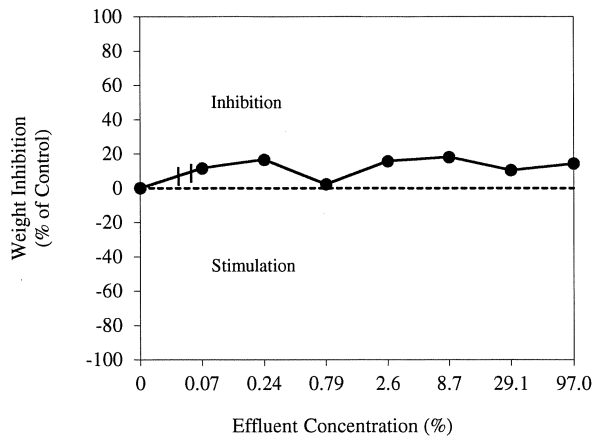
COMMENTS

- All test validity criteria as specified in the test method cited above were satisfied.
- Statistical analysis could not be performed using non linear regression, since a suitable model could not be found. Therefore, test results were calculated using Linear Interpolation (CETIS)^a.

*Poisson weighting (CETIS)^a was applied.

Work Order : 234073

Sample Number : 51854

Lemna minor Growth Inhibition

TEST MONITORING

Initiation Date : 2017-08-10

Initiation Time : 10:30

Initiated By : SEW

Termination Date : 2017-08-17

Termination Time : 9:30

Terminated By : SF

Temperature Monitoring

Test Day	Date	Temperature (°C)
0 (unmodified sample)	2017-08-10	25.0
0	2017-08-10	23.0
1	2017-08-11	23.5
2	2017-08-12	24.0
3	2017-08-13	24.0
4	2017-08-14	24.0
5	2017-08-15	24.0
6	2017-08-16	24.0
7	2017-08-17	24.0

pH Monitoring

Concentration (%)	Day 0	Day 7
100 (unmodified sample)	7.7	-
Control	8.3	8.4
0.07	8.2	8.4
0.24	-	-
0.79	-	-
2.6	8.2	8.4
8.7	-	-
29.1	-	-
97.0	7.9	8.6

"-" = not required

REFERENCES

^a CETIS™, © 2000-2013. V.1.8.7.17. Comprehensive Environmental Toxicity Information System. Tidepool Scientific Software, LLC, McKinleyville, CA 95519 [Program on disk and printed User's Guide].

 Date : 2017-09-14
 yyyy-mm-dd

 Approved By: Nancy Wenger
 Project Manager

Work Order : 234073
 Sample Number : 51854

Lemna minor
 EPS 1/RM/37
 Page 3 of 4

***Lemna minor* Frond Increase**

Concentration (%)	Replicate	Frond Count Day 0*	Frond Count Day 7	Frond Increase	Mean Frond Increase	Standard Deviation	CV (%)	Frond/Root Appearance (Day 7)
Control	A	6	102	96	99.50	14.25	14.3	Fronds healthy, appearance normal in all replicates.
	B	6	87	81				
	C	6	119	113				
	D	6	114	108				
0.07	A	6	99	93	89.50	7.33	8.2	Fronds healthy, appearance normal in all replicates.
	B	6	103	97				
	C	6	86	80				
	D	6	94	88				
0.24	A	6	83	77	81.75	6.99	8.6	Fronds healthy, appearance normal in all replicates.
	B	6	96	90				
	C	6	81	75				
	D	6	91	85				
0.79	A	6	84	78	95.00	13.22	13.9	Fronds healthy, appearance normal in all replicates.
	B	6	104	98				
	C	6	116	110				
	D	6	100	94				
2.6	A	6	89	83	79.00	4.97	6.3	Fronds healthy, appearance normal in all replicates.
	B	6	85	79				
	C	6	88	82				
	D	6	78	72				
8.7	A	6	83	77	82.25	10.05	12.2	Fronds healthy, appearance normal in all replicates.
	B	6	99	93				
	C	6	94	88				
	D	6	77	71				
29.1	A	6	84	78	88.25	14.75	16.7	Fronds healthy, appearance normal in all replicates.
	B	6	114	108				
	C	6	97	91				
	D	6	82	76				
97.0	A	6	92	86	87.25	12.26	14.0	Fronds healthy, appearance normal in all replicates.
	B	6	106	100				
	C	6	98	92				
	D	6	77	71				

NOTES: *No unusual appearance or treatment of culture prior to testing. Test inoculated with healthy plants.

- No stimulation of frond increase compared to the control was observed at any test level.
- A 17.6-fold increase in frond number was observed in the control over the testing period.
- No outlying data points were detected according to Grubbs Test (CETIS)^a.

"-" = not available/not required

Test Data Reviewed By : *XC*
 Date : 2017-09-14

Work Order : 234073
 Sample Number : 51854

***Lemna minor* Frond Weight Data**

Concentration (%)	Replicate	Dry Weight of Fronds (mg)	Treatment Mean Dry Weight (mg)	Standard Deviation
Control	A	11.05	11.71	1.76
	B	9.55		
	C	13.43		
	D	12.81		
0.07	A	10.83	10.35	0.86
	B	10.89		
	C	9.08		
	D	10.61		
0.24	A	9.17	9.77	0.75
	B	10.76		
	C	9.20		
	D	9.93		
0.79	A	9.93	11.46	1.23
	B	11.41		
	C	12.94		
	D	11.56		
2.6	A	9.89	9.87	0.44
	B	10.25		
	C	10.11		
	D	9.25		
8.7	A	8.82	9.59	1.34
	B	11.53		
	C	9.43		
	D	8.58		
29.1	A	9.32	10.50	1.18
	B	12.11		
	C	10.50		
	D	10.06		
97.0	A	9.69	10.04	1.16
	B	11.46		
	C	10.31		
	D	8.68		

NOTES :

- No stimulation of weight compared to the control was observed at any test level.

- No outlying data points were detected according to Grubbs Test (CETIS)^a.

"-" = not available/not required

 Test Data Reviewed By : J
 Date : 2017-09-14



Work Order : 234073
 Sample Number : 51854

SAMPLE IDENTIFICATION

Company :	Agnico Eagle Mines Limited	Date Collected :	2017-08-07
Location :	Baker Lake NU	Time Collected :	09:00
Substance :	ST-10/MMER-2	Date Received :	2017-08-09
Sampling Method :	Not provided	Time Received :	06:15
Sampled By :	T. Thomson	Date Tested :	2017-08-09
Temp. on arrival :	19.0°C		
Sample Description :	Clear, colourless, mild odour.		
Test Method :	Growth Inhibition Test Using a Freshwater Alga. Environment Canada, Conservation and Protection. Ottawa, Ontario. Report EPS 1/RM/25, 2nd ed. (March 2007).		

72-h TEST RESULTS

Effect	Value	95% Confidence Limits	Statistical Method
IC25 (Growth)	>90.91%	-	-

The results reported relate only to the sample tested.

ZINC (AS ZINC SULPHATE) REFERENCE TOXICANT DATA

Date Tested :	2017-08-22	Statistical Method :	Nonlinear Regression (CETIS)
Organism Batch :	Ps17-08	Historical Mean IC25 :	16.1 µg/L
Test Duration :	72 hours	Warning Limits (± 2SD) :	5.2 - 50.0 µg/L
IC25 Growth :	7.9 µg/L	Analyst(s) :	CZN
95% Confidence Limits :	7.0 - 8.9 µg/L		

The reference toxicity test was performed under the same experimental conditions as those used with the test sample.

TEST ORGANISM

Test Organism :	<i>Pseudokirchneriella subcapitata</i>	Source :	In-house culture
Culture Origin :	University of Waterloo, Waterloo ON	Cell Density at 0-h :	10818 cells/mL
Strain Number :	CPCC 37	Inoculum Prepared :	00:20 h prior to test initiation
Organism Batch :	Ps17-08	Age (at start of test) :	5 days (in exponential growth)

•Algal growth curve is determined at least twice per year as required by the test method cited above.

•No unusual appearance or treatment of culture prior to testing.

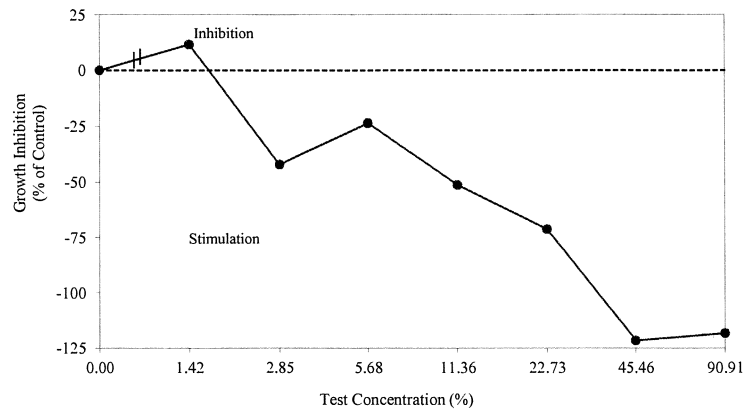
TEST CONDITIONS

Test Type :	Static	Volume per Replicate :	220 µL
Test Duration :	72 hours	Control Replicates:	10
Mean Temperature (± SD):	24.0°C (± 0.0)	Test Replicates :	4
Sample Pre-aeration :	None	Concentrations Tested :	10 + Control
Sample Filtration :	0.45 µm preconditioned filter	Photoperiod :	Continuous light
Volume Filtered:	≥10 mL	Light Intensity :	4090-4390 lux
Control/Dilution Water :	Millipore Milli-Q (no chemicals added)	pH Adjustment :	None
Enrichment Medium :	Stock 2B: EDTA reduced to 25%	Hardness Adjustment :	None
Test Vessel :	U-shaped polystyrene microplate	Test Method Deviation(s) :	None

COMMENTS

•All test validity criteria as specified in the test method cited above were satisfied.

***Pseudokirchneriella subcapitata* Growth Inhibition**



CELL ENUMERATION AT 72-HOURS

Initiated By :	SEW	Sample pH (at 0 hours) :	7.7
Completion/Enumeration Date :	2017-08-12	Control pH (at 0 hours) :	6.5
Enumerated By :	CZN	Control pH (at 72 hours) :	7.0
Enumeration Method :	Manual (haemocytometer)	Control Cell Increase Factor :	24.3 times growth

Concentration (%)	Cell Concentration (x 10000 cells/mL)								Cell Yield (x 10000 cells/mL)			Stimulation (% of control)**
	1	2	3	4	7	8	9	10	Mean	Standard Deviation	CV (%)	
Control	22.5	23.5	27.5	37.0 ¹	28.0	25.0	24.0	22.5	25.17	4.82	19.14	-
0.18	-	-	-	-	-	-	-	-	-	-	-	-
0.35	-	-	-	-	-	-	-	-	-	-	-	-
0.71	-	-	-	-	-	-	-	-	-	-	-	-
1.42	24.5	22.5	23.0	-	-	-	-	-	22.25	1.04	4.68	-
2.85	40.5	37.5	32.5	-	-	-	-	-	35.75	4.04	11.30	42.05
5.68	30.5	30.5	35.5	-	-	-	-	-	31.08	2.89	9.29	-
11.36	40.5	36.5	40.5	-	-	-	-	-	38.08	2.31	6.06	51.32
22.73	47.5	42.0	43.0	-	-	-	-	-	43.08	2.93	6.80	71.19
45.46	51.0	59.5	60.0	-	-	-	-	-	55.75	5.06	9.07	121.52
90.91	52.0	59.0	57.0	-	-	-	-	-	54.92	3.61	6.57	118.20

NOTES : **Statistically significant stimulation, according to ANOVA/Dunnett Multiple Comparison Test (CETIS)^a, ($\alpha=0.05$).
 •Control replicates 5 and 6 used for pH measurement.
 •The Mann-Kendall test shows that there is no inhibitory gradient ($\alpha=0.05$).
 •¹Outlier according to Grubbs Test (CETIS)^a. Outlying data points were not excluded from statistical analysis, since they could not be attributed to error.

"-" = not enumerated/not required

Data Reviewed By : J
 Date : 2017-09-14

REFERENCES

^a CETIS™, © 2000-2013. V.1.8.7.17. Comprehensive Environmental Toxicity Information System. Tidepool Scientific Software, LLC, McKinleyville, CA 95519 [Program on disk and printed User's Guide].

Date : 2017-09-14
 yyyy-mm-dd

Approved By : Nancy Menge
 Project Manager

CHAIN OF CUSTODY RECORD



AquaTox Work Order No:
234073

Shipping Address: AquaTox Testing & Consulting Inc.
B-11 Nicholas Beaver Road
Puslinch, Ontario Canada N0B 2J0
Voice: (519) 763-4412 Fax: (519) 763-4419

P.O. Number: PO- 530481

Field Sampler Name (print): Tom Thomson

Signature: Tom Thomson

Affiliation: AEM

Sample Storage (prior to shipping):

Custody Relinquished by:

Date/Time Shipped: 2017-08-07 12:00

Client: Agnico Eagle Mines
Meadowbank Division
Baker Lake, Nunavut

Phone: (819) 759-3555

Fax:

Contact: Erika Voyer, Robin Allard, Martin Archaumbault

Sample Identification		Analyses Requested										Sample Method and Volume					
Date Collected (yyyy-mm-dd)	Time Collected (e.g. 14:30, 24 hr clock)	Sample Name	AquaTox Sample Number	Temp. on arrival	Rainbow Trout Single Concentration	Rainbow Trout LC50	Daphnia magna Single Concentration	Daphnia magna LC50	Fathead Minnow Survival & Growth	Ceriodaphnia dubia Survival & Reproduction	Lemna minor Growth	Pseudokirchnerella subcapitata Growth	RISS Data Entry	Other (please specify below)	Grab	Composite	# of Containers and Volume (eg. 2 x 1L, 3 x 10L, etc.)
2017-08-07	09:00	ST-10/MMMER-2	51854	19.0					✓	✓	✓	✓		✓			2 x 1L, 3 x 10L

For Lab Use Only

Received By: CG/EJS

Date: 2017-08-09

Time: 06:15

Storage Location:

Storage Temp. (°C):

Please list any special requests or instructions:

Others - Pimephales Promelas

2x 1L sample jars = 10°C on arrival

* 3x 23-L pails received (NK)



Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: M-120178

Sampling location: Sewage

Sampling date: August 07, 2017

Sample name: STP-IN

Sampling hour: 08:15

Sampled by: Tom T.

Date received: August 08, 2017

Matrix: Water

Drinking water distribution: **N/A**

Reported on: August 11, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
This report shall not be reproduced except in full without the written authority of the laboratory.



Analytical Report

Lab number: M-120178

Sample name: STP-IN

Sampling date: August 07, 2017

Sampling location: Sewage

Sampling hour: 08:15

Parameter	Result	Method name	Analysis date
Fecal coliforms	11 000 000 CFU/100ml	M-COLI-1,0	August 09, 2017
Total coliforms	*** CFU/100ml	M-COLI-2,0	August 09, 2017
Temperature	7.5 °C	M-TEMP-1.0	August 08, 2017
Atypical colonies	> 200 000 000 CFU/100ml	M-COLI-2,0	August 09, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
This report shall not be reproduced except in full without the written authority of the laboratory.



Additional information

Lab number: M-120178

Sample name: STP-IN

Sampling location: Sewage

Sampling date: August 07, 2017

Sampling hour: 08:15

*****The great number of bacteria restrain distinction of total coliforms and atypical colony. Numbers of total coliforms may be misjudged ; it is not mentioned.**

State of the sample at reception : Temperature under 12°C.

Lab method	Method reference
M-COLI-1,0	MA.700-Ecctmi 1.0
M-COLI-2,0	MA.700-Ecctmi 1.0

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: M-120180

Sampling location: Sewage

Sampling date: August 07, 2017

Sample name: STP-LJMIX

Sampling hour: 08:20

Sampled by: Tom T.

Date received: August 08, 2017

Matrix: Waste Water

Drinking water distribution: **N/A**

Reported on: August 15, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Lab number: M-120180

Sample name: STP-LJMIX

Sampling date: August 07, 2017

Sampling location: Sewage

Sampling hour: 08:20

Parameter	Result	Method name	Analysis date
Fecal coliforms	>6000 CFU/100ml	M-COLI-1,0	August 09, 2017
Total coliforms	210000 CFU/100ml	M-COLI-2,0	August 09, 2017
Temperature	8.5 °C	M-TEMP-1.0	August 08, 2017
Atypical colonies	100000 CFU/100ml	M-COLI-2,0	August 09, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Additional information

Lab number: M-120180
Sample name: STP-LJMIX
Sampling location: Sewage

Sampling date: August 07, 2017
Sampling hour: 08:20

<u>Lab method</u>	<u>Method reference</u>
M-COLI-1,0	MA.700-Ecctmi 1.0
M-COLI-2,0	MA.700-Ecctmi 1.0

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-66437

Sampling location: Portage Pit

Sampling date: August 07, 2017

Sample name: ST-17

Sampling hour: 07:15

Sampled by: Tom T. IC

Date received: August 08, 2017

Matrix: Water

Drinking water distribution: **OL-572177**

Reported on: August 17, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Lab number: V-66437

Sample name: ST-17

Sampling date: August 07, 2017

Sampling location: Portage Pit

Sampling hour: 07:15

Parameter	Result	Method name	Analysis date
Acidity	3 mg CaCO ₃ /L	M-TIT-1.0	August 08, 2017
Alkalinity	87 mg CaCO ₃ /L	M-TIT-1.0	August 08, 2017
Aluminium (Al)	0.143 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Dissolved Aluminium (Al)	0.023 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Silver (Ag)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Dissolved Silver (Ag)	0.0007 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Arsenic (As)	0.0255 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Dissolved Arsenic (As)	0.0267 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	0.73 mg N/L	Sous-traitance\Multilab Direct	August 09, 2017
Barium (Ba)	0.0151 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Dissolved Barium (Ba)	0.0150 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Cadmium (Cd)	<0.00005 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Dissolved Cadmium (Cd)	<0.00005 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Chloride	13.8 mg/L	Sous-traitance\Multilab Direct	August 10, 2017
Chrome (Cr)	0.0007 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Dissolved Chromium (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Copper (Cu)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Dissolved Copper (Cu)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Cyanide W.A.D.	0.002 mg/L	Sous-traitance\Multilab Direct	August 10, 2017
Total Cyanide (CNT)	0.003 mg/L	Sous-traitance\Multilab Direct	August 10, 2017
Hardness	275 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	August 09, 2017
Iron (Fe)	0.19 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Dissolved Iron (Fe)	<0.01 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Ferrous Iron (Fe 2+)	<0.01 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Dissolved ferrous Iron (Fe 2+)	0.01 mg/L	Sous-traitance\Multilab Direct	August 10, 2017
Ferric Iron (Fe 3+)	0.92 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Dissolved ferric Iron (Fe 3+)	0.09 mg/L	Sous-traitance\Multilab Direct	August 10, 2017
Fluoride (F)	0.37 mg/L	Sous-traitance\Multilab Direct	August 10, 2017
Total Suspended Solids	<1 mg/L	M-SOLI-1.0	August 09, 2017
Manganese (Mn)	0.1248 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Dissolved Manganese (Mn)	0.1089 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Dissolved Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Molybdenum (Mo)	0.0376 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Dissolved Molybdenum (Mo)	0.0341 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Ammonia NH ₃ (non-ionized)	0.01 mg N/L	Sous-traitance\Multilab Direct	August 09, 2017
Nickel (Ni)	0.0261 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Dissolved Nickel (Ni)	0.0242 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Nitrate (NO ₃)	5.86 mg N/L	Sous-traitance\Multilab Direct	August 09, 2017
Nitrite (NO ₂)	0.03 mg N/L	Sous-traitance\Multilab Direct	August 09, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Analytical Report

Lab number: V-66437

Sample name: ST-17

Sampling date: August 07, 2017

Sampling location: Portage Pit

Sampling hour: 07:15

Parameter	Result	Method name	Analysis date
Dissolved Phosphorus (P)	<0.01 mg P/L	Sous-traitance\Multilab Direct	August 10, 2017
Total Phosphorus (P)	0.03 mg P/L	Sous-traitance\Multilab Direct	August 10, 2017
Lead (Pb)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Dissolved Lead (Pb)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Selenium (Se)	<0.0006 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Dissolved Selenium (Se)	<0.0006 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Dissolved Solids	356 mg/L	M-TIT-1.0	August 08, 2017
Sulfate (SO4)	186 mg SO4/L	Sous-traitance\Multilab Direct	August 09, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	August 16, 2017
Dissolved thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	August 16, 2017
Zinc (Zn)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Dissolved Zinc	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 09, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Detection limit

Lab number: V-66437

Sample name: ST-17

Sampling date: August 07, 2017

Sampling location: Portage Pit

Sampling hour: 07:15

Parameter	Value	Unit	Method	Accreditation
Acidity	2	mg CaCO ₃ /L	M-TIT-1.0	
Alkalinity	2	mg CaCO ₃ /L	M-TIT-1.0	
Aluminium (Al)	0.006	mg/L	Sous-traitance	
Dissolved Aluminium (Al)	0.006	mg/L	Sous-traitance	
Silver (Ag)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Silver (Ag)	0.0001	mg/L	Sous-traitance	
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Arsenic (As)	0.0005	mg/L	Sous-traitance	
Ammonia nitrogen (NH ₃ -NH ₄)	0.01	mg N/L	Sous-traitance	Yes
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Barium (Ba)	0.0005	mg/L	Sous-traitance	
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Dissolved Cadmium (Cd)	0.00002	mg/L	Sous-traitance	
Chloride	0.5	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Dissolved Chromium (Cr)	0.0006	mg/L	Sous-traitance	
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Copper (Cu)	0.0005	mg/L	Sous-traitance	
Cyanide W.A.D.	0.001	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO ₃ /L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes
Dissolved Iron (Fe)	0.01	mg/L	Sous-traitance	
Ferrous Iron (Fe 2+)		mg/L	Sous-traitance	
Dissolved ferrous Iron (Fe 2+)		mg/L	Sous-traitance	
Ferric Iron (Fe 3+)		mg/L	Sous-traitance	
Dissolved ferric Iron (Fe 3+)		mg/L	Sous-traitance	
Fluoride (F)	0.02	mg/L	Sous-traitance	Yes
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Manganese (Mn)	0.0005	mg/L	Sous-traitance	
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Dissolved Mercury (Hg)	0.00001	mg/L	Sous-traitance	
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	
Ammonia NH ₃ (non-ionized)	0.01	mg N/L	Sous-traitance	-
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Nickel (Ni)	0.0005	mg/L	Sous-traitance	
Nitrate (NO ₃)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO ₂)	0.01	mg N/L	Sous-traitance	Yes

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Detection limit

Lab number: V-66437

Sample name: ST-17

Sampling date: August 07, 2017

Sampling location: Portage Pit

Sampling hour: 07:15

Parameter	Value	Unit	Method	Accreditation
Dissolved Phosphorus (P)	0.01	mg P/L	Sous-traitance	
Total Phosphorus (P)	0.01	mg P/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Dissolved Lead (Pb)	0.0003	mg/L	Sous-traitance	
Selenium (Se)	0.0006	mg/L	Sous-traitance	Yes
Dissolved Selenium (Se)	0.0006	mg/L	Sous-traitance	
Dissolved Solids	1	mg/L	M-TIT-1.0	
Sulfate (SO4)	0.6	mg SO4/L	Sous-traitance	Yes
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Dissolved thallium (Tl)	0.0008	mg/L	Sous-traitance	
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes
Dissolved Zinc	0.001	mg/L	Sous-traitance	

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Quality control Report

Lab number: V-66437

Sample name: ST-17

Sampling location: Portage Pit

Sampling date: August 07, 2017

Sampling hour: 07:15

Parameter	
Acidity mg CaCO ₃ /L	Standard name STD acidité Result 253 Accuracy 98.8% Limit 213 - 288
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 152 Accuracy 95.2% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.003 Standard name DMR-0219-2017-Eu Result 6.61 Accuracy 94.6% Limit 5.02 - 7.52
Dissolved Aluminium (Al) mg/L	Blank <0.003 Standard name DMR-0219-2017-Eu Result 6.48 Accuracy 96.7% Limit 5.02 - 7.52
Silver (Ag) mg/L	Blank <0.0005 Standard name DMR-0343-2017-Ag Result 0.6850 Accuracy 85.4% Limit 0.642 - 0.962
Dissolved Silver (Ag) mg/L	Blank <0.0005 Standard name DMR-0343-2017-Ag Result 0.6850 Accuracy 85.4% Limit 0.642 - 0.962
Arsenic (As) mg/L	Blank <0.0005 Standard name DMR-0219-2017-Eu Result 0.2891 Accuracy 98.2% Limit 0.199 - 0.369
Dissolved Arsenic (As) mg/L	Blank <0.0005 Standard name DMR-0219-2017-Eu Result 0.2984 Accuracy 94.9% Limit 0.199 - 0.369
Ammonia nitrogen (NH ₃ -NH ₄) m	Blank <0.01 Standard name DMR-0343-2017-NH ₃ -NH ₄

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Quality control Report

Lab number: V-66437

Sample name: ST-17

Sampling location: Portage Pit

Sampling date: August 07, 2017

Sampling hour: 07:15

Parameter	
Barium (Ba) mg/L	Result 2.15
	Accuracy 99.1%
	Limit 1.81 - 2.45
	Blank <0.0005
	Standard name DMR-0219-2017-Eu
Dissolved Barium (Ba) mg/L	Result 2.850
	Accuracy 82.7%
	Limit 1.94 - 2.92
	Blank <0.0005
	Standard name DMR-0219-2017-Eu
Cadmium (Cd) mg/L	Result 2.850
	Accuracy 82.7%
	Limit 1.94 - 2.92
	Blank <0.00005
	Standard name DMR-0219-2017-Eu
Dissolved Cadmium (Cd) mg/L	Result 0.85919
	Accuracy 95.4%
	Limit 0.721 - 1.081
	Blank <0.00005
	Standard name DMR-0219-2017-Eu
Chrome (Cr) mg/L	Result 0.87487
	Accuracy 97.1%
	Limit 0.721 - 1.081
	Blank <0.0001
	Standard name DMR-0219-2017-Eu
Dissolved Chromium (Cr) mg/L	Result 3.697
	Accuracy 91.3%
	Limit 3.24 - 4.86
	Blank <0.0001
	Standard name DMR-0219-2017-Eu
Copper (Cu) mg/L	Result 3.719
	Accuracy 91.8%
	Limit 3.24 - 4.86
	Blank <0.0005
	Standard name DMR-0219-2017-Eu
Dissolved Copper (Cu) mg/L	Result 1.283
	Accuracy 99.8%
	Limit 1.02 - 1.54
	Blank <0.0005
	Standard name DMR-0219-2017-Eu

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Quality control Report

Lab number: V-66437

Sample name: ST-17

Sampling location: Portage Pit

Sampling date: August 07, 2017

Sampling hour: 07:15

Parameter	
Cyanide W.A.D. mg/L	Result 1.298
	Accuracy 98.6%
	Limit 1.02 - 1.54
	Blank <0.001
	Standard name DMR-0343-CN
Total Cyanide (CNT) mg/L	Result 0.911
	Accuracy 96.8%
	Limit 0.751 - 1.015
	Blank <0.001
	Standard name DMR-0343-CN
Iron (Fe) mg/L	Result 1.07
	Accuracy 90.7%
	Limit 1.003 - 1.357
	Blank <0.01
	Standard name DMR-0219-2017-Eu
Dissolved Iron (Fe) mg/L	Result 11.3
	Accuracy 99.1%
	Limit 9.1 - 13.7
	Blank <0.01
	Standard name DMR-0219-2017-Eu
Ferrous Iron (Fe 2+) mg/L	Result 11.3
	Accuracy 99.1%
	Limit 9.1 - 13.7
	Blank <0.01
	Standard name Maison-Fe++-0.5ppm
Dissolved ferrous Iron (Fe 2+) mg/L	Result 0.58
	Accuracy 84%
	Limit 0.4 - 0.6
	Blank <0.01
	Standard name Std-maison -diss
Ferric Iron (Fe 3+) mg/L	Result 0.58
	Accuracy 84%
	Limit 0.4 - 0.6
	Blank <0.01
Dissolved ferric Iron (Fe 3+) mg/L	Blank <0.01
Fluoride (F) mg/L	Blank <0.02
	Standard name DMR-0343-2017-F
	Result 2.22
	Accuracy 96.5%
	Limit 2.1 - 2.5

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Quality control Report

Lab number: V-66437

Sample name: ST-17

Sampling location: Portage Pit

Sampling date: August 07, 2017

Sampling hour: 07:15

Parameter

Total Suspended Solids mg/L Standard name STD-MES 25mg/L

Result 21

Accuracy 84%

Limit 19 - 31

Total Suspended Solids mg/L Blank <1

Standard name STD-MES 250mg/L

Result 249

Accuracy 99.6%

Limit 194 - 306

Manganese (Mn) mg/L Blank <0.0003

Standard name DMR-0219-2017-Eu

Result 3.840

Accuracy 98.5%

Limit 3.12 - 4.68

Dissolved Manganese (Mn) mg/L Blank <0.0003

Standard name DMR-0219-2017-Eu

Result 3.853

Accuracy 98.8%

Limit 3.12 - 4.68

Mercury (Hg) mg/L Blank <0.00001

Standard name DMR-0343-2017-HgEu

Result 0.00046

Accuracy 65.7%

Limit 0.00042 - 0.00098

Dissolved Mercury (Hg) mg/L Blank <0.00001

Standard name DMR-0343-2017-HgEu

Result 0.00046

Accuracy 65.7%

Limit 0.00042 - 0.00098

Molybdenum (Mo) mg/L Blank <0.0002

Standard name DMR-0219-2017-Eu

Result 0.5664

Accuracy 80%

Limit 0.566 - 0.850

Dissolved Molybdenum (Mo) mg/L Blank <0.0002

Standard name DMR-0219-2017-Eu

Result 0.5666

Accuracy 80%

Limit 0.566 - 0.850

Ammonia NH₃ (non-ionized) mg Blank <0.01

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Quality control Report

Lab number: V-66437

Sample name: ST-17

Sampling location: Portage Pit

Sampling date: August 07, 2017

Sampling hour: 07:15

Parameter	
Nickel (Ni) mg/L	Blank <0.0005 Standard name DMR-0219-2017-Eu Result 1.086 Accuracy 95.3% Limit 0.91 - 1.37
Dissolved Nickel (Ni) mg/L	Blank <0.0005 Standard name DMR-0219-2017-Eu Result 1.092 Accuracy 95.8% Limit 0.91 - 1.37
Nitrate (NO3) mg N/L	Blank <0.01
Nitrite (NO2) mg N/L	Blank <0.01 Standard name DMR-0343-2017-NO2 Result 2.79 Accuracy 97% Limit 2.30 - 3.12
Dissolved Phosphorus (P) mg P/	Blank <0.01 Standard name DMR-0343-2017-Ptotal Result 1.27 Accuracy 88.6% Limit 1.00 - 1.28
Total Phosphorus (P) mg P/L	Blank <0.01 Standard name DMR-0343-2017-Ptotal Result 1.27 Accuracy 88.6% Limit 1.00 - 1.28
Lead (Pb) mg/L	Blank <0.0005 Standard name DMR-0219-2017-Eu Result 0.7927 Accuracy 87.8% Limit 0.722 - 1.084
Dissolved Lead (Pb) mg/L	Blank <0.0005 Standard name DMR-0219-2017-Eu Result 0.8059 Accuracy 89.2% Limit 0.722 - 1.084
Selenium (Se) mg/L	Blank <0.0006 Standard name C00-046-705_X_1000 Result 0.107 Accuracy 93%

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Quality control Report

Lab number: V-66437

Sample name: ST-17

Sampling location: Portage Pit

Sampling date: August 07, 2017

Sampling hour: 07:15

Parameter	
Dissolved Selenium (Se) mg/L	Limit 0.0800 - 0.1200
	Blank <0.0006
	Standard name DMR-0219-2017-Eu
	Result 1.56
	Accuracy 84.4%
Sulfate (SO4) mg SO4/L	Limit 1.08 - 1.62
	Blank <0.6
	Standard name DMR-0343-2017-SO4
	Result 117
	Accuracy 95.1%
Thallium (Tl) mg/L	Limit 114 - 132
	Blank <0.0008
	Standard name Tl-S140909023-1000ppm
	Result 1024
	Accuracy 97.6%
Dissolved thallium (Tl) mg/L	Limit 800 - 1200
	Blank <0.0008
	Standard name Tl-S140909023-1000ppm
	Result 1024
	Accuracy 97.6%
Zinc (Zn) mg/L	Limit 800 - 1200
	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 4.82
	Accuracy 94.3%
Dissolved Zinc mg/L	Limit 3.65 - 5.47
	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 4.79
	Accuracy 95%
	Limit 3.65 - 5.47

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Additional information

Lab number: V-66437

Sample name: ST-17

Sampling location: Portage Pit

Sampling date: August 07, 2017

Sampling hour: 07:15

Rush24H

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-NH3-2.0	MA.300-N 2.0
M-CL-2.0	MA.300-Ions 1.3
M-CN-1.0	MA.300-CN 1.2
M-CI-1.0	MA.300-Anions 1.0
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-P-3.0	MA. 315-P 2.0
M-SULF-2.0	MA.300-Ions 1.3

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-66438

Sampling location: central dike seepage

Sampling date: August 07, 2017

Sample name: ST-S-5

Sampling hour: 07:15

Sampled by: Tom T. IC

Date received: August 08, 2017

Matrix: Water

Drinking water distribution: **OL-572177**

Reported on: August 17, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Lab number: V-66438

Sample name: ST-S-5

Sampling date: August 07, 2017

Sampling location: central dike seepage

Sampling hour: 07:15

Parameter	Result	Method name	Analysis date
Acidity	8 mg CaCO ₃ /L	M-TIT-1.0	August 08, 2017
Alkalinity	125 mg CaCO ₃ /L	M-TIT-1.0	August 08, 2017
Aluminium (Al)	<0.003 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Dissolved Aluminium (Al)	0.008 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Silver (Ag)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Dissolved Silver (Ag)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Arsenic (As)	0.0292 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Dissolved Arsenic (As)	0.0130 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	29.8 mg N/L	Sous-traitance\Multilab Direct	August 09, 2017
Barium (Ba)	0.0243 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Dissolved Barium (Ba)	0.0226 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Cadmium (Cd)	0.00020 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Dissolved Cadmium (Cd)	<0.00005 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Chloride	377 mg/L	Sous-traitance\Multilab Direct	August 10, 2017
Chrome (Cr)	<0.0001 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Dissolved Chromium (Cr)	<0.0001 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Copper (Cu)	0.0005 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Dissolved Copper (Cu)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Cyanide W.A.D.	0.079 mg/L	Sous-traitance\Multilab Direct	August 10, 2017
Total Cyanide (CNT)	0.196 mg/L	Sous-traitance\Multilab Direct	August 10, 2017
Hardness	1841 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	August 09, 2017
Iron (Fe)	0.89 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Dissolved Iron (Fe)	0.10 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Ferrous Iron (Fe 2+)	<0.01 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Dissolved ferrous Iron (Fe 2+)	<0.01 mg/L	Sous-traitance\Multilab Direct	August 10, 2017
Ferric Iron (Fe 3+)	0.80 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Dissolved ferric Iron (Fe 3+)	<0.01 mg/L	Sous-traitance\Multilab Direct	August 10, 2017
Fluoride (F)	0.41 mg/L	Sous-traitance\Multilab Direct	August 10, 2017
Total Suspended Solids	<1 mg/L	M-SOLI-1.0	August 09, 2017
Manganese (Mn)	2.152 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Dissolved Manganese (Mn)	1.932 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Dissolved Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Molybdenum (Mo)	0.3258 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Dissolved Molybdenum (Mo)	0.2991 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Ammonia NH ₃ (non-ionized)	0.48 mg N/L	Sous-traitance\Multilab Direct	August 09, 2017
Nickel (Ni)	0.0097 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Dissolved Nickel (Ni)	0.0089 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Nitrate (NO ₃)	0.20 mg N/L	Sous-traitance\Multilab Direct	August 09, 2017
Nitrite (NO ₂)	0.03 mg N/L	Sous-traitance\Multilab Direct	August 09, 2017

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Analytical Report

Lab number: V-66438

Sample name: ST-S-5

Sampling date: August 07, 2017

Sampling location: central dike seepage

Sampling hour: 07:15

Parameter	Result	Method name	Analysis date
Dissolved Phosphorus (P)	0.02 mg P/L	Sous-traitance\Multilab Direct	August 10, 2017
Total Phosphorus (P)	0.05 mg P/L	Sous-traitance\Multilab Direct	August 10, 2017
Lead (Pb)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Dissolved Lead (Pb)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Selenium (Se)	0.005 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Dissolved Selenium (Se)	0.001 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Dissolved Solids	2592 mg/L	M-TIT-1.0	August 08, 2017
Sulfate (SO4)	1654 mg SO4/L	Sous-traitance\Multilab Direct	August 09, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	August 16, 2017
Dissolved thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	August 16, 2017
Zinc (Zn)	0.002 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Dissolved Zinc	<0.001 mg/L	Sous-traitance\Multilab Direct	August 09, 2017

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Detection limit

Lab number: V-66438

Sample name: ST-S-5

Sampling date: August 07, 2017

Sampling location: central dike seepage

Sampling hour: 07:15

Parameter	Value	Unit	Method	Accreditation
Acidity	2	mg CaCO ₃ /L	M-TIT-1.0	
Alkalinity	2	mg CaCO ₃ /L	M-TIT-1.0	
Aluminium (Al)	0.006	mg/L	Sous-traitance	
Dissolved Aluminium (Al)	0.006	mg/L	Sous-traitance	
Silver (Ag)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Silver (Ag)	0.0001	mg/L	Sous-traitance	
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Arsenic (As)	0.0005	mg/L	Sous-traitance	
Ammonia nitrogen (NH ₃ -NH ₄)	0.01	mg N/L	Sous-traitance	Yes
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Barium (Ba)	0.0005	mg/L	Sous-traitance	
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Dissolved Cadmium (Cd)	0.00002	mg/L	Sous-traitance	
Chloride	0.5	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Chromium (Cr)	0.0001	mg/L	Sous-traitance	
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Copper (Cu)	0.0005	mg/L	Sous-traitance	
Cyanide W.A.D.	0.001	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO ₃ /L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes
Dissolved Iron (Fe)	0.01	mg/L	Sous-traitance	
Ferrous Iron (Fe 2+)		mg/L	Sous-traitance	
Dissolved ferrous Iron (Fe 2+)		mg/L	Sous-traitance	
Ferric Iron (Fe 3+)		mg/L	Sous-traitance	
Dissolved ferric Iron (Fe 3+)		mg/L	Sous-traitance	
Fluoride (F)	0.02	mg/L	Sous-traitance	Yes
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Manganese (Mn)	0.0005	mg/L	Sous-traitance	
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Dissolved Mercury (Hg)	0.00001	mg/L	Sous-traitance	
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	
Ammonia NH ₃ (non-ionized)	0.01	mg N/L	Sous-traitance	-
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Nickel (Ni)	0.0005	mg/L	Sous-traitance	
Nitrate (NO ₃)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO ₂)	0.01	mg N/L	Sous-traitance	Yes

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Detection limit

Lab number: V-66438

Sample name: ST-S-5

Sampling date: August 07, 2017

Sampling location: central dike seepage

Sampling hour: 07:15

Parameter	Value	Unit	Method	Accreditation
Dissolved Phosphorus (P)	0.01	mg P/L	Sous-traitance	
Total Phosphorus (P)	0.01	mg P/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Dissolved Lead (Pb)	0.0003	mg/L	Sous-traitance	
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Dissolved Selenium (Se)	0.001	mg/L	Sous-traitance	
Dissolved Solids	1	mg/L	M-TIT-1.0	
Sulfate (SO4)	0.6	mg SO4/L	Sous-traitance	Yes
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Dissolved thallium (Tl)	0.0008	mg/L	Sous-traitance	
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes
Dissolved Zinc	0.001	mg/L	Sous-traitance	

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Quality control Report

Lab number: V-66438

Sample name: ST-S-5

Sampling date: August 07, 2017

Sampling location: central dike seepage

Sampling hour: 07:15

Parameter	
Acidity mg CaCO ₃ /L	Standard name STD acidité Result 253 Accuracy 98.8% Limit 213 - 288
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 152 Accuracy 95.2% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.003 Standard name DMR-0219-2017-Eu Result 6.61 Accuracy 94.6% Limit 5.02 - 7.52
Dissolved Aluminium (Al) mg/L	Blank <0.003 Standard name DMR-0219-2017-Eu Result 6.48 Accuracy 96.7% Limit 5.02 - 7.52
Silver (Ag) mg/L	Blank <0.0005 Standard name DMR-0343-2017-Ag Result 0.6850 Accuracy 85.4% Limit 0.642 - 0.962
Dissolved Silver (Ag) mg/L	Blank <0.0005 Standard name DMR-0343-2017-Ag Result 0.6850 Accuracy 85.4% Limit 0.642 - 0.962
Arsenic (As) mg/L	Blank <0.0005 Standard name DMR-0219-2017-Eu Result 0.2891 Accuracy 98.2% Limit 0.199 - 0.369
Dissolved Arsenic (As) mg/L	Blank <0.0005 Standard name DMR-0219-2017-Eu Result 0.2984 Accuracy 94.9% Limit 0.199 - 0.369
Ammonia nitrogen (NH ₃ -NH ₄) m	Blank <0.01 Standard name DMR-0343-2017-NH ₃ -NH ₄

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Quality control Report

Lab number: V-66438

Sample name: ST-S-5

Sampling date: August 07, 2017

Sampling location: central dike seepage

Sampling hour: 07:15

Parameter	
Barium (Ba) mg/L	Result 2.17
	Accuracy 98.1%
	Limit 1.81 - 2.45
	Blank <0.0002
	Standard name DMR-0219-2017-Eu
Dissolved Barium (Ba) mg/L	Result 2.525
	Accuracy 96.1%
	Limit 1.94 - 2.92
	Blank <0.0002
	Standard name DMR-0219-2017-Eu
Cadmium (Cd) mg/L	Result 2.519
	Accuracy 96.3%
	Limit 1.94 - 2.92
	Blank <0.00005
	Standard name DMR-0219-2017-Eu
Dissolved Cadmium (Cd) mg/L	Result 0.85919
	Accuracy 95.4%
	Limit 0.721 - 1.081
	Blank <0.00005
	Standard name DMR-0219-2017-Eu
Chrome (Cr) mg/L	Result 0.87487
	Accuracy 97.1%
	Limit 0.721 - 1.081
	Blank <0.0001
	Standard name DMR-0219-2017-Eu
Dissolved Chromium (Cr) mg/L	Result 3.697
	Accuracy 91.3%
	Limit 3.24 - 4.86
	Blank <0.0001
	Standard name DMR-0219-2017-Eu
Copper (Cu) mg/L	Result 3.719
	Accuracy 91.8%
	Limit 3.24 - 4.86
	Blank <0.0005
	Standard name DMR-0219-2017-Eu
Dissolved Copper (Cu) mg/L	Result 1.283
	Accuracy 99.8%
	Limit 1.02 - 1.54
	Blank <0.0005
	Standard name DMR-0219-2017-Eu

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Quality control Report

Lab number: V-66438

Sample name: ST-S-5

Sampling date: August 07, 2017

Sampling location: central dike seepage

Sampling hour: 07:15

Parameter	
Cyanide W.A.D. mg/L	Result 1.298
	Accuracy 98.6%
	Limit 1.02 - 1.54
	Blank <0.001
	Standard name DMR-0343-CN
Total Cyanide (CNT) mg/L	Result 0.911
	Accuracy 96.8%
	Limit 0.751 - 1.015
	Blank <0.001
	Standard name DMR-0343-CN
Iron (Fe) mg/L	Result 1.07
	Accuracy 90.7%
	Limit 1.003 - 1.357
	Blank <0.01
	Standard name DMR-0219-2017-Eu
Dissolved Iron (Fe) mg/L	Result 11.3
	Accuracy 99.1%
	Limit 9.1 - 13.7
	Blank <0.01
	Standard name DMR-0219-2017-Eu
Ferrous Iron (Fe 2+) mg/L	Result 11.3
	Accuracy 99.1%
	Limit 9.1 - 13.7
	Blank <0.01
	Standard name Maison-Fe++-0.5ppm
Dissolved ferrous Iron (Fe 2+) mg/L	Result 0.58
	Accuracy 84%
	Limit 0.4 - 0.6
	Blank <0.01
	Standard name Std-maison -diss
Ferric Iron (Fe 3+) mg/L	Result 0.58
	Accuracy 84%
	Limit 0.4 - 0.6
	Blank <0.01
Dissolved ferric Iron (Fe 3+) mg/L	Blank <0.01
Fluoride (F) mg/L	Blank <0.02
	Standard name DMR-0343-2017-F
	Result 2.22
	Accuracy 96.5%
	Limit 2.1 - 2.5

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Quality control Report

Lab number: V-66438

Sample name: ST-S-5

Sampling location: central dike seepage

Sampling date: August 07, 2017

Sampling hour: 07:15

Parameter	
Manganese (Mn) mg/L	Blank <0.0003 Standard name DMR-0219-2017-Eu Result 3.840 Accuracy 98.5% Limit 3.12 - 4.68
Dissolved Manganese (Mn) mg/L	Blank <0.0003 Standard name DMR-0219-2017-Eu Result 3.853 Accuracy 98.8% Limit 3.12 - 4.68
Mercury (Hg) mg/L	Blank <0.00001 Standard name DMR-0343-2017-HgEu Result 0.00046 Accuracy 65.7% Limit 0.00042 - 0.00098
Dissolved Mercury (Hg) mg/L	Blank <0.00001 Standard name DMR-0343-2017-HgEu Result 0.00046 Accuracy 65.7% Limit 0.00042 - 0.00098
Molybdenum (Mo) mg/L	Blank <0.0002 Standard name DMR-0219-2017-Eu Result 0.5664 Accuracy 80% Limit 0.566 - 0.850
Dissolved Molybdenum (Mo) mg/L	Blank <0.0002 Standard name DMR-0219-2017-Eu Result 0.5666 Accuracy 80% Limit 0.566 - 0.850
Ammonia NH ₃ (non-ionized) mg	Blank <0.01
Nickel (Ni) mg/L	Blank <0.0005 Standard name DMR-0219-2017-Eu Result 1.086 Accuracy 95.3% Limit 0.91 - 1.37
Dissolved Nickel (Ni) mg/L	Blank <0.0005 Standard name DMR-0219-2017-Eu Result 1.092 Accuracy 95.8%

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Quality control Report

Lab number: V-66438

Sample name: ST-S-5

Sampling date: August 07, 2017

Sampling location: central dike seepage

Sampling hour: 07:15

Parameter	
	Limit 0.91 - 1.37
Nitrate (NO3) mg N/L	Blank <0.01
Nitrite (NO2) mg N/L	Blank <0.01
	Standard name DMR-0343-2017-NO2
	Result 2.79
	Accuracy 97%
	Limit 2.30 - 3.12
Dissolved Phosphorus (P) mg P/	Blank <0.01
	Standard name DMR-0343-2017-Ptotal
	Result 1.27
	Accuracy 88.6%
	Limit 1.00 - 1.28
Total Phosphorus (P) mg P/L	Blank <0.01
	Standard name DMR-0343-2017-Ptotal
	Result 1.27
	Accuracy 88.6%
	Limit 1.00 - 1.28
Lead (Pb) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 0.7927
	Accuracy 87.8%
	Limit 0.722 - 1.084
Dissolved Lead (Pb) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 0.8059
	Accuracy 89.2%
	Limit 0.722 - 1.084
Selenium (Se) mg/L	Blank <0.001
	Standard name DMR-0219-2017-Eu
	Result 1.32
	Accuracy 97.8%
	Limit 1.08 - 1.62
Dissolved Selenium (Se) mg/L	Blank <0.001
	Standard name DMR-0219-2017-Eu
	Result 1.32
	Accuracy 97.8%
	Limit 1.08 - 1.62
Sulfate (SO4) mg SO4/L	Blank <0.6
	Standard name DMR-0343-2017-SO4
	Result 117

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Quality control Report

Lab number: V-66438

Sample name: ST-S-5

Sampling date: August 07, 2017

Sampling location: central dike seepage

Sampling hour: 07:15

Parameter

Thallium (Tl) mg/L
Accuracy 95.1%
Limit 114 - 132
Blank <0.0008
Standard name TI-S140909023-1000ppm
Result 1024

Dissolved thallium (Tl) mg/L
Accuracy 97.6%
Limit 800 - 1200
Blank <0.0008
Standard name TI-S140909023-1000ppm
Result 1024

Zinc (Zn) mg/L
Accuracy 97.6%
Limit 800 - 1200
Blank <0.0005
Standard name DMR-0219-2017-Eu
Result 4.82

Dissolved Zinc mg/L
Accuracy 94.3%
Limit 3.65 - 5.47
Blank <0.0005
Standard name DMR-0219-2017-Eu
Result 4.79

Accuracy 95%
Limit 3.65 - 5.47

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Additional information

Lab number: V-66438

Sample name: ST-S-5

Sampling location: central dike seepage

Sampling date: August 07, 2017

Sampling hour: 07:15

Rush24H

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-NH3-2.0	MA.300-N 2.0
M-CL-2.0	MA.300-Ions 1.3
M-CN-1.0	MA.300-CN 1.2
M-CI-1.0	MA.300-Anions 1.0
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-P-3.0	MA. 315-P 2.0
M-SULF-2.0	MA.300-Ions 1.3

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-66439

Sampling location: Tailing pond south cell

Sampling date: August 07, 2017

Sample name: ST-21 South

Sampling hour: N/D

Sampled by: Tom T. IC

Date received: August 08, 2017

Matrix: Waste Water

Drinking water distribution: **OL-572177**

Reported on: August 23, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Lab number: V-66439

Sample name: ST-21 South

Sampling date: August 07, 2017

Sampling location: Tailing pond south cell

Sampling hour: N/D

Parameter	Result	Method name	Analysis date
Acidity	4 mg CaCO ₃ /L	M-TIT-1.0	August 08, 2017
Alkalinity	133 mg CaCO ₃ /L	M-TIT-1.0	August 08, 2017
Aluminium (Al)	0.198 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Dissolved Aluminium (Al)	0.111 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Silver (Ag)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Dissolved Silver (Ag)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Arsenic (As)	0.0095 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Arsenic 3	0.002 mg/L	Sous-traitance\CEAEQ	August 17, 2017
Arsenic 5	0.006 mg/L	Sous-traitance\CEAEQ	August 17, 2017
Dissolved Arsenic (As)	0.0086 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	41.4 mg N/L	Sous-traitance\Multilab Direct	August 09, 2017
Barium (Ba)	0.0918 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Dissolved Barium (Ba)	0.0895 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Cadmium (Cd)	0.00020 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Dissolved Cadmium (Cd)	<0.00005 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Chloride	310 mg/L	Sous-traitance\Multilab Direct	August 10, 2017
Chrome (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Dissolved Chromium (Cr)	<0.0001 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Copper (Cu)	0.1096 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Dissolved Copper (Cu)	0.1055 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Cyanates (CNO)	<0.01 mg CNO/L	Sous-traitance\Multilab Direct	August 10, 2017
Cyanide W.A.D.	0.097 mg/L	Sous-traitance\Multilab Direct	August 10, 2017
Total Cyanide (CNT)	0.228 mg/L	Sous-traitance\Multilab Direct	August 10, 2017
Hardness	1740 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	August 09, 2017
Iron (Fe)	0.37 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Dissolved Iron (Fe)	0.02 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Ferrous Iron (Fe 2+)	<0.01 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Dissolved ferrous Iron (Fe 2+)	0.01 mg/L	Sous-traitance\Multilab Direct	August 10, 2017
Ferric Iron (Fe 3+)	0.42 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Dissolved ferric Iron (Fe 3+)	0.01 mg/L	Sous-traitance\Multilab Direct	August 10, 2017
Fluoride (F)	0.38 mg/L	Sous-traitance\Multilab Direct	August 10, 2017
Total Suspended Solids	16 mg/L	M-SOLI-1.0	August 09, 2017
Manganese (Mn)	0.4228 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Dissolved Manganese (Mn)	0.4069 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Dissolved Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Molybdenum (Mo)	0.4203 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Dissolved Molybdenum (Mo)	0.4215 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Nickel (Ni)	0.0550 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Dissolved Nickel (Ni)	0.0567 mg/L	Sous-traitance\Multilab Direct	August 09, 2017

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Analytical Report

Lab number: V-66439

Sample name: ST-21 South

Sampling date: August 07, 2017

Sampling location: Tailing pond south cell

Sampling hour: N/D

Parameter	Result	Method name	Analysis date
Nitrate (NO3)	2.83 mg N/L	Sous-traitance\Multilab Direct	August 09, 2017
Nitrite (NO2)	0.15 mg N/L	Sous-traitance\Multilab Direct	August 09, 2017
Lead (Pb)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Dissolved Lead (Pb)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Selenium (Se)	0.026 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Selenium IV	0.004 mg/L	Sous-traitance\CEAEQ	August 10, 2017
Selenium VI	0.023 mg/L	Sous-traitance\CEAEQ	August 10, 2017
Dissolved Selenium (Se)	0.019 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	August 16, 2017
Dissolved thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	August 16, 2017
Thiocyanate (SCN)	<0.05 mg SCN/L	Sous-traitance\Multilab Direct	August 10, 2017
Zinc (Zn)	0.005 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Dissolved Zinc	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Dissolved Solids	2664 mg/L	M-TIT-1.0	August 08, 2017

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Detection limit

Lab number: V-66439

Sample name: ST-21 South

Sampling date: August 07, 2017

Sampling location: Tailing pond south cell

Sampling hour: N/D

Parameter	Value	Unit	Method	Accreditation
Acidity	2	mg CaCO ₃ /L	M-TIT-1.0	
Alkalinity	2	mg CaCO ₃ /L	M-TIT-1.0	
Aluminium (Al)	0.006	mg/L	Sous-traitance	
Dissolved Aluminium (Al)	0.006	mg/L	Sous-traitance	
Silver (Ag)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Silver (Ag)	0.0001	mg/L	Sous-traitance	
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Arsenic 3		mg/L	Sous-traitance	
Arsenic 5		mg/L	Sous-traitance	
Dissolved Arsenic (As)	0.0005	mg/L	Sous-traitance	
Ammonia nitrogen (NH ₃ -NH ₄)	0.01	mg N/L	Sous-traitance	Yes
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Barium (Ba)	0.0005	mg/L	Sous-traitance	
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Dissolved Cadmium (Cd)	0.00002	mg/L	Sous-traitance	
Chloride	0.5	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Chromium (Cr)	0.0005	mg/L	Sous-traitance	
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Copper (Cu)	0.0005	mg/L	Sous-traitance	
Cyanates (CNO)	0.01	mg CNO/L	Sous-traitance	
Cyanide W.A.D.	0.001	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO ₃ /L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes
Dissolved Iron (Fe)	0.01	mg/L	Sous-traitance	
Ferrous Iron (Fe 2+)		mg/L	Sous-traitance	
Dissolved ferrous Iron (Fe 2+)		mg/L	Sous-traitance	
Ferric Iron (Fe 3+)		mg/L	Sous-traitance	
Dissolved ferric Iron (Fe 3+)		mg/L	Sous-traitance	
Fluoride (F)	0.02	mg/L	Sous-traitance	Yes
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Manganese (Mn)	0.0005	mg/L	Sous-traitance	
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Dissolved Mercury (Hg)	0.00001	mg/L	Sous-traitance	
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Nickel (Ni)	0.0005	mg/L	Sous-traitance	

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Detection limit

Lab number: V-66439

Sample name: ST-21 South

Sampling date: August 07, 2017

Sampling location: Tailing pond south cell

Sampling hour: N/D

Parameter	Value	Unit	Method	Accreditation
Nitrate (NO3)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO2)	0.01	mg N/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Dissolved Lead (Pb)	0.0003	mg/L	Sous-traitance	
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Selenium IV	0.001	mg/L	Sous-traitance	
Selenium VI	0.001	mg/L	Sous-traitance	
Dissolved Selenium (Se)	0.001	mg/L	Sous-traitance	
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Dissolved thallium (Tl)	0.0008	mg/L	Sous-traitance	
Thiocyanate (SCN)	0.05	mg SCN/L	Sous-traitance	Yes
Zinc (Zn)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Zinc	0.001	mg/L	Sous-traitance	
Dissolved Solids	1	mg/L	M-TIT-1.0	

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Quality control Report

Lab number: V-66439

Sample name: ST-21 South

Sampling date: August 07, 2017

Sampling location: Tailing pond south cell

Sampling hour: N/D

Parameter	
Acidity mg CaCO ₃ /L	Standard name STD acidité Result 253 Accuracy 98.8% Limit 213 - 288
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 152 Accuracy 95.2% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.003 Standard name DMR-0219-2017-Eu Result 6.61 Accuracy 94.6% Limit 5.02 - 7.52
Dissolved Aluminium (Al) mg/L	Blank <0.003 Standard name DMR-0219-2017-Eu Result 6.48 Accuracy 96.7% Limit 5.02 - 7.52
Silver (Ag) mg/L	Blank <0.0005 Standard name DMR-0343-2017-Ag Result 0.6850 Accuracy 85.4% Limit 0.642 - 0.962
Dissolved Silver (Ag) mg/L	Blank <0.0005 Standard name DMR-0343-2017-Ag Result 0.6850 Accuracy 85.4% Limit 0.642 - 0.962
Arsenic (As) mg/L	Blank <0.0005 Standard name DMR-0219-2017-Eu Result 0.2891 Accuracy 98.2% Limit 0.199 - 0.369
Dissolved Arsenic (As) mg/L	Blank <0.0005 Standard name DMR-0219-2017-Eu Result 0.2984 Accuracy 94.9% Limit 0.199 - 0.369
Ammonia nitrogen (NH ₃ -NH ₄) m	Blank <0.01 Standard name DMR-0343-2017-NH ₃ -NH ₄

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Quality control Report

Lab number: V-66439

Sample name: ST-21 South

Sampling date: August 07, 2017

Sampling location: Tailing pond south cell

Sampling hour: N/D

Parameter	
Barium (Ba) mg/L	Result 2.26
	Accuracy 93.9%
	Limit 1.81 - 2.45
	Blank <0.0002
	Standard name DMR-0219-2017-Eu
Dissolved Barium (Ba) mg/L	Result 2.525
	Accuracy 96.1%
	Limit 1.94 - 2.92
	Blank <0.0002
	Standard name DMR-0219-2017-Eu
Cadmium (Cd) mg/L	Result 2.519
	Accuracy 96.3%
	Limit 1.94 - 2.92
	Blank <0.00005
	Standard name DMR-0219-2017-Eu
Dissolved Cadmium (Cd) mg/L	Result 0.85919
	Accuracy 95.4%
	Limit 0.721 - 1.081
	Blank <0.00005
	Standard name DMR-0219-2017-Eu
Chrome (Cr) mg/L	Result 0.87487
	Accuracy 97.1%
	Limit 0.721 - 1.081
	Blank <0.0001
	Standard name DMR-0219-2017-Eu
Dissolved Chromium (Cr) mg/L	Result 3.697
	Accuracy 91.3%
	Limit 3.24 - 4.86
	Blank <0.0001
	Standard name DMR-0219-2017-Eu
Copper (Cu) mg/L	Result 3.719
	Accuracy 91.8%
	Limit 3.24 - 4.86
	Blank <0.0005
	Standard name DMR-0219-2017-Eu
Dissolved Copper (Cu) mg/L	Result 1.283
	Accuracy 99.8%
	Limit 1.02 - 1.54
	Blank <0.0005
	Standard name DMR-0219-2017-Eu

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Quality control Report

Lab number: V-66439

Sample name: ST-21 South

Sampling date: August 07, 2017

Sampling location: Tailing pond south cell

Sampling hour: N/D

Parameter	
	Result 1.298
	Accuracy 98.6%
	Limit 1.02 - 1.54
Cyanates (CNO) mg CNO/L	Blank <0.01
	Standard name Controle Maison CNO 250 ppm
	Result 186
	Accuracy 74.4%
	Limit 175 - 325
Cyanide W.A.D. mg/L	Blank <0.001
	Standard name DMR-0343-CN
	Result 0.911
	Accuracy 96.8%
	Limit 0.751 - 1.015
Total Cyanide (CNT) mg/L	Blank <0.001
	Standard name DMR-0343-CN
	Result 1.07
	Accuracy 90.7%
	Limit 1.003 - 1.357
Iron (Fe) mg/L	Blank <0.01
	Standard name DMR-0219-2017-Eu
	Result 11.3
	Accuracy 99.1%
	Limit 9.1 - 13.7
Dissolved Iron (Fe) mg/L	Blank <0.01
	Standard name DMR-0219-2017-Eu
	Result 11.3
	Accuracy 99.1%
	Limit 9.1 - 13.7
Ferrous Iron (Fe 2+) mg/L	Blank <0.01
	Standard name Maison-Fe++-0.5ppm
	Result 0.58
	Accuracy 84%
	Limit 0.4 - 0.6
Dissolved ferrous Iron (Fe 2+) mg/L	Blank <0.01
	Standard name Std-maison -diss
	Result 0.58
	Accuracy 84%
	Limit 0.4 - 0.6
Ferric Iron (Fe 3+) mg/L	Blank <0.01
Dissolved ferric Iron (Fe 3+) mg/l	Blank <0.01

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Quality control Report

Lab number: V-66439

Sample name: ST-21 South

Sampling date: August 07, 2017

Sampling location: Tailing pond south cell

Sampling hour: N/D

Parameter	
Fluoride (F) mg/L	Blank <0.02 Standard name DMR-0343-2017-F Result 2.22 Accuracy 96.5% Limit 2.1 - 2.5
Total Suspended Solids mg/L	Blank <1 Standard name STD-MES 250mg/L Result 249 Accuracy 99.6% Limit 194 - 306
Total Suspended Solids mg/L	Standard name STD-MES 25mg/L Result 21 Accuracy 84% Limit 19 - 31
Manganese (Mn) mg/L	Blank <0.0003 Standard name DMR-0219-2017-Eu Result 3.840 Accuracy 98.5% Limit 3.12 - 4.68
Dissolved Manganese (Mn) mg/L	Blank <0.0003 Standard name DMR-0219-2017-Eu Result 3.853 Accuracy 98.8% Limit 3.12 - 4.68
Dissolved Mercury (Hg) mg/L	Blank <0.00001 Standard name DMR-0343-2017-HgEu Result 0.00046 Accuracy 65.7% Limit 0.00042 - 0.00098
Molybdenum (Mo) mg/L	Blank <0.0002 Standard name DMR-0219-2017-Eu Result 0.5664 Accuracy 80% Limit 0.566 - 0.850
Dissolved Molybdenum (Mo) mg/L	Blank <0.0002 Standard name DMR-0219-2017-Eu Result 0.5666 Accuracy 80% Limit 0.566 - 0.850
Nickel (Ni) mg/L	Blank <0.0005

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Quality control Report

Lab number: V-66439

Sample name: ST-21 South

Sampling date: August 07, 2017

Sampling location: Tailing pond south cell

Sampling hour: N/D

Parameter	
	Standard name DMR-0219-2017-Eu
	Result 1.086
	Accuracy 95.3%
	Limit 0.91 - 1.37
Dissolved Nickel (Ni) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.092
	Accuracy 95.8%
	Limit 0.91 - 1.37
Nitrate (NO3) mg N/L	Blank <0.01
Nitrite (NO2) mg N/L	Blank <0.01
	Standard name DMR-0343-2017-NO2
	Result 2.76
	Accuracy 98.2%
	Limit 2.30 - 3.12
Lead (Pb) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 0.7927
	Accuracy 87.8%
	Limit 0.722 - 1.084
Dissolved Lead (Pb) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 0.8059
	Accuracy 89.2%
	Limit 0.722 - 1.084
Selenium (Se) mg/L	Blank <0.001
	Standard name DMR-0219-2017-Eu
	Result 1.32
	Accuracy 97.8%
	Limit 1.08 - 1.62
Dissolved Selenium (Se) mg/L	Blank <0.001
	Standard name DMR-0219-2017-Eu
	Result 1.32
	Accuracy 97.8%
	Limit 1.08 - 1.62
Thallium (Tl) mg/L	Blank <0.0008
	Standard name Tl-S140909023-1000ppm
	Result 1024
	Accuracy 97.6%
	Limit 800 - 1200

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Quality control Report

Lab number: V-66439

Sample name: ST-21 South

Sampling date: August 07, 2017

Sampling location: Tailing pond south cell

Sampling hour: N/D

Parameter

Dissolved thallium (Tl) mg/L Blank <0.0008
Standard name TI-S140909023-1000ppm
Result 1024
Accuracy 97.6%
Limit 800 - 1200

Thiocyanate (SCN) mg SCN/L Blank <0.05
Standard name STD SCN 568ppm
Result 643
Accuracy 86.8%
Limit 398 - 738

Zinc (Zn) mg/L Blank <0.0005
Standard name DMR-0219-2017-Eu
Result 4.82
Accuracy 94.3%
Limit 3.65 - 5.47

Dissolved Zinc mg/L Blank <0.0005
Standard name DMR-0219-2017-Eu
Result 4.79
Accuracy 95%
Limit 3.65 - 5.47

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Additional information

Lab number: V-66439

Sample name: ST-21 South

Sampling date: August 07, 2017

Sampling location: Tailing pond south cell

Sampling hour: N/D

Rush 24H

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-NH3-2.0	MA.300-N 2.0
M-CL-2.0	MA.300-Ions 1.3
M-CI-1.0	MA.300-Anions 1.0
M-CN-1.0	MA.300-CN 1.2
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-66440

Sampling location: Sewage

Sampling date: August 07, 2017

Sample name: STP-LJ Mix

Sampling hour: 08:20

Sampled by: Tom T

Date received: August 08, 2017

Matrix: Water

Drinking water distribution: **OL-572177**

Reported on: August 18, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Lab number: V-66440

Sample name: STP-LJ Mix

Sampling date: August 07, 2017

Sampling location: Sewage

Sampling hour: 08:20

Parameter	Result	Method name	Analysis date
Ammonia nitrogen (NH ₃ -NH ₄)	15.6 mg N/L	Sous-traitance\Multilab Direct	August 11, 2017
Kjeldahl nitrogen	24.7 mg N/L	Sous-traitance\Multilab Direct	August 18, 2017
BOD-5	5 mg/L	Sous-traitance\H2Lab inc. (SAM)	August 10, 2017
COD	63 mg/L	Sous-traitance\Multilab Direct	August 10, 2017
Total Suspended Solids	16 mg/L	M-SOLI-1.0	August 10, 2017
Ammonia NH ₃ (non-ionized)	0.06 mg N/L	Sous-traitance\Multilab Direct	August 11, 2017
Nitrate (NO ₃)	18.1 mg N/L	Sous-traitance\Multilab Direct	August 09, 2017
Nitrite (NO ₂)	0.73 mg N/L	Sous-traitance\Multilab Direct	August 09, 2017
Dissolved Organic Carbon (D.O.C.)	23.1 mg/L	M-COT-1.0	August 09, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Detection limit

Lab number: V-66440

Sample name: STP-LJ Mix

Sampling date: August 07, 2017

Sampling location: Sewage

Sampling hour: 08:20

Parameter	Value	Unit	Method	Accreditation
Ammonia nitrogen (NH ₃ -NH ₄)	0.01	mg N/L	Sous-traitance	Yes
Kjeldahl nitrogen	0.05	mg N/L	Sous-traitance	Yes
BOD-5	1	mg/L	Sous-traitance	
COD	2	mg/L	Sous-traitance	Yes
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Ammonia NH ₃ (non-ionized)	0.01	mg N/L	Sous-traitance	-
Nitrate (NO ₃)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO ₂)	0.01	mg N/L	Sous-traitance	Yes
Dissolved Organic Carbon (D.O.C)	0.2	mg/L	M-COT-1.0	--

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Quality control Report

Lab number: V-66440

Sample name: STP-LJ Mix

Sampling location: Sewage

Sampling date: August 07, 2017

Sampling hour: 08:20

Parameter

Ammonia nitrogen (NH₃-NH₄) m Blank <0.01
Standard name DMR-0343-2017-NH₃-NH₄
Result 2.16
Accuracy 98.6%
Limit 1.81 - 2.45

Kjeldahl nitrogen mg N/L Blank <0.05
Standard name DMR-0417-2017-NTK
Result 6.46
Accuracy 86.1%
Limit 4.82 - 6.52

Dissolved Organic Carbon (D.O.C) Blank <0.2
Standard name COD 10mg/L
Result 10
Accuracy 100%
Limit 8 - 12

COD mg/L Blank <2
Standard name Dmr-0343-2017-9-DCO
Result 50
Accuracy 92.6%
Limit 42 - 66

Total Suspended Solids mg/L Blank <1
Standard name STD-MES 25mg/L
Result 24
Accuracy 96%
Limit 19 - 31

Ammonia NH₃ (non-ionized) mg Blank <0.01
Nitrate (NO₃) mg N/L Blank <0.01
Nitrite (NO₂) mg N/L Blank <0.01
Standard name DMR-0343-2017-NO₂
Result 2.79
Accuracy 97%
Limit 2.30 - 3.12

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Additional information

Lab number: V-66440
Sample name: STP-LJ Mix
Sampling location: Sewage

Sampling date: August 07, 2017
Sampling hour: 08:20

Lab method	Method reference
M-NH3-2.0	MA.300-N 2.0
M-DCO-1.0	MA.315-DCO 1.1
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-66441

Sampling location: Sewage

Sampling date: August 07, 2017

Sample name: STP-In

Sampling hour: 08:15

Sampled by: Tom T

Date received: August 08, 2017

Matrix: Water

Drinking water distribution: **OL-572177**

Reported on: August 25, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Lab number: V-66441

Sample name: STP-In

Sampling location: Sewage

Sampling date: August 07, 2017

Sampling hour: 08:15

Parameter	Result	Method name	Analysis date
Ammonia nitrogen (NH ₃ -NH ₄)	83.8 mg N/L	Sous-traitance\Multilab Direct	August 11, 2017
Kjeldahl nitrogen	105 mg N/L	Sous-traitance\Multilab Direct	August 18, 2017
BOD-5	126 mg/L	Sous-traitance\H2Lab inc. (SAM)	August 10, 2017
COD	468 mg/L	Sous-traitance\Multilab Direct	August 10, 2017
Total Suspended Solids	255 mg/L	M-SOLI-1.0	August 10, 2017
Ammonia NH ₃ (non-ionized)	1.09 mg N/L	Sous-traitance\Multilab Direct	August 11, 2017
Nitrate (NO ₃)	0.04 mg N/L	Sous-traitance\Multilab Direct	August 09, 2017
Nitrite (NO ₂)	0.02 mg N/L	Sous-traitance\Multilab Direct	August 09, 2017
Dissolved Organic Carbon (D.O.C)	166 mg/L	M-COT-1.0	August 09, 2017
Total Phosphorus (P)	10.0 mg P/L	Sous-traitance\Multilab Direct	August 25, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Detection limit

Lab number: V-66441

Sample name: STP-In

Sampling location: Sewage

Sampling date: August 07, 2017

Sampling hour: 08:15

Parameter	Value	Unit	Method	Accreditation
Ammonia nitrogen (NH ₃ -NH ₄)	0.01	mg N/L	Sous-traitance	Yes
Kjeldahl nitrogen	0.05	mg N/L	Sous-traitance	Yes
BOD-5	1	mg/L	Sous-traitance	
COD	2	mg/L	Sous-traitance	Yes
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Ammonia NH ₃ (non-ionized)	0.01	mg N/L	Sous-traitance	-
Nitrate (NO ₃)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO ₂)	0.01	mg N/L	Sous-traitance	Yes
Dissolved Organic Carbon (D.O.C)	0.2	mg/L	M-COT-1.0	--
Total Phosphorus (P)	0.01	mg P/L	Sous-traitance	Yes

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Quality control Report

Lab number: V-66441

Sample name: STP-In

Sampling location: Sewage

Sampling date: August 07, 2017

Sampling hour: 08:15

Parameter	
Ammonia nitrogen (NH ₃ -NH ₄) m	Blank <0.01
	Standard name DMR-0343-2017-NH ₃ -NH ₄
	Result 2.16
	Accuracy 98.6%
	Limit 1.81 - 2.45
Kjeldahl nitrogen mg N/L	Blank <0.05
	Standard name DMR-0417-2017-NTK
	Result 6.46
	Accuracy 86.1%
	Limit 4.82 - 6.52
Dissolved Organic Carbon (D.O.C)	Blank <0.2
	Standard name COD 10mg/L
	Result 10
	Accuracy 100%
	Limit 8 - 12
COD mg/L	Blank <2
	Standard name Dmr-0343-2017-9-DCO
	Result 50
	Accuracy 92.6%
	Limit 42 - 66
Total Suspended Solids mg/L	Blank <1
	Standard name STD-MES 25mg/L
	Result 24
	Accuracy 96%
	Limit 19 - 31
Ammonia NH ₃ (non-ionized) mg	Blank <0.01
Nitrate (NO ₃) mg N/L	Blank <0.01
Nitrite (NO ₂) mg N/L	Blank <0.01
	Standard name DMR-0343-2017-NO ₂
	Result 2.79
	Accuracy 97%
	Limit 2.30 - 3.12
Total Phosphorus (P) mg P/L	Blank <0.01
	Standard name DMR-0417-2017-Ptotal
	Result 1.02
	Accuracy 89.5%
	Limit 1.00 - 1.28

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Additional information

Lab number: V-66441
Sample name: STP-In
Sampling location: Sewage

Sampling date: August 07, 2017
Sampling hour: 08:15

Lab method	Method reference
M-NH3-2.0	MA.300-N 2.0
M-DCO-1.0	MA.315-DCO 1.1
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-P-3.0	MA. 315-P 2.0

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-66442

Sampling location: Sewage

Sampling date: August 07, 2017

Sample name: STP-SEP

Sampling hour: 08:25

Sampled by: Tom T

Date received: August 08, 2017

Matrix: Water

Drinking water distribution: **OL-572177**

Reported on: August 18, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Lab number: V-66442

Sample name: STP-SEP

Sampling location: Sewage

Sampling date: August 07, 2017

Sampling hour: 08:25

Parameter	Result	Method name	Analysis date
Ammonia nitrogen (NH ₃ -NH ₄)	52.1 mg N/L	Sous-traitance\Multilab Direct	August 11, 2017
Kjeldahl nitrogen	60.9 mg N/L	Sous-traitance\Multilab Direct	August 18, 2017
BOD-5	8 mg/L	Sous-traitance\H2Lab inc. (SAM)	August 10, 2017
COD	73 mg/L	Sous-traitance\Multilab Direct	August 10, 2017
Total Suspended Solids	16 mg/L	M-SOLI-1.0	August 10, 2017
Ammonia NH ₃ (non-ionized)	0.97 mg N/L	Sous-traitance\Multilab Direct	August 11, 2017
Nitrate (NO ₃)	1.42 mg N/L	Sous-traitance\Multilab Direct	August 09, 2017
Nitrite (NO ₂)	1.44 mg N/L	Sous-traitance\Multilab Direct	August 09, 2017
Dissolved Organic Carbon (D.O.C.)	39.0 mg/L	M-COT-1.0	August 09, 2017

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Detection limit

Lab number: V-66442

Sample name: STP-SEP

Sampling date: August 07, 2017

Sampling location: Sewage

Sampling hour: 08:25

Parameter	Value	Unit	Method	Accreditation
Ammonia nitrogen (NH ₃ -NH ₄)	0.01	mg N/L	Sous-traitance	Yes
Kjeldahl nitrogen	0.05	mg N/L	Sous-traitance	Yes
BOD-5	1	mg/L	Sous-traitance	
COD	2	mg/L	Sous-traitance	Yes
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Ammonia NH ₃ (non-ionized)	0.01	mg N/L	Sous-traitance	-
Nitrate (NO ₃)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO ₂)	0.01	mg N/L	Sous-traitance	Yes
Dissolved Organic Carbon (D.O.C)	0.2	mg/L	M-COT-1.0	--

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Quality control Report

Lab number: V-66442

Sample name: STP-SEP

Sampling location: Sewage

Sampling date: August 07, 2017

Sampling hour: 08:25

Parameter

Ammonia nitrogen (NH₃-NH₄) m Blank <0.01
Standard name DMR-0343-2017-NH₃-NH₄
Result 2.16
Accuracy 98.6%
Limit 1.81 - 2.45

Kjeldahl nitrogen mg N/L Blank <0.05
Standard name DMR-0417-2017-NTK
Result 6.46
Accuracy 86.1%
Limit 4.82 - 6.52

Dissolved Organic Carbon (D.O.C) Blank <0.2
Standard name COD 10mg/L
Result 10
Accuracy 100%
Limit 8 - 12

COD mg/L Blank <2
Standard name Dmr-0343-2017-9-DCO
Result 50
Accuracy 92.6%
Limit 42 - 66

Total Suspended Solids mg/L Blank <1
Standard name STD-MES 25mg/L
Result 24
Accuracy 96%
Limit 19 - 31

Ammonia NH₃ (non-ionized) mg Blank <0.01
Nitrate (NO₃) mg N/L Blank <0.01
Nitrite (NO₂) mg N/L Blank <0.01
Standard name DMR-0343-2017-NO₂
Result 2.79
Accuracy 97%
Limit 2.30 - 3.12

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
This report shall not be reproduced except in full without the written authority of the laboratory.



Additional information

Lab number: V-66442
Sample name: STP-SEP
Sampling location: Sewage

Sampling date: August 07, 2017
Sampling hour: 08:25

Lab method	Method reference
M-NH3-2.0	MA.300-N 2.0
M-DCO-1.0	MA.315-DCO 1.1
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
This report shall not be reproduced except in full without the written authority of the laboratory.



Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-66443

Sampling location: ST-10 N65 04.11.9 W 95 59.52.7

Sampling date: August 07, 2017

Sample name: ST-10/ST-MMER-2

Sampling hour: 09:00

Sampled by: Tom T/IC

Date received: August 08, 2017

Matrix: Water

Drinking water distribution: **OL-572177**

Reported on: September 11, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
This report shall not be reproduced except in full without the written authority of the laboratory.



Analytical Report

Lab number: V-66443

Sample name: ST-10/ST-MMER-2

Sampling date: August 07, 2017

Sampling location: ST-10 N65 04.11.9 W 95 59.52.7

Sampling hour: 09:00

Parameter	Result	Method name	Analysis date
Aluminium (Al)	0.202 mg/L	Sous-traitance\Multilab Direct	August 15, 2017
Dissolved Aluminium (Al)	0.015 mg/L	Sous-traitance\Multilab Direct	August 15, 2017
Antimony (Sb)	0.0009 mg/L	Sous-traitance\Multilab Direct	August 15, 2017
Dissolved Antimony (Sb)	0.0010 mg/L	Sous-traitance\Multilab Direct	August 15, 2017
Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 15, 2017
Dissolved Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 15, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	0.63 mg N/L	Sous-traitance\Multilab Direct	August 11, 2017
Kjeldahl nitrogen	1.54 mg N/L	Sous-traitance\Multilab Direct	August 18, 2017
Barium (Ba)	0.0200 mg/L	Sous-traitance\Multilab Direct	August 15, 2017
Dissolved Barium (Ba)	0.0199 mg/L	Sous-traitance\Multilab Direct	August 15, 2017
Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 15, 2017
Dissolved Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 15, 2017
bicarbonate (HCO ₃)	53 mg CaCO ₃ /L	M-TIT-1.0	August 09, 2017
Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	August 15, 2017
Dissolved Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	August 15, 2017
Cadmium (Cd)	0.00002 mg/L	Sous-traitance\Multilab Direct	August 15, 2017
Dissolved Cadmium (Cd)	0.00012 mg/L	Sous-traitance\Multilab Direct	August 15, 2017
Calcium (Ca)	22.6 mg/L	Sous-traitance\Multilab Direct	August 15, 2017
Carbonate (CO ₃)	<2 mg CaCO ₃ /L	M-TIT-1.0	August 09, 2017
Dissolved Organic Carbon (D.O.C.)	4.4 mg/L	M-COT-1.0	August 09, 2017
Total Organic Carbon (T.O.C.)	4.4 mg/L	M-COT-1.0	August 09, 2017
Chloride	6.4 mg/L	Sous-traitance\Multilab Direct	August 10, 2017
Chrome (Cr)	0.0017 mg/L	Sous-traitance\Multilab Direct	August 15, 2017
Dissolved Chromium (Cr)	0.0009 mg/L	Sous-traitance\Multilab Direct	August 15, 2017
Total Cyanide (CNT)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 11, 2017
Hardness	85 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	August 15, 2017
Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 15, 2017
dissolved Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 15, 2017
Iron (Fe)	0.32 mg/L	Sous-traitance\Multilab Direct	August 15, 2017
Dissolved Iron (Fe)	0.03 mg/L	Sous-traitance\Multilab Direct	August 15, 2017
Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	August 16, 2017
Dissolved Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	August 16, 2017
Total Suspended Solids	10 mg/L	M-SOLI-1.0	August 10, 2017
Magnesium (Mg)	7.02 mg/L	Sous-traitance\Multilab Direct	August 15, 2017
Manganese (Mn)	0.0448 mg/L	Sous-traitance\Multilab Direct	August 15, 2017
Dissolved Manganese (Mn)	0.0404 mg/L	Sous-traitance\Multilab Direct	August 15, 2017
Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	August 23, 2017
Dissolved Mercury (Hg)	0.00008 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Molybdenum (Mo)	0.0102 mg/L	Sous-traitance\Multilab Direct	August 15, 2017
Dissolved Molybdenum (Mo)	0.0110 mg/L	Sous-traitance\Multilab Direct	August 15, 2017

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Analytical Report

Lab number: V-66443

Sample name: ST-10/ST-MMER-2

Sampling date: August 07, 2017

Sampling location: ST-10 N65 04.11.9 W 95 59.52.7

Sampling hour: 09:00

Parameter	Result	Method name	Analysis date
Ammonia NH3 (non-ionized)	<0.01 mg N/L	Sous-traitance\Multilab Direct	August 11, 2017
Nickel (Ni)	0.0041 mg/L	Sous-traitance\Multilab Direct	August 15, 2017
Dissolved Nickel (Ni)	0.0047 mg/L	Sous-traitance\Multilab Direct	August 15, 2017
Nitrate (NO3)	2.97 mg N/L	Sous-traitance\Multilab Direct	August 09, 2017
Nitrite (NO2)	0.03 mg N/L	Sous-traitance\Multilab Direct	August 09, 2017
Ortho-Phosphate (O-PO4)	<0.01 mg P/L	Sous-traitance\Multilab Direct	August 10, 2017
Total Phosphorus (P)	0.03 mg P/L	Sous-traitance\Multilab Direct	August 16, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	August 15, 2017
Dissolved Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	August 15, 2017
Potassium (K)	2.22 mg/L	Sous-traitance\Multilab Direct	August 15, 2017
Radium (Ra 226)	0.008 Becquerels/L	M-RA-2.0	August 18, 2017
Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 15, 2017
Dissolved Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 15, 2017
Reactive silica (SiO2)	0.95 mg/L	Sous-traitance\Maxxam	August 15, 2017
Sodium (Na)	3.99 mg/L	Sous-traitance\Multilab Direct	August 15, 2017
Dissolved Solids	147 mg/L	M-TIT-1.0	August 09, 2017
Strontium (Sr)	0.142 mg/L	Sous-traitance\Multilab Direct	August 16, 2017
dissolved Strontium (Sr)	0.146 mg/L	Sous-traitance\Multilab Direct	August 16, 2017
Sulfate (SO4)	40.6 mg SO4/L	Sous-traitance\Multilab Direct	August 21, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	August 16, 2017
Dissolved thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	August 16, 2017
Titanium (Ti)	0.03 mg/L	Sous-traitance\Multilab Direct	August 15, 2017
Dissolved titanium (Ti)	0.02 mg/L	Sous-traitance\Multilab Direct	August 15, 2017
Uranium (U)	0.002 mg/L	Sous-traitance\Multilab Direct	August 15, 2017
Dissolved Uranium (U)	0.002 mg/L	Sous-traitance\Multilab Direct	August 15, 2017
Vanadium (V)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 15, 2017
Dissolved Vanadium	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 15, 2017
Zinc (Zn)	0.006 mg/L	Sous-traitance\Multilab Direct	August 15, 2017
Dissolved Zinc	0.009 mg/L	Sous-traitance\Multilab Direct	August 15, 2017
Alkalinity	53 mg CaCO3/L	M-TIT-1.0	August 09, 2017
Copper (Cu)	0.0023 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Copper (Cu)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 29, 2017

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Detection limit

Lab number: V-66443

Sample name: ST-10/ST-MMER-2

Sampling date: August 07, 2017

Sampling location: ST-10 N65 04.11.9 W 95 59.52.7

Sampling hour: 09:00

Parameter	Value	Unit	Method	Accreditation
Aluminium (Al)	0.006	mg/L	Sous-traitance	
Dissolved Aluminium (Al)	0.006	mg/L	Sous-traitance	
Antimony (Sb)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Antimony (Sb)	0.0001	mg/L	Sous-traitance	
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Arsenic (As)	0.0005	mg/L	Sous-traitance	
Ammonia nitrogen (NH ₃ -NH ₄)	0.01	mg N/L	Sous-traitance	Yes
Kjeldahl nitrogen	0.05	mg N/L	Sous-traitance	Yes
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Barium (Ba)	0.0005	mg/L	Sous-traitance	
Beryllium (Be)	0.0005	mg/L	Sous-traitance	
Dissolved Beryllium (Be)	0.0005	mg/L	Sous-traitance	
bicarbonate (HCO ₃)	2	mg CaCO ₃ /L	M-TIT-1.0	
Boron (B)	0.01	mg/L	Sous-traitance	Yes
Dissolved Boron (B)	0.01	mg/L	Sous-traitance	
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Dissolved Cadmium (Cd)	0.00002	mg/L	Sous-traitance	
Calcium (Ca)	0.03	mg/L	Sous-traitance	Yes
Carbonate (CO ₃)	2	mg CaCO ₃ /L	M-TIT-1.0	
Dissolved Organic Carbon (D.O.C.)	0.2	mg/L	M-COT-1.0	--
Total Organic Carbon (T.O.C.)	0.2	mg/L	M-COT-1.0	Yes
Chloride	0.5	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Dissolved Chromium (Cr)	0.0006	mg/L	Sous-traitance	
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO ₃ /L	Sous-traitance	
Tin (Sn)	0.001	mg/L	Sous-traitance	Yes
dissolved Tin (Sn)	0.001	mg/L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes
Dissolved Iron (Fe)	0.01	mg/L	Sous-traitance	
Lithium (Li)	0.005	mg/L	Sous-traitance	
Dissolved Lithium (Li)	0.005	mg/L	Sous-traitance	
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Magnesium (Mg)	0.02	mg/L	Sous-traitance	Yes
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Manganese (Mn)	0.0005	mg/L	Sous-traitance	
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Dissolved Mercury (Hg)	0.00001	mg/L	Sous-traitance	
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	

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Detection limit

Lab number: V-66443

Sample name: ST-10/ST-MMER-2

Sampling date: August 07, 2017

Sampling location: ST-10 N65 04.11.9 W 95 59.52.7

Sampling hour: 09:00

Parameter	Value	Unit	Method	Accreditation
Ammonia NH3 (non-ionized)	0.01	mg N/L	Sous-traitance	-
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Nickel (Ni)	0.0005	mg/L	Sous-traitance	
Nitrate (NO3)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO2)	0.01	mg N/L	Sous-traitance	Yes
Ortho-Phosphate (O-PO4)	0.01	mg P/L	Sous-traitance	Yes
Total Phosphorus (P)	0.01	mg P/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Dissolved Lead (Pb)	0.0003	mg/L	Sous-traitance	
Potassium (K)	0.05	mg/L	Sous-traitance	
Radium (Ra 226)	0.002	Becquerels/L	M-RA-2.0	Yes
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Dissolved Selenium (Se)	0.001	mg/L	Sous-traitance	
Reactive silica (SiO2)		mg/L	Sous-traitance	
Sodium (Na)	0.05	mg/L	Sous-traitance	Yes
Dissolved Solids	1	mg/L	M-TIT-1.0	
Strontium (Sr)	0.005	mg/L	Sous-traitance	
dissolved Strontium (Sr)	0.005	mg/L	Sous-traitance	
Sulfate (SO4)	0.6	mg SO4/L	Sous-traitance	Yes
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Dissolved thallium (Tl)	0.0008	mg/L	Sous-traitance	
Titanium (Ti)	0.01	mg/L	Sous-traitance	
Dissolved titanium (Ti)	0.01	mg/L	Sous-traitance	
Uranium (U)	0.001	mg/L	Sous-traitance	
Dissolved Uranium (U)	0.001	mg/L	Sous-traitance	
Vanadium (V)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Vanadium	0.0005	mg/L	Sous-traitance	
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes
Dissolved Zinc	0.001	mg/L	Sous-traitance	
Alkalinity	2	mg CaCO3/L	M-TIT-1.0	
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Copper (Cu)	0.0005	mg/L	Sous-traitance	

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Quality control Report

Lab number: V-66443

Sample name: ST-10/ST-MMER-2

Sampling date: August 07, 2017

Sampling location: ST-10 N65 04.11.9 W 95 59.52.7

Sampling hour: 09:00

Parameter	
Alkalinity mg CaCO3/L	Standard name STD alcalinité Result 153 Accuracy 94.5% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006
	Standard name DMR-0219-2017-Eu Result 7.47 Accuracy 80.9% Limit 5.02 - 7.52
Dissolved Aluminium (Al) mg/L	Blank <0.006
	Standard name DMR-0219-2017-Eu Result 7.43 Accuracy 81.5% Limit 5.02 - 7.52
Antimony (Sb) mg/L	Blank <0.0001
	Standard name C00-046-705_X_1000 Result 0.0088 Accuracy 88% Limit 0.0080 - 0.0120
Dissolved Antimony (Sb) mg/L	Blank <0.0001
	Standard name DMR-0219-2017-Eu Result 0.1810 Accuracy 81.5% Limit 0.178 - 0.266
Arsenic (As) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu Result 0.3002 Accuracy 94.3% Limit 0.199 - 0.369
Dissolved Arsenic (As) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu Result 0.3065 Accuracy 92.1% Limit 0.199 - 0.369
Ammonia nitrogen (NH3-NH4) m	Blank <0.01
	Standard name DMR-0343-2017-NH3-NH4 Result 2.16 Accuracy 98.6% Limit 1.81 - 2.45
Kjeldahl nitrogen mg N/L	Blank <0.05

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Quality control Report

Lab number: V-66443

Sample name: ST-10/ST-MMER-2

Sampling date: August 07, 2017

Sampling location: ST-10 N65 04.11.9 W 95 59.52.7

Sampling hour: 09:00

Parameter	
	Standard name DMR-0417-2017-NTK
	Result 6.46
	Accuracy 86.1%
	Limit 4.82 - 6.52
Barium (Ba) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 2.393
	Accuracy 98.5%
	Limit 1.94 - 2.92
Dissolved Barium (Ba) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 2.459
	Accuracy 98.8%
	Limit 1.94 - 2.92
Beryllium (Be) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.701
	Accuracy 99.9%
	Limit 1.36 - 2.04
Dissolved Beryllium (Be) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.778
	Accuracy 95.4%
	Limit 1.36 - 2.04
Boron (B) mg/L	Blank <0.01
	Standard name DMR-0219-2017-Eu
	Result 3.43
	Accuracy 80.9%
	Limit 2.30 - 3.46
Dissolved Boron (B) mg/L	Blank <0.01
	Standard name DMR-0219-2017-Eu
	Result 3.36
	Accuracy 83.3%
	Limit 2.30 - 3.46
Cadmium (Cd) mg/L	Blank <0.00002
	Standard name DMR-0219-2017-Eu
	Result 0.88475
	Accuracy 98.2%
	Limit 0.721 - 1.081
Dissolved Cadmium (Cd) mg/L	Blank <0.00002

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Quality control Report

Lab number: V-66443

Sample name: ST-10/ST-MMER-2

Sampling date: August 07, 2017

Sampling location: ST-10 N65 04.11.9 W 95 59.52.7

Sampling hour: 09:00

Parameter	
	Standard name DMR-0219-2017-Eu
	Result 0.96543
	Accuracy 92.8%
	Limit 0.721 - 1.081
Calcium (Ca) mg/L	Blank <0.03
	Standard name DMR-0219-2017-Eu
	Result 19.0
	Accuracy 94.1%
	Limit 16.2 - 24.2
Dissolved Organic Carbon (D.O.C.) mg/L	Blank <0.2
	Standard name COD 10mg/L
	Result 11
	Accuracy 90%
	Limit 8 - 12
Total Organic Carbon (T.O.C.) mg/L	Blank <0.2
	Standard name COT 10mg/L
	Result 11
	Accuracy 90%
	Limit 8 - 12
Chloride mg/L	Blank <0.5
	Standard name DMR-0343-2017-CI
	Result 106
	Accuracy 98.1%
	Limit 95 - 121
Chrome (Cr) mg/L	Blank <0.0006
	Standard name DMR-0219-2017-Eu
	Result 3.731
	Accuracy 92.1%
	Limit 3.24 - 4.86
Dissolved Chromium (Cr) mg/L	Blank <0.0006
	Standard name DMR-0219-2017-Eu
	Result 4.830
	Accuracy 80.7%
	Limit 3.24 - 4.86
Copper (Cu) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1079
	Accuracy 92.1%
	Limit 0.0800 - 0.1200
Dissolved Copper (Cu) mg/L	Blank <0.0005

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Quality control Report

Lab number: V-66443

Sample name: ST-10/ST-MMER-2

Sampling date: August 07, 2017

Sampling location: ST-10 N65 04.11.9 W 95 59.52.7

Sampling hour: 09:00

Parameter	
	Standard name C00-046-705_X_1000
	Result 0.0904
	Accuracy 90.4%
	Limit 0.0800 - 0.1200
Total Cyanide (CNT) mg/L	Blank <0.001
	Standard name DMR-0343-CN
	Result 1.29
	Accuracy 90.7%
	Limit 1.003 - 1.357
Tin (Sn) mg/L	Blank <0.001
	Standard name DMR-0310-2016-Sn
	Result 10.12
	Accuracy 88.4%
	Limit 7.26 - 10.88
dissolved Tin (Sn) mg/L	Blank <0.001
	Standard name DMR-0310-2016-Sn
	Result 11.70
	Accuracy 71%
	Limit 6.35 - 11.79
Iron (Fe) mg/L	Blank <0.01
	Standard name DMR-0219-2017-Eu
	Result 13.1
	Accuracy 85.1%
	Limit 9.1 - 13.7
Dissolved Iron (Fe) mg/L	Blank <0.01
	Standard name DMR-0219-2017-Eu
	Result 13.7
	Accuracy 79.8%
	Limit 9.1 - 13.7
Lithium (Li) mg/L	Blank <0.005
	Standard name DMR-0219-2017-Eu
	Result 0.839
	Accuracy 99.2%
	Limit 0.677 - 1.015
Dissolved Lithium (Li) mg/L	Blank <0.005
	Standard name DMR-0219-2017-Eu
	Result 0.904
	Accuracy 93.1%
	Limit 0.677 - 1.015
Total Suspended Solids mg/L	Blank <1

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Quality control Report

Lab number: V-66443

Sample name: ST-10/ST-MMER-2

Sampling date: August 07, 2017

Sampling location: ST-10 N65 04.11.9 W 95 59.52.7

Sampling hour: 09:00

Parameter	
	Standard name STD-MES 25mg/L
	Result 24
	Accuracy 96%
	Limit 19 - 31
	Sample duplicate 10-9
Magnesium (Mg) mg/L	Blank <0.02
	Standard name DMR-0219-2017-Eu
	Result 9.48
	Accuracy 80.2%
	Limit 6.33 - 9.49
Manganese (Mn) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 4.597
	Accuracy 82.1%
	Limit 3.12 - 4.68
Dissolved Manganese (Mn) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 4.630
	Accuracy 81.3%
	Limit 3.12 - 4.68
Mercury (Hg) mg/L	Blank <0.00001
Dissolved Mercury (Hg) mg/L	Blank <0.00001
Molybdenum (Mo) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 0.6198
	Accuracy 87.5%
	Limit 0.566 - 0.850
Dissolved Molybdenum (Mo) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 0.6620
	Accuracy 93.5%
	Limit 0.566 - 0.850
Ammonia NH3 (non-ionized) mg	Blank <0.01
Nickel (Ni) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.086
	Accuracy 95.3%
	Limit 0.91 - 1.37
Dissolved Nickel (Ni) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu

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Quality control Report

Lab number: V-66443

Sample name: ST-10/ST-MMER-2

Sampling date: August 07, 2017

Sampling location: ST-10 N65 04.11.9 W 95 59.52.7

Sampling hour: 09:00

Parameter	
	Result 1.143
	Accuracy 99.7%
	Limit 0.91 - 1.37
Nitrate (NO3) mg N/L	Blank <0.01
Nitrite (NO2) mg N/L	Blank <0.01
	Standard name DMR-0343-2017-NO2
	Result 2.79
	Accuracy 97%
	Limit 2.30 - 3.12
Ortho-Phosphate (O-PO4) mg P/l	Blank <0.01
	Standard name DMR-0343-2017-OPO4
	Result 3.20
	Accuracy 99.7%
	Limit 2.81 - 3.57
Total Phosphorus (P) mg P/L	Blank <0.01
	Standard name DMR-0343-2017-Ptotal
	Result 1.14
	Accuracy 100%
	Limit 1.00 - 1.28
Lead (Pb) mg/L	Blank <0.0003
	Standard name DMR-0219-2017-Eu
	Result 0.8026
	Accuracy 88.9%
	Limit 0.722 - 1.084
Dissolved Lead (Pb) mg/L	Blank <0.0003
	Standard name DMR-0219-2017-Eu
	Result 0.8226
	Accuracy 91.1%
	Limit 0.722 - 1.084
Potassium (K) mg/L	Blank <0.05
	Standard name DMR-0219-2017-Eu
	Result 15.0
	Accuracy 84.3%
	Limit 14.2 - 21.4
Radium (Ra 226) Becquerels/L	Blank <0.002
	Standard name STD 54982
	Result 0.069
	Accuracy 100%
	Limit 0.059 - 0.079
Selenium (Se) mg/L	Blank <0.001

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Quality control Report

Lab number: V-66443

Sample name: ST-10/ST-MMER-2

Sampling date: August 07, 2017

Sampling location: ST-10 N65 04.11.9 W 95 59.52.7

Sampling hour: 09:00

Parameter	
	Standard name DMR-0219-2017-Eu
	Result 1.46
	Accuracy 91.9%
	Limit 1.08 - 1.62
Dissolved Selenium (Se) mg/L	Blank <0.001
	Standard name DMR-0219-2017-Eu
	Result 1.45
	Accuracy 92.6%
	Limit 1.08 - 1.62
Sodium (Na) mg/L	Blank <0.05
	Standard name DMR-0219-2017-Eu
	Result 31.6
	Accuracy 83.4%
	Limit 21.7 - 32.5
Strontium (Sr) mg/L	Blank <0.005
	Standard name DMR-0219-2017-Eu
	Result 1.32
	Accuracy 92.7%
	Limit 0.98 - 1.48
dissolved Strontium (Sr) mg/L	Blank <0.005
	Standard name DMR-0219-2017-Eu
	Result 1.43
	Accuracy 83.7%
	Limit 0.98 - 1.48
Sulfate (SO4) mg SO4/L	Blank <0.6
	Standard name DMR-0417-2017-SO4
	Result 123
	Accuracy 100%
	Limit 114 - 132
Thallium (Tl) mg/L	Blank <0.0008
	Standard name TI-S140909023-1000ppm
	Result 996
	Accuracy 99.6%
	Limit 800 - 1200
Dissolved thallium (Tl) mg/L	Blank <0.0008
	Standard name TI-S140909023-1000ppm
	Result 1143
	Accuracy 85.7%
	Limit 800 - 1200
Titanium (Ti) mg/L	Blank <0.01

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Quality control Report

Lab number: V-66443

Sample name: ST-10/ST-MMER-2

Sampling date: August 07, 2017

Sampling location: ST-10 N65 04.11.9 W 95 59.52.7

Sampling hour: 09:00

Parameter	
Dissolved titanium (Ti) mg/L	Blank <0.01
Uranium (U) mg/L	Blank <0.001
	Standard name DMR-0219-2017-Eu
	Result 1.63
	Accuracy 92.6%
	Limit 1.41 - 2.11
Dissolved Uranium (U) mg/L	Blank <0.001
	Standard name DMR-0219-2017-Eu
	Result 1.71
	Accuracy 97.2%
	Limit 1.41 - 2.11
Vanadium (V) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.807
	Accuracy 90.8%
	Limit 1.59 - 2.39
Dissolved Vanadium mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 2.256
	Accuracy 86.6%
	Limit 1.59 - 2.39
Zinc (Zn) mg/L	Blank <0.001
	Standard name DMR-0219-2017-Eu
	Result 4.67
	Accuracy 97.6%
	Limit 3.65 - 5.47
Dissolved Zinc mg/L	Blank <0.001
	Standard name DMR-0219-2017-Eu
	Result 4.75
	Accuracy 95.8%
	Limit 3.65 - 5.47

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Additional information

Lab number: V-66443

Sample name: ST-10/ST-MMER-2

Sampling date: August 07, 2017

Sampling location: ST-10 N65 04.11.9 W 95 59.52.7

Sampling hour: 09:00

Lab method	Method reference
M-MET-3.0	MA.200-Mét. 1.2
M-NH3-2.0	MA.300-N 2.0
M-TIT-1.0	MA.303-Titr Auto 2.0
M-CL-2.0	MA.300-Ions 1.3
M-CN-1.0	MA.300-CN 1.2
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-P-2.0	MA.303-P 1.1
M-P-3.0	MA. 315-P 2.0
M-RA-2.0	APHA 7500-Ra B et EPA P.13 (EMSL-CI)
M-SULF-2.0	MA.300-Ions 1.3

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-66445

Sampling location: Saddle Dam 1

Sampling date: August 07, 2017

Sample name: ST-S-2

Sampling hour: 07:30

Sampled by: MBA/VO

Date received: August 08, 2017

Matrix: Water

Drinking water distribution: **OL-572177**

Reported on: September 11, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Lab number: V-66445

Sample name: ST-S-2

Sampling location: Saddle Dam 1

Sampling date: August 07, 2017

Sampling hour: 07:30

Parameter	Result	Method name	Analysis date
Alkalinity	73 mg CaCO ₃ /L	M-TIT-1.0	August 09, 2017
Aluminium (Al)	0.196 mg/L	Sous-traitance\Multilab Direct	August 17, 2017
Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	August 17, 2017
Arsenic (As)	0.0818 mg/L	Sous-traitance\Multilab Direct	August 17, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	0.04 mg N/L	Sous-traitance\Multilab Direct	August 11, 2017
Barium (Ba)	0.0204 mg/L	Sous-traitance\Multilab Direct	August 17, 2017
Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	August 17, 2017
Chloride	6.7 mg/L	Sous-traitance\Multilab Direct	August 10, 2017
Chrome (Cr)	0.0068 mg/L	Sous-traitance\Multilab Direct	August 17, 2017
Copper (Cu)	0.0041 mg/L	Sous-traitance\Multilab Direct	August 17, 2017
Cyanide W.A.D.	<0.001 mg/L	Sous-traitance\Multilab Direct	August 11, 2017
Total Cyanide (CNT)	0.007 mg/L	Sous-traitance\Multilab Direct	August 11, 2017
Fluoride (F)	0.25 mg/L	Sous-traitance\Multilab Direct	August 10, 2017
Total Suspended Solids	6 mg/L	M-SOLI-1.0	August 10, 2017
Manganese (Mn)	0.0899 mg/L	Sous-traitance\Multilab Direct	August 17, 2017
Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	August 23, 2017
Molybdenum (Mo)	0.0173 mg/L	Sous-traitance\Multilab Direct	August 17, 2017
Ammonia NH ₃ (non-ionized)	<0.01 mg N/L	Sous-traitance\Multilab Direct	August 11, 2017
Nitrate (NO ₃)	13.3 mg N/L	Sous-traitance\Multilab Direct	August 09, 2017
Nitrite (NO ₂)	0.01 mg N/L	Sous-traitance\Multilab Direct	August 09, 2017
Lead (Pb)	0.0052 mg/L	Sous-traitance\Multilab Direct	August 17, 2017
Selenium (Se)	0.001 mg/L	Sous-traitance\Multilab Direct	August 17, 2017
Dissolved Solids	392 mg/L	M-TIT-1.0	August 09, 2017
Sulfate (SO ₄)	134 mg SO ₄ /L	Sous-traitance\Multilab Direct	August 21, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	August 16, 2017
Zinc (Zn)	0.005 mg/L	Sous-traitance\Multilab Direct	August 17, 2017
Hardness	267 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	August 17, 2017
Iron (Fe)	0.38 mg/L	Sous-traitance\Multilab Direct	August 17, 2017
Nickel (Ni)	0.0313 mg/L	Sous-traitance\Multilab Direct	August 17, 2017

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Detection limit

Lab number: V-66445

Sample name: ST-S-2

Sampling date: August 07, 2017

Sampling location: Saddle Dam 1

Sampling hour: 07:30

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO ₃ /L	M-TIT-1.0	
Aluminium (Al)	0.006	mg/L	Sous-traitance	
Silver (Ag)	0.0001	mg/L	Sous-traitance	Yes
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Ammonia nitrogen (NH ₃ -NH ₄)	0.01	mg N/L	Sous-traitance	Yes
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Chloride	0.5	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Cyanide W.A.D.	0.001	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Fluoride (F)	0.02	mg/L	Sous-traitance	Yes
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Ammonia NH ₃ (non-ionized)	0.01	mg N/L	Sous-traitance	-
Nitrate (NO ₃)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO ₂)	0.01	mg N/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Dissolved Solids	1	mg/L	M-TIT-1.0	
Sulfate (SO ₄)	0.6	mg SO ₄ /L	Sous-traitance	Yes
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO ₃ /L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes

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Quality control Report

Lab number: V-66445

Sample name: ST-S-2

Sampling location: Saddle Dam 1

Sampling date: August 07, 2017

Sampling hour: 07:30

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 153 Accuracy 94.5% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006 Standard name DMR-0219-2017-Eu Result 7.06 Accuracy 87.4% Limit 5.02 - 7.52
Silver (Ag) mg/L	Blank <0.0001
Arsenic (As) mg/L	Blank <0.0005 Standard name DMR-0219-2017-Eu Result 0.3444 Accuracy 78.7% Limit 0.199 - 0.369
Ammonia nitrogen (NH ₃ -NH ₄) m	Blank <0.01 Standard name DMR-0343-2017-NH ₃ -NH ₄ Result 2.16 Accuracy 98.6% Limit 1.81 - 2.45
Barium (Ba) mg/L	Blank <0.0005 Standard name DMR-0219-2017-Eu Result 2.444 Accuracy 99.4% Limit 1.94 - 2.92
Cadmium (Cd) mg/L	Blank <0.00002 Standard name DMR-0219-2017-Eu Result 0.97809 Accuracy 91.4% Limit 0.721 - 1.081
Chloride mg/L	Blank <0.5 Standard name DMR-0343-2017-Cl Result 106 Accuracy 98.1% Limit 95 - 121
Chrome (Cr) mg/L	Blank <0.0006 Standard name DMR-0219-2017-Eu Result 4.491 Accuracy 89.1% Limit 3.24 - 4.86

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Quality control Report

Lab number: V-66445

Sample name: ST-S-2

Sampling location: Saddle Dam 1

Sampling date: August 07, 2017

Sampling hour: 07:30

Parameter	
Copper (Cu) mg/L	Blank <0.0005 Standard name DMR-0219-2017-Eu Result 1.540 Accuracy 79.7% Limit 1.02 - 1.54
Cyanide W.A.D. mg/L	Blank <0.001 Standard name DMR-0343-CN Result 0.902 Accuracy 97.8% Limit 0.751 - 1.015
Total Cyanide (CNT) mg/L	Blank <0.001 Standard name DMR-0343-CN Result 1.29 Accuracy 90.7% Limit 1.003 - 1.357
Iron (Fe) mg/L	Blank <0.01 Standard name DMR-0219-2017-Eu Result 12.8 Accuracy 87.7% Limit 9.1 - 13.7
Fluoride (F) mg/L	Blank <0.02 Standard name DMR-0343-2017-F Result 2.22 Accuracy 96.5% Limit 2.1 - 2.5
Total Suspended Solids mg/L	Blank <1 Standard name STD-MES 25mg/L Result 24 Accuracy 96% Limit 19 - 31
Manganese (Mn) mg/L	Blank <0.0005 Standard name DMR-0219-2017-Eu Result 3.982 Accuracy 97.9% Limit 3.12 - 4.68
Mercury (Hg) mg/L	Blank <0.00001
Molybdenum (Mo) mg/L	Blank <0.0005 Standard name DMR-0219-2017-Eu Result 0.6644 Accuracy 93.8%

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Quality control Report

Lab number: V-66445

Sample name: ST-S-2

Sampling location: Saddle Dam 1

Sampling date: August 07, 2017

Sampling hour: 07:30

Parameter	
	Limit 0.566 - 0.850
Ammonia NH3 (non-ionized) mg	Blank <0.01
Nickel (Ni) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.316
	Accuracy 84.6%
	Limit 0.91 - 1.37
Nitrate (NO3) mg N/L	Blank <0.01
Nitrite (NO2) mg N/L	Blank <0.01
	Standard name DMR-0343-2017-NO2
	Result 2.79
	Accuracy 97%
	Limit 2.30 - 3.12
Lead (Pb) mg/L	Blank <0.0003
	Standard name DMR-0219-2017-Eu
	Result 0.9524
	Accuracy 94.5%
	Limit 0.722 - 1.084
Selenium (Se) mg/L	Blank <0.001
	Standard name DMR-0219-2017-Eu
	Result 1.54
	Accuracy 85.9%
	Limit 1.08 - 1.62
Sulfate (SO4) mg SO4/L	Blank <0.6
	Standard name DMR-0417-2017-SO4
	Result 123
	Accuracy 100%
	Limit 114 - 132
Thallium (Tl) mg/L	Blank <0.0008
	Standard name TI-S140909023-1000ppm
	Result 1133
	Accuracy 86.7%
	Limit 800 - 1200
Zinc (Zn) mg/L	Blank <0.001
	Standard name DMR-0219-2017-Eu
	Result 5.27
	Accuracy 84.4%
	Limit 3.65 - 5.47

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Additional information

Lab number: V-66445
Sample name: ST-S-2
Sampling location: Saddle Dam 1

Sampling date: August 07, 2017
Sampling hour: 07:30

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-NH3-2.0	MA.300-N 2.0
M-CL-2.0	MA.300-Ions 1.3
M-CN-1.0	MA.300-CN 1.2
M-CI-1.0	MA.300-Anions 1.0
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-SULF-2.0	MA.300-Ions 1.3

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-66446

Sampling location: Rock storage facility

Sampling date: August 07, 2017

Sample name: ST-30

Sampling hour: 07:45

Sampled by: MBA/VO

Date received: August 08, 2017

Matrix: Water

Drinking water distribution: **OL-572177**

Reported on: September 11, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Lab number: V-66446

Sample name: ST-30

Sampling date: August 07, 2017

Sampling location: Rock storage facility

Sampling hour: 07:45

Parameter	Result	Method name	Analysis date
Alkalinity	98 mg CaCO ₃ /L	M-TIT-1.0	August 09, 2017
Aluminium (Al)	0.155 mg/L	Sous-traitance\Multilab Direct	August 17, 2017
Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	August 17, 2017
Arsenic (As)	0.0089 mg/L	Sous-traitance\Multilab Direct	August 17, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	0.95 mg N/L	Sous-traitance\Multilab Direct	August 11, 2017
Barium (Ba)	0.0205 mg/L	Sous-traitance\Multilab Direct	August 17, 2017
Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	August 17, 2017
Chloride	5.0 mg/L	Sous-traitance\Multilab Direct	August 10, 2017
Chrome (Cr)	0.0060 mg/L	Sous-traitance\Multilab Direct	August 17, 2017
Copper (Cu)	0.0169 mg/L	Sous-traitance\Multilab Direct	August 17, 2017
Cyanide W.A.D.	0.003 mg/L	Sous-traitance\Multilab Direct	August 15, 2017
Total Cyanide (CNT)	0.032 mg/L	Sous-traitance\Multilab Direct	August 15, 2017
Fluoride (F)	0.16 mg/L	Sous-traitance\Multilab Direct	August 10, 2017
Total Suspended Solids	8 mg/L	M-SOLI-1.0	August 10, 2017
Manganese (Mn)	0.3472 mg/L	Sous-traitance\Multilab Direct	August 17, 2017
Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	August 23, 2017
Molybdenum (Mo)	0.0019 mg/L	Sous-traitance\Multilab Direct	August 17, 2017
Ammonia NH ₃ (non-ionized)	0.01 mg N/L	Sous-traitance\Multilab Direct	August 11, 2017
Nitrate (NO ₃)	0.65 mg N/L	Sous-traitance\Multilab Direct	August 09, 2017
Nitrite (NO ₂)	0.05 mg N/L	Sous-traitance\Multilab Direct	August 09, 2017
Lead (Pb)	0.0031 mg/L	Sous-traitance\Multilab Direct	August 17, 2017
Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 17, 2017
Dissolved Solids	235 mg/L	M-TIT-1.0	August 09, 2017
Sulfate (SO ₄)	68.1 mg SO ₄ /L	Sous-traitance\Multilab Direct	August 21, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	August 16, 2017
Zinc (Zn)	0.003 mg/L	Sous-traitance\Multilab Direct	August 17, 2017
Hardness	150 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	August 17, 2017
Iron (Fe)	2.00 mg/L	Sous-traitance\Multilab Direct	August 17, 2017
Nickel (Ni)	0.0089 mg/L	Sous-traitance\Multilab Direct	August 17, 2017

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Detection limit

Lab number: V-66446

Sample name: ST-30

Sampling date: August 07, 2017

Sampling location: Rock storage facility

Sampling hour: 07:45

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO ₃ /L	M-TIT-1.0	
Aluminium (Al)	0.006	mg/L	Sous-traitance	
Silver (Ag)	0.0001	mg/L	Sous-traitance	Yes
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Ammonia nitrogen (NH ₃ -NH ₄)	0.01	mg N/L	Sous-traitance	Yes
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Chloride	0.5	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Cyanide W.A.D.	0.001	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Fluoride (F)	0.02	mg/L	Sous-traitance	Yes
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Ammonia NH ₃ (non-ionized)	0.01	mg N/L	Sous-traitance	-
Nitrate (NO ₃)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO ₂)	0.01	mg N/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Dissolved Solids	1	mg/L	M-TIT-1.0	
Sulfate (SO ₄)	0.6	mg SO ₄ /L	Sous-traitance	Yes
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO ₃ /L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Quality control Report

Lab number: V-66446

Sample name: ST-30

Sampling date: August 07, 2017

Sampling location: Rock storage facility

Sampling hour: 07:45

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 153 Accuracy 94.5% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006 Standard name DMR-0219-2017-Eu Result 7.06 Accuracy 87.4% Limit 5.02 - 7.52
Silver (Ag) mg/L	Blank <0.0001
Arsenic (As) mg/L	Blank <0.0005 Standard name DMR-0219-2017-Eu Result 0.3444 Accuracy 78.7% Limit 0.199 - 0.369
Ammonia nitrogen (NH ₃ -NH ₄) m	Blank <0.01 Standard name DMR-0343-2017-NH ₃ -NH ₄ Result 2.16 Accuracy 98.6% Limit 1.81 - 2.45
Barium (Ba) mg/L	Blank <0.0005 Standard name DMR-0219-2017-Eu Result 2.444 Accuracy 99.4% Limit 1.94 - 2.92
Cadmium (Cd) mg/L	Blank <0.00002 Standard name DMR-0219-2017-Eu Result 0.97809 Accuracy 91.4% Limit 0.721 - 1.081
Chloride mg/L	Blank <0.5 Standard name DMR-0343-2017-Cl Result 106 Accuracy 98.1% Limit 95 - 121
Chrome (Cr) mg/L	Blank <0.0006 Standard name DMR-0219-2017-Eu Result 4.491 Accuracy 89.1% Limit 3.24 - 4.86

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Quality control Report

Lab number: V-66446

Sample name: ST-30

Sampling date: August 07, 2017

Sampling location: Rock storage facility

Sampling hour: 07:45

Parameter	
Copper (Cu) mg/L	Blank <0.0005 Standard name DMR-0219-2017-Eu Result 1.540 Accuracy 79.7% Limit 1.02 - 1.54
Cyanide W.A.D. mg/L	Blank <0.001 Standard name DMR-0343-CN Result 0.912 Accuracy 96.7% Limit 0.751 - 1.015
Total Cyanide (CNT) mg/L	Blank <0.001 Standard name DMR-0343-CN Result 1.27 Accuracy 92.4% Limit 1.003 - 1.357
Iron (Fe) mg/L	Blank <0.01 Standard name DMR-0219-2017-Eu Result 12.8 Accuracy 87.7% Limit 9.1 - 13.7
Fluoride (F) mg/L	Blank <0.02 Standard name DMR-0343-2017-F Result 2.22 Accuracy 96.5% Limit 2.1 - 2.5
Total Suspended Solids mg/L	Blank <1 Standard name STD-MES 25mg/L Result 24 Accuracy 96% Limit 19 - 31
Manganese (Mn) mg/L	Blank <0.0005 Standard name DMR-0219-2017-Eu Result 3.982 Accuracy 97.9% Limit 3.12 - 4.68
Mercury (Hg) mg/L	Blank <0.00001 Sample duplicate <0.00001-<0.00001
Molybdenum (Mo) mg/L	Blank <0.0005 Standard name DMR-0219-2017-Eu Result 0.6644

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Quality control Report

Lab number: V-66446

Sample name: ST-30

Sampling date: August 07, 2017

Sampling location: Rock storage facility

Sampling hour: 07:45

Parameter	
	Accuracy 93.8%
	Limit 0.566 - 0.850
Ammonia NH3 (non-ionized) mg	Blank <0.01
Nickel (Ni) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.316
	Accuracy 84.6%
	Limit 0.91 - 1.37
Nitrate (NO3) mg N/L	Blank <0.01
Nitrite (NO2) mg N/L	Blank <0.01
	Standard name DMR-0343-2017-NO2
	Result 2.79
	Accuracy 97%
	Limit 2.30 - 3.12
Lead (Pb) mg/L	Blank <0.0003
	Standard name DMR-0219-2017-Eu
	Result 0.9524
	Accuracy 94.5%
	Limit 0.722 - 1.084
Selenium (Se) mg/L	Blank <0.001
	Standard name DMR-0219-2017-Eu
	Result 1.54
	Accuracy 85.9%
	Limit 1.08 - 1.62
Sulfate (SO4) mg SO4/L	Blank <0.6
	Standard name DMR-0417-2017-SO4
	Result 123
	Accuracy 100%
	Limit 114 - 132
Thallium (Tl) mg/L	Blank <0.0008
	Standard name TI-S140909023-1000ppm
	Result 1133
	Accuracy 86.7%
	Limit 800 - 1200
Zinc (Zn) mg/L	Blank <0.001
	Standard name DMR-0219-2017-Eu
	Result 5.27
	Accuracy 84.4%
	Limit 3.65 - 5.47

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Additional information

Lab number: V-66446

Sample name: ST-30

Sampling location: Rock storage facility

Sampling date: August 07, 2017

Sampling hour: 07:45

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-NH3-2.0	MA.300-N 2.0
M-CL-2.0	MA.300-Ions 1.3
M-CN-1.0	MA.300-CN 1.2
M-CI-1.0	MA.300-Anions 1.0
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-SULF-2.0	MA.300-Ions 1.3

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-66447

Sampling location: Rock storage facility

Sampling date: August 07, 2017

Sample name: ST-31

Sampling hour: 08:00

Sampled by: MBA/VO

Date received: August 08, 2017

Matrix: Water

Drinking water distribution: **OL-572177**

Reported on: September 11, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Lab number: V-66447

Sample name: ST-31

Sampling date: August 07, 2017

Sampling location: Rock storage facility

Sampling hour: 08:00

Parameter	Result	Method name	Analysis date
Alkalinity	111 mg CaCO ₃ /L	M-TIT-1.0	August 09, 2017
Aluminium (Al)	0.384 mg/L	Sous-traitance\Multilab Direct	August 17, 2017
Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	August 17, 2017
Arsenic (As)	0.0132 mg/L	Sous-traitance\Multilab Direct	August 17, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	0.18 mg N/L	Sous-traitance\Multilab Direct	August 11, 2017
Barium (Ba)	0.0209 mg/L	Sous-traitance\Multilab Direct	August 17, 2017
Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	August 17, 2017
Chloride	13.8 mg/L	Sous-traitance\Multilab Direct	August 10, 2017
Chrome (Cr)	0.0080 mg/L	Sous-traitance\Multilab Direct	August 17, 2017
Copper (Cu)	0.0030 mg/L	Sous-traitance\Multilab Direct	August 17, 2017
Cyanide W.A.D.	<0.001 mg/L	Sous-traitance\Multilab Direct	August 15, 2017
Total Cyanide (CNT)	0.002 mg/L	Sous-traitance\Multilab Direct	August 15, 2017
Fluoride (F)	0.20 mg/L	Sous-traitance\Multilab Direct	August 10, 2017
Total Suspended Solids	18 mg/L	M-SOLI-1.0	August 10, 2017
Manganese (Mn)	0.2204 mg/L	Sous-traitance\Multilab Direct	August 17, 2017
Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	August 23, 2017
Molybdenum (Mo)	0.0038 mg/L	Sous-traitance\Multilab Direct	August 17, 2017
Ammonia NH ₃ (non-ionized)	<0.01 mg N/L	Sous-traitance\Multilab Direct	August 11, 2017
Nitrate (NO ₃)	1.45 mg N/L	Sous-traitance\Multilab Direct	August 09, 2017
Nitrite (NO ₂)	0.03 mg N/L	Sous-traitance\Multilab Direct	August 09, 2017
Lead (Pb)	0.0028 mg/L	Sous-traitance\Multilab Direct	August 17, 2017
Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 17, 2017
Dissolved Solids	254 mg/L	M-TIT-1.0	August 09, 2017
Sulfate (SO ₄)	54.4 mg SO ₄ /L	Sous-traitance\Multilab Direct	August 21, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	August 16, 2017
Zinc (Zn)	0.005 mg/L	Sous-traitance\Multilab Direct	August 17, 2017
Hardness	162 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	August 17, 2017
Iron (Fe)	1.04 mg/L	Sous-traitance\Multilab Direct	August 17, 2017
Nickel (Ni)	0.0072 mg/L	Sous-traitance\Multilab Direct	August 17, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Detection limit

Lab number: V-66447

Sample name: ST-31

Sampling date: August 07, 2017

Sampling location: Rock storage facility

Sampling hour: 08:00

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO ₃ /L	M-TIT-1.0	
Aluminium (Al)	0.006	mg/L	Sous-traitance	
Silver (Ag)	0.0001	mg/L	Sous-traitance	Yes
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Ammonia nitrogen (NH ₃ -NH ₄)	0.01	mg N/L	Sous-traitance	Yes
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Chloride	0.5	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Cyanide W.A.D.	0.001	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Fluoride (F)	0.02	mg/L	Sous-traitance	Yes
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Ammonia NH ₃ (non-ionized)	0.01	mg N/L	Sous-traitance	-
Nitrate (NO ₃)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO ₂)	0.01	mg N/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Dissolved Solids	1	mg/L	M-TIT-1.0	
Sulfate (SO ₄)	0.6	mg SO ₄ /L	Sous-traitance	Yes
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO ₃ /L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes

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Quality control Report

Lab number: V-66447

Sample name: ST-31

Sampling date: August 07, 2017

Sampling location: Rock storage facility

Sampling hour: 08:00

Parameter	
Alkalinity mg CaCO3/L	Standard name STD alcalinité Result 153 Accuracy 94.5% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006 Standard name DMR-0219-2017-Eu Result 7.06 Accuracy 87.4% Limit 5.02 - 7.52
Silver (Ag) mg/L	Blank <0.0001
Arsenic (As) mg/L	Blank <0.0005 Standard name DMR-0219-2017-Eu Result 0.3444 Accuracy 78.7% Limit 0.199 - 0.369
Ammonia nitrogen (NH3-NH4) m	Blank <0.01 Standard name DMR-0343-2017-NH3-NH4 Result 2.16 Accuracy 98.6% Limit 1.81 - 2.45
Barium (Ba) mg/L	Blank <0.0005 Standard name DMR-0219-2017-Eu Result 2.444 Accuracy 99.4% Limit 1.94 - 2.92
Cadmium (Cd) mg/L	Blank <0.00002 Standard name DMR-0219-2017-Eu Result 0.97809 Accuracy 91.4% Limit 0.721 - 1.081
Chloride mg/L	Blank <0.5 Standard name DMR-0343-2017-Cl Result 106 Accuracy 98.1% Limit 95 - 121
Chrome (Cr) mg/L	Blank <0.0006 Standard name DMR-0219-2017-Eu Result 4.491 Accuracy 89.1% Limit 3.24 - 4.86

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Quality control Report

Lab number: V-66447

Sample name: ST-31

Sampling date: August 07, 2017

Sampling location: Rock storage facility

Sampling hour: 08:00

Parameter	
Copper (Cu) mg/L	Blank <0.0005 Standard name DMR-0219-2017-Eu Result 1.540 Accuracy 79.7% Limit 1.02 - 1.54
Cyanide W.A.D. mg/L	Blank <0.001 Standard name DMR-0343-CN Result 0.912 Accuracy 96.7% Limit 0.751 - 1.015
Total Cyanide (CNT) mg/L	Blank <0.001 Standard name DMR-0343-CN Result 1.27 Accuracy 92.4% Limit 1.003 - 1.357
Iron (Fe) mg/L	Blank <0.01 Standard name DMR-0219-2017-Eu Result 12.8 Accuracy 87.7% Limit 9.1 - 13.7
Fluoride (F) mg/L	Blank <0.02 Standard name DMR-0343-2017-F Result 2.22 Accuracy 96.5% Limit 2.1 - 2.5
Total Suspended Solids mg/L	Blank <1 Standard name STD-MES 25mg/L Result 24 Accuracy 96% Limit 19 - 31
Manganese (Mn) mg/L	Blank <0.0005 Standard name DMR-0219-2017-Eu Result 3.982 Accuracy 97.9% Limit 3.12 - 4.68
Mercury (Hg) mg/L	Blank <0.00001
Molybdenum (Mo) mg/L	Blank <0.0005 Standard name DMR-0219-2017-Eu Result 0.6644 Accuracy 93.8%

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Quality control Report

Lab number: V-66447

Sample name: ST-31

Sampling date: August 07, 2017

Sampling location: Rock storage facility

Sampling hour: 08:00

Parameter	
	Limit 0.566 - 0.850
Ammonia NH3 (non-ionized) mg	Blank <0.01
Nickel (Ni) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.316
	Accuracy 84.6%
	Limit 0.91 - 1.37
Nitrate (NO3) mg N/L	Blank <0.01
Nitrite (NO2) mg N/L	Blank <0.01
	Standard name DMR-0343-2017-NO2
	Result 2.79
	Accuracy 97%
	Limit 2.30 - 3.12
Lead (Pb) mg/L	Blank <0.0003
	Standard name DMR-0219-2017-Eu
	Result 0.9524
	Accuracy 94.5%
	Limit 0.722 - 1.084
Selenium (Se) mg/L	Blank <0.001
	Standard name DMR-0219-2017-Eu
	Result 1.54
	Accuracy 85.9%
	Limit 1.08 - 1.62
Sulfate (SO4) mg SO4/L	Blank <0.6
	Standard name DMR-0417-2017-SO4
	Result 123
	Accuracy 100%
	Limit 114 - 132
Thallium (Tl) mg/L	Blank <0.0008
	Standard name TI-S140909023-1000ppm
	Result 1133
	Accuracy 86.7%
	Limit 800 - 1200
Zinc (Zn) mg/L	Blank <0.001
	Standard name DMR-0219-2017-Eu
	Result 5.27
	Accuracy 84.4%
	Limit 3.65 - 5.47

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Additional information

Lab number: V-66447

Sample name: ST-31

Sampling location: Rock storage facility

Sampling date: August 07, 2017

Sampling hour: 08:00

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-NH3-2.0	MA.300-N 2.0
M-CL-2.0	MA.300-Ions 1.3
M-CN-1.0	MA.300-CN 1.2
M-CI-1.0	MA.300-Anions 1.0
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-SULF-2.0	MA.300-Ions 1.3

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-66448

Sampling location: Tailing pond north cell

Sampling date: August 07, 2017

Sample name: ST-21 North

Sampling hour: 08:30

Sampled by: MBA/VO

Date received: August 08, 2017

Matrix: Waste Water

Drinking water distribution: **OL-572177**

Reported on: September 20, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Lab number: V-66448

Sample name: ST-21 North

Sampling date: August 07, 2017

Sampling location: Tailing pond north cell

Sampling hour: 08:30

Parameter	Result	Method name	Analysis date
Alkalinity	78 mg CaCO ₃ /L	M-TIT-1.0	August 09, 2017
Aluminium (Al)	0.134 mg/L	Sous-traitance\Multilab Direct	August 17, 2017
Dissolved Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	August 15, 2017
Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	August 17, 2017
Dissolved Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	August 15, 2017
Arsenic (As)	0.0100 mg/L	Sous-traitance\Multilab Direct	August 17, 2017
Dissolved Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 15, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	7.58 mg N/L	Sous-traitance\Multilab Direct	August 11, 2017
Barium (Ba)	0.0223 mg/L	Sous-traitance\Multilab Direct	August 17, 2017
Dissolved Barium (Ba)	0.0212 mg/L	Sous-traitance\Multilab Direct	August 15, 2017
Cadmium (Cd)	0.00004 mg/L	Sous-traitance\Multilab Direct	August 17, 2017
Dissolved Cadmium (Cd)	0.00018 mg/L	Sous-traitance\Multilab Direct	August 15, 2017
Chloride	36.4 mg/L	Sous-traitance\Multilab Direct	August 10, 2017
Chrome (Cr)	0.0041 mg/L	Sous-traitance\Multilab Direct	August 17, 2017
Dissolved Chromium (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	August 15, 2017
Copper (Cu)	0.0121 mg/L	Sous-traitance\Multilab Direct	August 17, 2017
Dissolved Copper (Cu)	0.0059 mg/L	Sous-traitance\Multilab Direct	August 15, 2017
Cyanates (CNO)	<0.01 mg CNO/L	Sous-traitance\Multilab Direct	August 22, 2017
Cyanide W.A.D.	0.002 mg/L	Sous-traitance\Multilab Direct	August 15, 2017
Total Cyanide (CNT)	0.009 mg/L	Sous-traitance\Multilab Direct	August 15, 2017
Hardness	392 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	August 17, 2017
Iron (Fe)	0.74 mg/L	Sous-traitance\Multilab Direct	August 17, 2017
Dissolved Iron (Fe)	<0.01 mg/L	Sous-traitance\Multilab Direct	August 15, 2017
Fluoride (F)	0.20 mg/L	Sous-traitance\Multilab Direct	August 10, 2017
Total Suspended Solids	15 mg/L	M-SOLI-1.0	August 10, 2017
Manganese (Mn)	0.2337 mg/L	Sous-traitance\Multilab Direct	August 17, 2017
Dissolved Manganese (Mn)	0.1872 mg/L	Sous-traitance\Multilab Direct	August 15, 2017
Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	August 23, 2017
Dissolved Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	August 23, 2017
Dissolved Molybdenum (Mo)	0.0503 mg/L	Sous-traitance\Multilab Direct	August 15, 2017
Ammonia NH ₃ (non-ionized)	0.18 mg N/L	Sous-traitance\Multilab Direct	August 11, 2017
Nickel (Ni)	0.0166 mg/L	Sous-traitance\Multilab Direct	August 17, 2017
Dissolved Nickel (Ni)	0.0136 mg/L	Sous-traitance\Multilab Direct	August 15, 2017
Nitrate (NO ₃)	1.16 mg N/L	Sous-traitance\Multilab Direct	August 09, 2017
Nitrite (NO ₂)	0.14 mg N/L	Sous-traitance\Multilab Direct	August 09, 2017
Lead (Pb)	0.0096 mg/L	Sous-traitance\Multilab Direct	August 17, 2017
Dissolved Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	August 15, 2017
Selenium (Se)	0.003 mg/L	Sous-traitance\Multilab Direct	August 17, 2017
Selenium IV	<0.001 mg/L	Sous-traitance\CEAEQ	August 10, 2017
Selenium VI	0.003 mg/L	Sous-traitance\CEAEQ	August 10, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Analytical Report

Lab number: V-66448

Sample name: ST-21 North

Sampling date: August 07, 2017

Sampling location: Tailing pond north cell

Sampling hour: 08:30

Parameter	Result	Method name	Analysis date
Dissolved Selenium (Se)	0.003 mg/L	Sous-traitance\Multilab Direct	August 15, 2017
Dissolved Solids	802 mg/L	M-TIT-1.0	August 09, 2017
Sulfate (SO4)	382 mg SO4/L	Sous-traitance\Multilab Direct	August 21, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	August 16, 2017
Dissolved thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	August 16, 2017
Thiocyanate (SCN)	8.04 mg SCN/L	Sous-traitance\Multilab Direct	August 12, 2017
Zinc (Zn)	0.002 mg/L	Sous-traitance\Multilab Direct	August 17, 2017
Dissolved Zinc	0.002 mg/L	Sous-traitance\Multilab Direct	August 15, 2017
Molybdenum (Mo)	0.0505 mg/L	Sous-traitance\Multilab Direct	August 17, 2017

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Detection limit

Lab number: V-66448

Sample name: ST-21 North

Sampling date: August 07, 2017

Sampling location: Tailing pond north cell

Sampling hour: 08:30

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO ₃ /L	M-TIT-1.0	
Aluminium (Al)	0.003	mg/L	Sous-traitance	
Dissolved Aluminium (Al)	0.006	mg/L	Sous-traitance	
Silver (Ag)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Silver (Ag)	0.0001	mg/L	Sous-traitance	
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Arsenic (As)	0.0005	mg/L	Sous-traitance	
Ammonia nitrogen (NH ₃ -NH ₄)	0.01	mg N/L	Sous-traitance	Yes
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Barium (Ba)	0.0005	mg/L	Sous-traitance	
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Dissolved Cadmium (Cd)	0.00002	mg/L	Sous-traitance	
Chloride	0.5	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Dissolved Chromium (Cr)	0.0006	mg/L	Sous-traitance	
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Copper (Cu)	0.0005	mg/L	Sous-traitance	
Cyanates (CNO)	0.01	mg CNO/L	Sous-traitance	
Cyanide W.A.D.	0.001	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO ₃ /L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes
Dissolved Iron (Fe)	0.01	mg/L	Sous-traitance	
Fluoride (F)	0.01	mg/L	Sous-traitance	Yes
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Manganese (Mn)	0.0005	mg/L	Sous-traitance	
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Dissolved Mercury (Hg)	0.00001	mg/L	Sous-traitance	
Dissolved Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	
Ammonia NH ₃ (non-ionized)	0.01	mg N/L	Sous-traitance	-
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Nickel (Ni)	0.0005	mg/L	Sous-traitance	
Nitrate (NO ₃)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO ₂)	0.01	mg N/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Dissolved Lead (Pb)	0.0003	mg/L	Sous-traitance	
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Selenium IV	0.001	mg/L	Sous-traitance	
Selenium VI	0.001	mg/L	Sous-traitance	

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Detection limit

Lab number: V-66448

Sample name: ST-21 North

Sampling date: August 07, 2017

Sampling location: Tailing pond north cell

Sampling hour: 08:30

Parameter	Value	Unit	Method	Accreditation
Dissolved Selenium (Se)	0.001	mg/L	Sous-traitance	
Dissolved Solids	1	mg/L	M-TIT-1.0	
Sulfate (SO4)	0.6	mg SO4/L	Sous-traitance	Yes
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Dissolved thallium (Tl)	0.0008	mg/L	Sous-traitance	
Thiocyanate (SCN)	0.05	mg SCN/L	Sous-traitance	Yes
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes
Dissolved Zinc	0.001	mg/L	Sous-traitance	
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Quality control Report

Lab number: V-66448

Sample name: ST-21 North

Sampling date: August 07, 2017

Sampling location: Tailing pond north cell

Sampling hour: 08:30

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 153 Accuracy 94.5% Limit 123 - 167
Dissolved Aluminium (Al) mg/L	Blank <0.006 Standard name DMR-0219-2017-Eu Result 7.43 Accuracy 81.5% Limit 5.02 - 7.52
Dissolved Silver (Ag) mg/L	Blank <0.0001 Standard name DMR-0343-2017-Ag Result 0.6750 Accuracy 84.2% Limit 0.642 - 0.962
Dissolved Arsenic (As) mg/L	Blank <0.0005 Standard name DMR-0219-2017-Eu Result 0.3065 Accuracy 92.1% Limit 0.199 - 0.369
Ammonia nitrogen (NH ₃ -NH ₄) m	Blank <0.01 Standard name DMR-0343-2017-NH ₃ -NH ₄ Result 2.16 Accuracy 98.6% Limit 1.81 - 2.45
Dissolved Barium (Ba) mg/L	Blank <0.0005 Standard name DMR-0219-2017-Eu Result 2.459 Accuracy 98.8% Limit 1.94 - 2.92
Dissolved Cadmium (Cd) mg/L	Blank <0.00002 Standard name DMR-0219-2017-Eu Result 0.96543 Accuracy 92.8% Limit 0.721 - 1.081
Chloride mg/L	Blank <0.5 Standard name DMR-0343-2017-Cl Result 106 Accuracy 98.1% Limit 95 - 121
Dissolved Chromium (Cr) mg/L	Blank <0.0006

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Quality control Report

Lab number: V-66448

Sample name: ST-21 North

Sampling date: August 07, 2017

Sampling location: Tailing pond north cell

Sampling hour: 08:30

Parameter	
	Standard name DMR-0219-2017-Eu
	Result 4.830
	Accuracy 80.7%
	Limit 3.24 - 4.86
Dissolved Copper (Cu) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.351
	Accuracy 94.5%
	Limit 1.02 - 1.54
Cyanates (CNO) mg CNO/L	Blank <0.01
	Standard name Controle Maison CNO 250 ppm
	Result 237
	Accuracy 94.8%
	Limit 175 - 325
Cyanide W.A.D. mg/L	Blank <0.001
	Standard name DMR-0343-CN
	Result 0.912
	Accuracy 96.7%
	Limit 0.751 - 1.015
Total Cyanide (CNT) mg/L	Blank <0.001
	Standard name DMR-0343-CN
	Result 1.27
	Accuracy 92.4%
	Limit 1.003 - 1.357
Dissolved Iron (Fe) mg/L	Blank <0.01
	Standard name DMR-0219-2017-Eu
	Result 13.7
	Accuracy 79.8%
	Limit 9.1 - 13.7
Fluoride (F) mg/L	Blank <0.02
	Standard name DMR-0343-2017-F
	Result 2.22
	Accuracy 96.5%
	Limit 2.1 - 2.5
Total Suspended Solids mg/L	Blank <1
	Standard name STD-MES 25mg/L
	Result 24
	Accuracy 96%
	Limit 19 - 31
Dissolved Manganese (Mn) mg/L	Blank <0.0005

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

This report shall not be reproduced except in full without the written authority of the laboratory.



Quality control Report

Lab number: V-66448

Sample name: ST-21 North

Sampling date: August 07, 2017

Sampling location: Tailing pond north cell

Sampling hour: 08:30

Parameter	
	Standard name DMR-0219-2017-Eu
	Result 4.630
	Accuracy 81.3%
	Limit 3.12 - 4.68
Mercury (Hg) mg/L	Blank <0.00001
Molybdenum (Mo) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 0.6644
	Accuracy 93.8%
	Limit 0.566 - 0.850
Dissolved Molybdenum (Mo) mg/	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 0.6620
	Accuracy 93.5%
	Limit 0.566 - 0.850
Ammonia NH3 (non-ionized) mg	Blank <0.01
Dissolved Nickel (Ni) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.143
	Accuracy 99.7%
	Limit 0.91 - 1.37
Nitrate (NO3) mg N/L	Blank <0.01
	Sample duplicate 1.16-1.16
Nitrite (NO2) mg N/L	Blank <0.01
	Standard name DMR-0343-2017-NO2
	Result 2.79
	Accuracy 97%
	Limit 2.30 - 3.12
	Sample duplicate 0.14-0.14
Dissolved Lead (Pb) mg/L	Blank <0.0003
	Standard name DMR-0219-2017-Eu
	Result 0.8226
	Accuracy 91.1%
	Limit 0.722 - 1.084
Dissolved Selenium (Se) mg/L	Blank <0.001
	Standard name DMR-0219-2017-Eu
	Result 1.45
	Accuracy 92.6%
	Limit 1.08 - 1.62
Sulfate (SO4) mg SO4/L	Blank <0.6

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Quality control Report

Lab number: V-66448

Sample name: ST-21 North

Sampling date: August 07, 2017

Sampling location: Tailing pond north cell

Sampling hour: 08:30

Parameter

Standard name DMR-0417-2017-SO4

Result 123

Accuracy 100%

Limit 114 - 132

Thallium (Tl) mg/L

Blank <0.0008

Standard name TI-S140909023-1000ppm

Result 996

Accuracy 99.6%

Limit 800 - 1200

Dissolved thallium (Tl) mg/L

Blank <0.0008

Standard name TI-S140909023-1000ppm

Result 1143

Accuracy 85.7%

Limit 800 - 1200

Thiocyanate (SCN) mg SCN/L

Blank <0.05

Standard name STD SCN 568ppm

Result 620

Accuracy 90.8%

Limit 398 - 738

Dissolved Zinc mg/L

Blank <0.001

Standard name DMR-0219-2017-Eu

Result 4.75

Accuracy 95.8%

Limit 3.65 - 5.47

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Additional information

Lab number: V-66448

Sample name: ST-21 North

Sampling location: Tailing pond north cell

Sampling date: August 07, 2017

Sampling hour: 08:30

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-NH3-2.0	MA.300-N 2.0
M-CL-2.0	MA.300-Ions 1.3
M-CI-1.0	MA.300-Anions 1.0
M-CN-1.0	MA.300-CN 1.2
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-SULF-2.0	MA.300-Ions 1.3

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-66852

Sampling location: ST-25

Sampling date: August 16, 2017

Sample name: ST-25

Sampling hour: 09:00

Sampled by: M Theriault

Date received: August 17, 2017

Matrix: Water

Drinking water distribution:

Reported on: September 11, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
This report shall not be reproduced except in full without the written authority of the laboratory.



Analytical Report

Lab number: V-66852

Sample name: ST-25

Sampling location: ST-25

Sampling date: August 16, 2017

Sampling hour: 09:00

Parameter	Result	Method name	Analysis date
Alkalinity	58 mg CaCO ₃ /L	M-TIT-1.0	August 17, 2017
Aluminium (Al)	0.083 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Arsenic (As)	0.0149 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	1.77 mg N/L	Sous-traitance\Multilab Direct	August 24, 2017
Barium (Ba)	0.0251 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Chloride	10.6 mg/L	Sous-traitance\Multilab Direct	August 21, 2017
Chrome (Cr)	0.0036 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Copper (Cu)	0.0029 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Total Cyanide (CNT)	0.004 mg/L	Sous-traitance\Multilab Direct	August 22, 2017
Hardness	129 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	August 25, 2017
Iron (Fe)	0.07 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Fluoride (F)	0.11 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Total Suspended Solids	1 mg/L	M-SOLI-1.0	August 18, 2017
Manganese (Mn)	0.0558 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	August 22, 2017
Molybdenum (Mo)	0.0211 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Ammonia NH ₃ (non-ionized)	0.03 mg N/L	Sous-traitance\Multilab Direct	August 24, 2017
Nickel (Ni)	0.0036 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Nitrate (NO ₃)	5.68 mg N/L	Sous-traitance\Multilab Direct	August 18, 2017
Nitrite (NO ₂)	0.08 mg N/L	Sous-traitance\Multilab Direct	August 18, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Selenium (Se)	0.002 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Solids	215 mg/L	M-TIT-1.0	August 17, 2017
Sulfate (SO ₄)	206 mg SO ₄ /L	Sous-traitance\Multilab Direct	July 04, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Zinc (Zn)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 25, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Detection limit

Lab number: V-66852

Sample name: ST-25

Sampling location: ST-25

Sampling date: August 16, 2017

Sampling hour: 09:00

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO ₃ /L	M-TIT-1.0	
Aluminium (Al)	0.006	mg/L	Sous-traitance	
Silver (Ag)	0.0001	mg/L	Sous-traitance	Yes
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Ammonia nitrogen (NH ₃ -NH ₄)	0.01	mg N/L	Sous-traitance	Yes
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Chloride	0.5	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO ₃ /L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes
Fluoride (F)	0.02	mg/L	Sous-traitance	Yes
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Ammonia NH ₃ (non-ionized)	0.01	mg N/L	Sous-traitance	-
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Nitrate (NO ₃)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO ₂)	0.01	mg N/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Dissolved Solids	1	mg/L	M-TIT-1.0	
Sulfate (SO ₄)	0.6	mg SO ₄ /L	Sous-traitance	Yes
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Quality control Report

Lab number: V-66852

Sample name: ST-25

Sampling location: ST-25

Sampling date: August 16, 2017

Sampling hour: 09:00

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 156 Accuracy 92.4% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006 Standard name C00-046-705_X_1000 Result 1.01 Accuracy 99% Limit 0.800 - 1.200
Silver (Ag) mg/L	Blank <0.0001 Standard name DMR-0343-2017-Ag Result 0.6730 Accuracy 83.9% Limit 0.642 - 0.962
Arsenic (As) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1002 Accuracy 99.8% Limit 0.0700 - 0.1300
Ammonia nitrogen (NH ₃ -NH ₄) m	Blank <0.01 Standard name DMR-0417-2017-NH ₃ -NH ₄ Result 2.26 Accuracy 93.9% Limit 1.81 - 2.45
Barium (Ba) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0932 Accuracy 93.2% Limit 0.0800 - 0.1200
Cadmium (Cd) mg/L	Blank <0.00002 Standard name C00-046-705_X_1000 Result 0.09652 Accuracy 96.5% Limit 0.0800 - 0.1200
Chloride mg/L	Blank <0.5 Standard name DMR-0417-2017-Cl Result 108 Accuracy 100% Limit 95 - 121
Chrome (Cr) mg/L	Blank <0.0006

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Quality control Report

Lab number: V-66852

Sample name: ST-25

Sampling location: ST-25

Sampling date: August 16, 2017

Sampling hour: 09:00

Parameter	
	Standard name C00-046-705_X_1000
	Result 0.1062
	Accuracy 93.8%
	Limit 0.0800 - 0.1200
Copper (Cu) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1086
	Accuracy 91.4%
	Limit 0.0800 - 0.1200
Total Cyanide (CNt) mg/L	Blank <0.001
	Standard name DMR-0343-CN
	Result 1.17
	Accuracy 99.2%
	Limit 1.003 - 1.357
Iron (Fe) mg/L	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.14
	Accuracy 86%
	Limit 0.800 - 1.200
Fluoride (F) mg/L	Blank <0.02
	Standard name DMR-0417-2017-F
	Result 2.38
	Accuracy 96.5%
	Limit 2.13 - 2.47
Total Suspended Solids mg/L	Blank <1
	Standard name STD-MES 25mg/L
	Result 28
	Accuracy 88%
	Limit 19 - 31
Manganese (Mn) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1047
	Accuracy 95.3%
	Limit 0.0800 - 0.1200
Mercury (Hg) mg/L	Blank <0.00001
Molybdenum (Mo) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0962
	Accuracy 96.2%
	Limit 0.0800 - 0.1200

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Quality control Report

Lab number: V-66852

Sample name: ST-25

Sampling location: ST-25

Sampling date: August 16, 2017

Sampling hour: 09:00

Parameter	
Ammonia NH3 (non-ionized) mg	Blank <0.01
Nickel (Ni) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1091
	Accuracy 90.9%
	Limit 0.0800 - 0.1200
Nitrate (NO3) mg N/L	Blank <0.01
Nitrite (NO2) mg N/L	Blank <0.01
	Standard name DMR-0417-2017-NO2
	Result 2.60
	Accuracy 95.9%
	Limit 2.30 - 3.12
Lead (Pb) mg/L	Blank <0.0003
	Standard name C00-046-705_X_1000
	Result 0.0966
	Accuracy 96.6%
	Limit 0.0800 - 0.1200
Selenium (Se) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.094
	Accuracy 94%
	Limit 0.0800 - 0.1200
Sulfate (SO4) mg SO4/L	Blank <0.6
	Standard name DMR-0417-2017-SO4
	Result 117
	Accuracy 95.1%
	Limit 114 - 132
Thallium (Tl) mg/L	Blank <0.0008
Zinc (Zn) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.103
	Accuracy 97%
	Limit 0.0800 - 0.1200

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Additional information

Lab number: V-66852
Sample name: ST-25
Sampling location: ST-25

Sampling date: August 16, 2017
Sampling hour: 09:00

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-NH3-2.0	MA.300-N 2.0
M-CL-2.0	MA.300-Ions 1.3
M-CN-1.0	MA.300-CN 1.2
M-CI-1.0	MA.300-Anions 1.0
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-SULF-2.0	MA.300-Ions 1.3

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-66853

Sampling location: Vault pit

Sampling date: August 16, 2017

Sample name: ST-23

Sampling hour: 08:00

Sampled by: M Theriault

Date received: August 17, 2017

Matrix: Waste Water

Drinking water distribution:

Reported on: September 11, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Lab number: V-66853

Sample name: ST-23

Sampling location: Vault pit

Sampling date: August 16, 2017

Sampling hour: 08:00

Parameter	Result	Method name	Analysis date
Alkalinity	114 mg CaCO ₃ /L	M-TIT-1.0	August 17, 2017
Aluminium (Al)	0.160 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Aluminium (Al)	0.015 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Antimony (Sb)	0.0074 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Antimony (Sb)	0.0072 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Arsenic (As)	0.0116 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	3.64 mg N/L	Sous-traitance\Multilab Direct	August 24, 2017
Kjeldahl nitrogen	3.74 mg N/L	Sous-traitance\Multilab Direct	September 06, 2017
Barium (Ba)	0.0346 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Barium (Ba)	0.0291 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
bicarbonate (HCO ₃)	114 mg CaCO ₃ /L	M-TIT-1.0	August 17, 2017
Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Boron (B)	0.02 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Calcium (Ca)	81.0 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Carbonate (CO ₃)	<2 mg CaCO ₃ /L	M-TIT-1.0	August 17, 2017
Dissolved Organic Carbon (D.O.C.)	7.6 mg/L	M-COT-1.0	August 17, 2017
Total Organic Carbon (T.O.C.)	8.3 mg/L	M-COT-1.0	August 17, 2017
Chloride	24.5 mg/L	Sous-traitance\Multilab Direct	August 21, 2017
Chrome (Cr)	0.0031 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Chromium (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Copper (Cu)	0.0017 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Copper (Cu)	0.0019 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Total Cyanide (CNT)	0.067 mg/L	Sous-traitance\Multilab Direct	August 22, 2017
Hardness	298 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	August 25, 2017
Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
dissolved Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Iron (Fe)	0.26 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Iron (Fe)	0.26 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Iron (Fe)	<0.01 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Fluoride (F)	0.16 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Dissolved Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Total Suspended Solids	8 mg/L	M-SOLI-1.0	August 18, 2017
Magnesium (Mg)	23.4 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Manganese (Mn)	0.2239 mg/L	Sous-traitance\Multilab Direct	August 25, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

This report shall not be reproduced except in full without the written authority of the laboratory.



Analytical Report

Lab number: V-66853

Sample name: ST-23

Sampling location: Vault pit

Sampling date: August 16, 2017

Sampling hour: 08:00

Parameter	Result	Method name	Analysis date
Dissolved Manganese (Mn)	0.2105 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	August 22, 2017
Dissolved Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	August 22, 2017
Molybdenum (Mo)	0.0504 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Molybdenum (Mo)	0.0477 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Ammonia NH3 (non-ionized)	0.11 mg N/L	Sous-traitance\Multilab Direct	August 24, 2017
Nickel (Ni)	0.0079 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Nickel (Ni)	0.0079 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Nitrate (NO3)	8.86 mg N/L	Sous-traitance\Multilab Direct	August 18, 2017
Nitrite (NO2)	0.23 mg N/L	Sous-traitance\Multilab Direct	August 18, 2017
Ortho-Phosphate (O-PO4)	0.01 mg P/L	Sous-traitance\Multilab Direct	August 18, 2017
Total Phosphorus (P)	0.02 mg P/L	Sous-traitance\Multilab Direct	August 25, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Lead (Pb)	0.0021 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Potassium (K)	9.65 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Selenium (Se)	0.002 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Selenium (Se)	0.002 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Silica (Si)	6.11 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Sodium (Na)	13.6 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Solids	453 mg/L	M-TIT-1.0	August 17, 2017
Strontium (Sr)	0.646 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
dissolved Strontium (Sr)	0.708 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Sulfate (SO4)	60.5 mg SO4/L	Sous-traitance\Multilab Direct	July 04, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Dissolved thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Titanium (Ti)	0.08 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved titanium (Ti)	0.08 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Uranium (U)	0.016 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Uranium (U)	0.017 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Vanadium (V)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Vanadium	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Zinc (Zn)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Zinc	<0.001 mg/L	Sous-traitance\Multilab Direct	August 25, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

This report shall not be reproduced except in full without the written authority of the laboratory.



Detection limit

Lab number: V-66853

Sample name: ST-23

Sampling location: Vault pit

Sampling date: August 16, 2017

Sampling hour: 08:00

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO ₃ /L	M-TIT-1.0	
Aluminium (Al)	0.006	mg/L	Sous-traitance	
Dissolved Aluminium (Al)	0.006	mg/L	Sous-traitance	
Antimony (Sb)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Antimony (Sb)	0.0001	mg/L	Sous-traitance	
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Arsenic (As)	0.0005	mg/L	Sous-traitance	
Ammonia nitrogen (NH ₃ -NH ₄)	0.01	mg N/L	Sous-traitance	Yes
Kjeldahl nitrogen	0.05	mg N/L	Sous-traitance	Yes
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Barium (Ba)	0.0005	mg/L	Sous-traitance	
Beryllium (Be)	0.0005	mg/L	Sous-traitance	
Dissolved Beryllium (Be)	0.0005	mg/L	Sous-traitance	
bicarbonate (HCO ₃)	2	mg CaCO ₃ /L	M-TIT-1.0	
Boron (B)	0.01	mg/L	Sous-traitance	Yes
Dissolved Boron (B)	0.01	mg/L	Sous-traitance	
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Dissolved Cadmium (Cd)	0.00002	mg/L	Sous-traitance	
Calcium (Ca)	0.03	mg/L	Sous-traitance	Yes
Carbonate (CO ₃)	2	mg CaCO ₃ /L	M-TIT-1.0	
Dissolved Organic Carbon (D.O.C.)	0.2	mg/L	M-COT-1.0	--
Total Organic Carbon (T.O.C.)	0.2	mg/L	M-COT-1.0	Yes
Chloride	0.5	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Dissolved Chromium (Cr)	0.0006	mg/L	Sous-traitance	
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Copper (Cu)	0.0005	mg/L	Sous-traitance	
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO ₃ /L	Sous-traitance	
Tin (Sn)	0.001	mg/L	Sous-traitance	Yes
dissolved Tin (Sn)	0.001	mg/L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes
Dissolved Iron (Fe)	0.01	mg/L	Sous-traitance	
Fluoride (F)	0.02	mg/L	Sous-traitance	Yes
Lithium (Li)	0.005	mg/L	Sous-traitance	
Dissolved Lithium (Li)	0.005	mg/L	Sous-traitance	
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Magnesium (Mg)	0.02	mg/L	Sous-traitance	Yes
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes

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Detection limit

Lab number: V-66853

Sample name: ST-23

Sampling date: August 16, 2017

Sampling location: Vault pit

Sampling hour: 08:00

Parameter	Value	Unit	Method	Accreditation
Dissolved Manganese (Mn)	0.0005	mg/L	Sous-traitance	
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Dissolved Mercury (Hg)	0.00001	mg/L	Sous-traitance	
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	
Ammonia NH3 (non-ionized)	0.01	mg N/L	Sous-traitance	-
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Nickel (Ni)	0.0005	mg/L	Sous-traitance	
Nitrate (NO3)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO2)	0.01	mg N/L	Sous-traitance	Yes
Ortho-Phosphate (O-PO4)	0.01	mg P/L	Sous-traitance	Yes
Total Phosphorus (P)	0.01	mg P/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Dissolved Lead (Pb)	0.0003	mg/L	Sous-traitance	
Potassium (K)	0.05	mg/L	Sous-traitance	
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Dissolved Selenium (Se)	0.001	mg/L	Sous-traitance	
Silica (Si)	0.01	mg/L	Sous-traitance	
Sodium (Na)	0.05	mg/L	Sous-traitance	Yes
Dissolved Solids	1	mg/L	M-TIT-1.0	
Strontium (Sr)	0.005	mg/L	Sous-traitance	
dissolved Strontium (Sr)	0.005	mg/L	Sous-traitance	
Sulfate (SO4)	0.6	mg SO4/L	Sous-traitance	Yes
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Dissolved thallium (Tl)	0.0008	mg/L	Sous-traitance	
Titanium (Ti)	0.01	mg/L	Sous-traitance	
Dissolved titanium (Ti)	0.01	mg/L	Sous-traitance	
Uranium (U)	0.001	mg/L	Sous-traitance	
Dissolved Uranium (U)	0.001	mg/L	Sous-traitance	
Vanadium (V)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Vanadium	0.0005	mg/L	Sous-traitance	
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes
Dissolved Zinc	0.001	mg/L	Sous-traitance	

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Quality control Report

Lab number: V-66853

Sample name: ST-23

Sampling location: Vault pit

Sampling date: August 16, 2017

Sampling hour: 08:00

Parameter	
Alkalinity mg CaCO3/L	Standard name STD alcalinité Result 156 Accuracy 92.4% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006
	Standard name C00-046-705_X_1000 Result 1.01 Accuracy 99% Limit 0.800 - 1.200
Dissolved Aluminium (Al) mg/L	Blank <0.006
	Standard name DMR-0219-2017-Eu Result 6.41 Accuracy 97.8% Limit 5.02 - 7.52
Antimony (Sb) mg/L	Blank <0.0001
	Standard name C00-046-705_X_1000 Result 0.0108 Accuracy 92% Limit 0.0080 - 0.0120
Dissolved Antimony (Sb) mg/L	Blank <0.0001
	Standard name DMR-0219-2017-Eu Result 0.1888 Accuracy 85% Limit 0.178 - 0.266
Arsenic (As) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000 Result 0.1002 Accuracy 99.8% Limit 0.0700 - 0.1300
Dissolved Arsenic (As) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu Result 0.2534 Accuracy 89.2% Limit 0.199 - 0.369
Ammonia nitrogen (NH3-NH4) m	Blank <0.01
	Standard name DMR-0417-2017-NH3-NH4 Result 2.26 Accuracy 93.9% Limit 1.81 - 2.45
Kjeldahl nitrogen mg N/L	Blank 0.20

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Quality control Report

Lab number: V-66853

Sample name: ST-23

Sampling location: Vault pit

Sampling date: August 16, 2017

Sampling hour: 08:00

Parameter	
	Standard name DMR-0417-2017-NTK
	Result 5.68
	Accuracy 99.8%
	Limit 4.82 - 6.52
Barium (Ba) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0932
	Accuracy 93.2%
	Limit 0.0800 - 0.1200
Dissolved Barium (Ba) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 2.456
	Accuracy 98.9%
	Limit 1.94 - 2.92
Beryllium (Be) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1105
	Accuracy 89.5%
	Limit 0.0800 - 0.1200
Dissolved Beryllium (Be) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.732
	Accuracy 98.1%
	Limit 1.36 - 2.04
Boron (B) mg/L	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.07
	Accuracy 93%
	Limit 0.800 - 1.200
Dissolved Boron (B) mg/L	Blank <0.01
	Standard name DMR-0219-2017-Eu
	Result 3.18
	Accuracy 89.6%
	Limit 2.30 - 3.46
Cadmium (Cd) mg/L	Blank <0.00002
	Standard name C00-046-705_X_1000
	Result 0.09652
	Accuracy 96.5%
	Limit 0.0800 - 0.1200
Dissolved Cadmium (Cd) mg/L	Blank <0.00002

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Quality control Report

Lab number: V-66853

Sample name: ST-23

Sampling location: Vault pit

Sampling date: August 16, 2017

Sampling hour: 08:00

Parameter	
	Standard name DMR-0219-2017-Eu
	Result 0.95994
	Accuracy 93.5%
	Limit 0.721 - 1.081
Calcium (Ca) mg/L	Blank <0.03
	Standard name C00-046-705_X_1000
	Result 1.02
	Accuracy 98%
	Limit 0.800 - 1.200
Dissolved Organic Carbon (D.O.C.) mg/L	Blank 0.2
	Standard name COD 10mg/L
	Result 11
	Accuracy 90%
	Limit 8 - 12
Total Organic Carbon (T.O.C.) mg/L	Blank 0.2
	Standard name COT 10mg/L
	Result 11
	Accuracy 90%
	Limit 8 - 12
Chloride mg/L	Blank <0.5
	Standard name DMR-0417-2017-CI
	Result 108
	Accuracy 100%
	Limit 95 - 121
Chrome (Cr) mg/L	Blank <0.0006
	Standard name C00-046-705_X_1000
	Result 0.1062
	Accuracy 93.8%
	Limit 0.0800 - 0.1200
Dissolved Chromium (Cr) mg/L	Blank <0.0006
	Standard name DMR-0219-2017-Eu
	Result 4.085
	Accuracy 99.1%
	Limit 3.24 - 4.86
Copper (Cu) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1086
	Accuracy 91.4%
	Limit 0.0800 - 0.1200
Dissolved Copper (Cu) mg/L	Blank <0.0005

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Quality control Report

Lab number: V-66853

Sample name: ST-23

Sampling location: Vault pit

Sampling date: August 16, 2017

Sampling hour: 08:00

Parameter	
	Standard name DMR-0219-2017-Eu
	Result 1.371
	Accuracy 92.9%
	Limit 1.02 - 1.54
Total Cyanide (CNT) mg/L	Blank <0.001
	Standard name DMR-0343-CN
	Result 1.17
	Accuracy 99.2%
	Limit 1.003 - 1.357
Tin (Sn) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.093
	Accuracy 93%
	Limit 0.0800 - 0.1200
dissolved Tin (Sn) mg/L	Blank <0.001
	Standard name DMR-0310-2016-Sn
	Result 9.13
	Accuracy 99.3%
	Limit 6.35 - 11.79
Iron (Fe) mg/L	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.14
	Accuracy 86%
	Limit 0.800 - 1.200
Dissolved Iron (Fe) mg/L	Blank <0.01
	Standard name DMR-0219-2017-Eu
	Result 13.4
	Accuracy 82.5%
	Limit 9.1 - 13.7
Fluoride (F) mg/L	Blank <0.02
	Standard name DMR-0417-2017-F
	Result 2.38
	Accuracy 96.5%
	Limit 2.13 - 2.47
Lithium (Li) mg/L	Blank <0.005
Dissolved Lithium (Li) mg/L	Blank <0.005
	Standard name DMR-0219-2017-Eu
	Result 0.892
	Accuracy 94.6%
	Limit 0.677 - 1.015

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Quality control Report

Lab number: V-66853

Sample name: ST-23

Sampling location: Vault pit

Sampling date: August 16, 2017

Sampling hour: 08:00

Parameter	
Total Suspended Solids mg/L	Blank <1 Standard name STD-MES 25mg/L Result 28 Accuracy 88% Limit 19 - 31
Magnesium (Mg) mg/L	Blank <0.02 Standard name C00-046-705_X_1000 Result 1.08 Accuracy 92% Limit 0.800 - 1.200
Manganese (Mn) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1047 Accuracy 95.3% Limit 0.0800 - 0.1200
Dissolved Manganese (Mn) mg/L	Blank <0.0005 Standard name DMR-0219-2017-Eu Result 4.081 Accuracy 95.4% Limit 3.12 - 4.68
Mercury (Hg) mg/L	Blank <0.00001
Dissolved Mercury (Hg) mg/L	Blank <0.00001
Molybdenum (Mo) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0962 Accuracy 96.2% Limit 0.0800 - 0.1200
Dissolved Molybdenum (Mo) mg/L	Blank <0.0005 Standard name DMR-0219-2017-Eu Result 0.6629 Accuracy 93.6% Limit 0.566 - 0.850
Ammonia NH3 (non-ionized) mg	Blank <0.01
Nickel (Ni) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1091 Accuracy 90.9% Limit 0.0800 - 0.1200
Dissolved Nickel (Ni) mg/L	Blank <0.0005 Standard name DMR-0219-2017-Eu

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Quality control Report

Lab number: V-66853

Sample name: ST-23

Sampling location: Vault pit

Sampling date: August 16, 2017

Sampling hour: 08:00

Parameter	
	Result 1.179
	Accuracy 96.6%
	Limit 0.91 - 1.37
Nitrate (NO3) mg N/L	Blank <0.01
Nitrite (NO2) mg N/L	Blank <0.01
	Standard name DMR-0417-2017-NO2
	Result 2.60
	Accuracy 95.9%
	Limit 2.30 - 3.12
Ortho-Phosphate (O-PO4) mg P/l	Blank <0.01
	Standard name DMR-0417-2017-OPO4
	Result 3.06
	Accuracy 95.9%
	Limit 2.81 - 3.57
Total Phosphorus (P) mg P/L	Blank <0.01
	Standard name DMR-0417-2017-Ptotal
	Result 1.13
	Accuracy 99.1%
	Limit 1.00 - 1.28
	Sample duplicate 0.02-0.02
Lead (Pb) mg/L	Blank <0.0003
	Standard name C00-046-705_X_1000
	Result 0.0966
	Accuracy 96.6%
	Limit 0.0800 - 0.1200
Dissolved Lead (Pb) mg/L	Blank <0.0003
	Standard name DMR-0219-2017-Eu
	Result 0.8391
	Accuracy 92.9%
	Limit 0.722 - 1.084
Potassium (K) mg/L	Blank <0.05
	Standard name C00-046-705_X_1000
	Result 1.04
	Accuracy 96%
	Limit 0.800 - 1.200
Selenium (Se) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.094
	Accuracy 94%
	Limit 0.0800 - 0.1200

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Quality control Report

Lab number: V-66853

Sample name: ST-23

Sampling location: Vault pit

Sampling date: August 16, 2017

Sampling hour: 08:00

Parameter	
Dissolved Selenium (Se) mg/L	Blank <0.001 Standard name DMR-0219-2017-Eu Result 1.52 Accuracy 87.4% Limit 1.08 - 1.62
Silica (Si) mg/L	Blank <0.01
Sodium (Na) mg/L	Blank <0.05 Standard name C00-046-705_X_1000 Result 1.09 Accuracy 91% Limit 0.800 - 1.200
Strontium (Sr) mg/L	Blank <0.005
dissolved Strontium (Sr) mg/L	Blank <0.005 Standard name DMR-0219-2017-Eu Result 1.42 Accuracy 84.6% Limit 0.98 - 1.48
Sulfate (SO4) mg SO4/L	Blank <0.6 Standard name DMR-0417-2017-SO4 Result 117 Accuracy 95.1% Limit 114 - 132
Thallium (Tl) mg/L	Blank <0.0008
Dissolved thallium (Tl) mg/L	Blank <0.0008 Standard name TI-S140909023-1000ppm Result 1070 Accuracy 93% Limit 800 - 1200
Titanium (Ti) mg/L	Blank <0.01
Dissolved titanium (Ti) mg/L	Blank <0.01
Uranium (U) mg/L	Blank <0.001 Standard name C00-046-705_X_1000 Result 0.099 Accuracy 99% Limit 0.0800 - 0.1200
Dissolved Uranium (U) mg/L	Blank <0.001 Standard name DMR-0219-2017-Eu Result 1.71 Accuracy 97.2% Limit 1.41 - 2.11

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Quality control Report

Lab number: V-66853

Sample name: ST-23

Sampling location: Vault pit

Sampling date: August 16, 2017

Sampling hour: 08:00

Parameter

Vanadium (V) mg/L Blank <0.0005
 Standard name C00-046-705_X_1000
 Result 0.1057
 Accuracy 94.3%
 Limit 0.0800 - 0.1200

Dissolved Vanadium mg/L Blank <0.0005
 Standard name DMR-0219-2017-Eu
 Result 2.051
 Accuracy 96.9%
 Limit 1.59 - 2.39

Zinc (Zn) mg/L Blank <0.001
 Standard name C00-046-705_X_1000
 Result 0.103
 Accuracy 97%
 Limit 0.0800 - 0.1200

Dissolved Zinc mg/L Blank <0.001
 Standard name DMR-0219-2017-Eu
 Result 4.94
 Accuracy 91.7%
 Limit 3.65 - 5.47

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Additional information

Lab number: V-66853
Sample name: ST-23
Sampling location: Vault pit

Sampling date: August 16, 2017
Sampling hour: 08:00

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-NH3-2.0	MA.300-N 2.0
M-CL-2.0	MA.300-Ions 1.3
M-CN-1.0	MA.300-CN 1.2
M-CI-1.0	MA.300-Anions 1.0
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-P-2.0	MA.303-P 1.1
M-P-3.0	MA. 315-P 2.0
M-SULF-2.0	MA.300-Ions 1.3

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-66855

Sampling location: Incinerator

Sampling date: August 16, 2017

Sample name: I-Ash

Sampling hour: 08:00

Sampled by: M Theriault

Date received: August 17, 2017

Matrix: Solid

Drinking water distribution:

Reported on: September 12, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Lab number: V-66855

Sample name: I-Ash

Sampling date: August 16, 2017

Sampling location: Incinerator

Sampling hour: 08:00

Parameter	Result	Method name	Analysis date
Silver (Ag)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Arsenic (As)	0.2105 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Barium (Ba)	0.0682 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Cadmium (Cd)	0.0186 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Chrome (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Leaching (TCLP)		Sous-traitance\Multilab Direct	
Lead (Pb)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Selenium (Se)	0.017 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Zinc (Zn)	4.77 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Mercury (Hg)	0.00041 µg/L	Sous-traitance\Multilab Direct	September 08, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Detection limit

Lab number: V-66855

Sample name: I-Ash

Sampling date: August 16, 2017

Sampling location: Incinerator

Sampling hour: 08:00

Parameter	Value	Unit	Method	Accreditation
Silver (Ag)	0.0002	mg/L	Sous-traitance	Yes
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Cadmium (Cd)	0.0001	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Lead (Pb)	0.0005	mg/L	Sous-traitance	Yes
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Quality control Report

Lab number: V-66855

Sample name: I-Ash

Sampling location: Incinerator

Sampling date: August 16, 2017

Sampling hour: 08:00

Parameter

Silver (Ag) mg/L	Blank <0.0005
Arsenic (As) mg/L	Blank <0.0005
Barium (Ba) mg/L	Blank <0.0005
Cadmium (Cd) mg/L	Blank <0.0001
Chrome (Cr) mg/L	Blank <0.0006
Mercury (Hg) µg/L	Blank <0.00002
Lead (Pb) mg/L	Blank <0.0005
Selenium (Se) mg/L	Blank <0.001
Zinc (Zn) mg/L	Blank <0.001

Standard name DMR-0479-2016-Lix

Result 255

Accuracy 86.7%

Limit 191 - 259

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

This report shall not be reproduced except in full without the written authority of the laboratory.



Additional information

Lab number: V-66855
Sample name: I-Ash
Sampling location: Incinerator

Sampling date: August 16, 2017
Sampling hour: 08:00

Lab method	Method reference
M-LIX-1.0	MA.100-Lix.com. 1.1

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-66856

Sampling location: filtering station

Sampling date: August 16, 2017

Sample name: Waste oil

Sampling hour: 08:00

Sampled by: M Theriault

Date received: August 17, 2017

Matrix: Oil

Drinking water distribution:

Reported on: August 25, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Lab number: V-66856

Sample name: Waste oil

Sampling date: August 16, 2017

Sampling location: filtering station

Sampling hour: 08:00

Parameter	Result	Method name	Analysis date
Burning parameters		Sous-traitance\Exova	
Quantity PCB	<1 ppm	Sous-traitance\Exova	August 23, 2017
Sulfur	0.25 %	Sous-traitance\Exova	August 18, 2017
Heat capacity	44879 kJ/kg	Sous-traitance\Exova	August 18, 2017
Water content (Karl Fischer)	2.33 % v/v	Sous-traitance\Exova	August 21, 2017
Flash point	>80 Celsius	Sous-traitance\Exova	August 25, 2017
Total halogen	81.6 ppm	Sous-traitance\Exova	August 18, 2017
Lead (Pb)	<5 ppm	Sous-traitance\Exova	August 18, 2017
Chrome (Cr)	<1 ppm	Sous-traitance\Exova	August 18, 2017
Cadmium (Cd)	<1 ppm	Sous-traitance\Exova	August 18, 2017
Arsenic (As)	<2 ppm	Sous-traitance\Exova	August 18, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Additional information

Lab number: V-66856

Sample name: Waste oil

Sampling location: filtering station

Sampling date: August 16, 2017

Sampling hour: 08:00

CI

Lab method

Method reference

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-66921

Sampling location: Portage pit D

Sampling date: August 17, 2017

Sample name: ST-19

Sampling hour: 08:30

Sampled by: Martin Theriault

Date received: August 18, 2017

Matrix: Water

Drinking water distribution:

Reported on: September 11, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
This report shall not be reproduced except in full without the written authority of the laboratory.



Analytical Report

Lab number: V-66921

Sample name: ST-19

Sampling date: August 17, 2017

Sampling location: Portage pit D

Sampling hour: 08:30

Parameter	Result	Method name	Analysis date
Alkalinity	82 mg CaCO ₃ /L	M-TIT-1.0	August 18, 2017
Aluminium (Al)	0.016 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Aluminium (Al)	0.008 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	4.05 mg N/L	Sous-traitance\Multilab Direct	August 24, 2017
Barium (Ba)	0.0136 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Barium (Ba)	0.0093 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Chloride	28.0 mg/L	Sous-traitance\Multilab Direct	August 21, 2017
Chrome (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Chromium (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Copper (Cu)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Copper (Cu)	0.0006 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Cyanide W.A.D.	0.006 mg/L	Sous-traitance\Multilab Direct	August 23, 2017
Total Cyanide (CNT)	0.007 mg/L	Sous-traitance\Multilab Direct	August 23, 2017
Hardness	217 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	August 25, 2017
Iron (Fe)	<0.01 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Iron (Fe)	<0.01 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Fluoride (F)	0.38 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Total Suspended Solids	1 mg/L	M-SOLI-1.0	August 21, 2017
Manganese (Mn)	0.0852 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Manganese (Mn)	0.0639 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	August 22, 2017
Dissolved Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	August 22, 2017
Molybdenum (Mo)	0.0315 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Molybdenum (Mo)	0.0296 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Ammonia NH ₃ (non-ionized)	0.10 mg N/L	Sous-traitance\Multilab Direct	August 24, 2017
Nickel (Ni)	0.0199 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Nickel (Ni)	0.0166 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Nitrate (NO ₃)	10.3 mg N/L	Sous-traitance\Multilab Direct	August 23, 2017
Nitrite (NO ₂)	0.31 mg N/L	Sous-traitance\Multilab Direct	August 22, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Selenium (Se)	0.003 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Selenium (Se)	0.003 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Solids	388 mg/L	M-TIT-1.0	August 18, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Analytical Report

Lab number: V-66921

Sample name: ST-19

Sampling date: August 17, 2017

Sampling location: Portage pit D

Sampling hour: 08:30

Parameter	Result	Method name	Analysis date
Sulfate (SO4)	137 mg SO4/L	Sous-traitance\Multilab Direct	July 04, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Dissolved thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Zinc (Zn)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Zinc	<0.001 mg/L	Sous-traitance\Multilab Direct	August 25, 2017

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Detection limit

Lab number: V-66921

Sample name: ST-19

Sampling date: August 17, 2017

Sampling location: Portage pit D

Sampling hour: 08:30

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO ₃ /L	M-TIT-1.0	
Aluminium (Al)	0.006	mg/L	Sous-traitance	
Dissolved Aluminium (Al)	0.006	mg/L	Sous-traitance	
Silver (Ag)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Silver (Ag)	0.0001	mg/L	Sous-traitance	
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Arsenic (As)	0.0005	mg/L	Sous-traitance	
Ammonia nitrogen (NH ₃ -NH ₄)	0.01	mg N/L	Sous-traitance	Yes
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Barium (Ba)	0.0005	mg/L	Sous-traitance	
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Dissolved Cadmium (Cd)	0.00002	mg/L	Sous-traitance	
Chloride	0.5	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Dissolved Chromium (Cr)	0.0006	mg/L	Sous-traitance	
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Copper (Cu)	0.0005	mg/L	Sous-traitance	
Cyanide W.A.D.	0.001	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO ₃ /L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes
Dissolved Iron (Fe)	0.01	mg/L	Sous-traitance	
Fluoride (F)	0.02	mg/L	Sous-traitance	Yes
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Manganese (Mn)	0.0005	mg/L	Sous-traitance	
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Dissolved Mercury (Hg)	0.00001	mg/L	Sous-traitance	
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	
Ammonia NH ₃ (non-ionized)	0.01	mg N/L	Sous-traitance	-
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Nickel (Ni)	0.0005	mg/L	Sous-traitance	
Nitrate (NO ₃)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO ₂)	0.01	mg N/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Dissolved Lead (Pb)	0.0003	mg/L	Sous-traitance	
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Dissolved Selenium (Se)	0.001	mg/L	Sous-traitance	
Dissolved Solids	1	mg/L	M-TIT-1.0	

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Detection limit

Lab number: V-66921

Sample name: ST-19

Sampling date: August 17, 2017

Sampling location: Portage pit D

Sampling hour: 08:30

Parameter	Value	Unit	Method	Accreditation
Sulfate (SO4)	0.6	mg SO4/L	Sous-traitance	Yes
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Dissolved thallium (Tl)	0.0008	mg/L	Sous-traitance	
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes
Dissolved Zinc	0.001	mg/L	Sous-traitance	

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Quality control Report

Lab number: V-66921

Sample name: ST-19

Sampling location: Portage pit D

Sampling date: August 17, 2017

Sampling hour: 08:30

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 154 Accuracy 93.8% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006
	Standard name C00-046-705_X_1000 Result 1.06 Accuracy 94% Limit 0.800 - 1.200
Dissolved Aluminium (Al) mg/L	Blank <0.006
	Standard name DMR-0219-2017-Eu Result 6.41 Accuracy 97.8% Limit 5.02 - 7.52
Silver (Ag) mg/L	Blank <0.0001
	Standard name DMR-0343-2017-Ag Result 0.6730 Accuracy 83.9% Limit 0.642 - 0.962
Dissolved Silver (Ag) mg/L	Blank <0.0001
	Standard name DMR-0343-2017-Ag Result 0.6722 Accuracy 83.8% Limit 0.642 - 0.962
Arsenic (As) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000 Result 0.0954 Accuracy 95.4% Limit 0.0700 - 0.1300
Dissolved Arsenic (As) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu Result 0.2534 Accuracy 89.2% Limit 0.199 - 0.369
Ammonia nitrogen (NH ₃ -NH ₄) m	Blank <0.01
	Standard name DMR-0417-2017-NH ₃ -NH ₄ Result 2.26 Accuracy 93.9% Limit 1.81 - 2.45
	Sample duplicate 4.05-4.03

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Quality control Report

Lab number: V-66921

Sample name: ST-19

Sampling location: Portage pit D

Sampling date: August 17, 2017

Sampling hour: 08:30

Parameter	
Barium (Ba) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0840 Accuracy 84% Limit 0.0800 - 0.1200
Dissolved Barium (Ba) mg/L	Blank <0.0005 Standard name DMR-0219-2017-Eu Result 2.456 Accuracy 98.9% Limit 1.94 - 2.92
Cadmium (Cd) mg/L	Blank <0.00002 Standard name C00-046-705_X_1000 Result 0.08717 Accuracy 87.2% Limit 0.0800 - 0.1200
Dissolved Cadmium (Cd) mg/L	Blank <0.00002 Standard name DMR-0219-2017-Eu Result 0.95994 Accuracy 93.5% Limit 0.721 - 1.081
Chloride mg/L	Blank <0.5 Standard name DMR-0417-2017-Cl Result 109 Accuracy 99.1% Limit 95 - 121
Chrome (Cr) mg/L	Blank <0.0006 Standard name C00-046-705_X_1000 Result 0.1000 Accuracy 100% Limit 0.0800 - 0.1200
Dissolved Chromium (Cr) mg/L	Blank <0.0006 Standard name DMR-0219-2017-Eu Result 4.085 Accuracy 99.1% Limit 3.24 - 4.86
Copper (Cu) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1065 Accuracy 93.5% Limit 0.0800 - 0.1200

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Quality control Report

Lab number: V-66921

Sample name: ST-19

Sampling location: Portage pit D

Sampling date: August 17, 2017

Sampling hour: 08:30

Parameter

Dissolved Copper (Cu) mg/L	Blank <0.0005 Standard name DMR-0219-2017-Eu Result 1.371 Accuracy 92.9% Limit 1.02 - 1.54
Cyanide W.A.D. mg/L	Blank <0.001 Standard name DMR-0343-CN Result 0.896 Accuracy 98.5% Limit 0.751 - 1.015
Total Cyanide (CNT) mg/L	Blank <0.001 Standard name DMR-0343-CN Result 1.16 Accuracy 98.3% Limit 1.003 - 1.357
Iron (Fe) mg/L	Blank <0.01 Standard name C00-046-705_X_1000 Result 1.08 Accuracy 92% Limit 0.800 - 1.200
Dissolved Iron (Fe) mg/L	Blank <0.01 Standard name DMR-0219-2017-Eu Result 13.4 Accuracy 82.5% Limit 9.1 - 13.7
Fluoride (F) mg/L	Blank <0.02 Standard name DMR-0417-2017-F Result 2.38 Accuracy 96.5% Limit 2.13 - 2.47
Total Suspended Solids mg/L	Blank <1 Standard name STD-MES 250mg/L Result 218 Accuracy 87.2% Limit 194 - 306
Total Suspended Solids mg/L	Standard name STD-MES 25mg/L Result 20 Accuracy 80% Limit 19 - 31
Manganese (Mn) mg/L	Blank <0.0005

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Quality control Report

Lab number: V-66921

Sample name: ST-19

Sampling location: Portage pit D

Sampling date: August 17, 2017

Sampling hour: 08:30

Parameter	
	Standard name C00-046-705_X_1000
	Result 0.1017
	Accuracy 98.3%
	Limit 0.0800 - 0.1200
Dissolved Manganese (Mn) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 4.081
	Accuracy 95.4%
	Limit 3.12 - 4.68
Mercury (Hg) mg/L	Blank <0.00001
Dissolved Mercury (Hg) mg/L	Blank <0.00001
Molybdenum (Mo) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0892
	Accuracy 89.2%
	Limit 0.0800 - 0.1200
Dissolved Molybdenum (Mo) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 0.6629
	Accuracy 93.6%
	Limit 0.566 - 0.850
Ammonia NH3 (non-ionized) mg	Blank <0.01
	Sample duplicate 0.10-0.10
Nickel (Ni) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1032
	Accuracy 96.8%
	Limit 0.0800 - 0.1200
Dissolved Nickel (Ni) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.179
	Accuracy 96.6%
	Limit 0.91 - 1.37
Nitrate (NO3) mg N/L	Blank <0.01
	Sample duplicate 10.3-10.3
Nitrite (NO2) mg N/L	Blank <0.01
	Standard name DMR-0417-2017-NO2
	Result 2.40
	Accuracy 88.6%
	Limit 2.30 - 3.12

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Quality control Report

Lab number: V-66921

Sample name: ST-19

Sampling location: Portage pit D

Sampling date: August 17, 2017

Sampling hour: 08:30

Parameter		
Lead (Pb) mg/L	Sample duplicate 0.31-0.30	
	Blank <0.0003	
	Standard name C00-046-705_X_1000	
	Result 0.0808	
	Accuracy 80.8%	
Dissolved Lead (Pb) mg/L	Limit 0.0800 - 0.1200	
	Blank <0.0003	
	Standard name DMR-0219-2017-Eu	
	Result 0.8391	
	Accuracy 92.9%	
Selenium (Se) mg/L	Limit 0.722 - 1.084	
	Blank <0.001	
	Standard name C00-046-705_X_1000	
	Result 0.090	
	Accuracy 90%	
Dissolved Selenium (Se) mg/L	Limit 0.0800 - 0.1200	
	Blank <0.001	
	Standard name DMR-0219-2017-Eu	
	Result 1.52	
	Accuracy 87.4%	
Sulfate (SO4) mg SO4/L	Limit 1.08 - 1.62	
	Blank <0.6	
	Standard name DMR-0417-2017-SO4	
	Result 117	
	Accuracy 95.1%	
Thallium (Tl) mg/L	Limit 114 - 132	
	Blank <0.0008	
	Dissolved thallium (Tl) mg/L	Blank <0.0008
		Standard name TI-S140909023-1000ppm
		Result 1070
Accuracy 93%		
Zinc (Zn) mg/L	Limit 800 - 1200	
	Blank <0.001	
	Standard name C00-046-705_X_1000	
	Result 0.099	
	Accuracy 99%	
Dissolved Zinc mg/L	Limit 0.0800 - 0.1200	
	Blank <0.001	
	Standard name DMR-0219-2017-Eu	
	Result 4.94	

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Quality control Report

Lab number: V-66921

Sample name: ST-19

Sampling location: Portage pit D

Sampling date: August 17, 2017

Sampling hour: 08:30

Parameter

Accuracy 91.7%
Limit 3.65 - 5.47

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Additional information

Lab number: V-66921

Sample name: ST-19

Sampling location: Portage pit D

Sampling date: August 17, 2017

Sampling hour: 08:30

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-NH3-2.0	MA.300-N 2.0
M-CL-2.0	MA.300-Ions 1.3
M-CN-1.0	MA.300-CN 1.2
M-CI-1.0	MA.300-Anions 1.0
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-SULF-2.0	MA.300-Ions 1.3

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-67000

Sampling location: Goose Pit

Sampling date: August 20, 2017

Sample name: ST-20 Pit Lake DUP

Sampling hour: 15:00

Sampled by: Martin Theriault

Date received: August 22, 2017

Matrix: Water

Drinking water distribution:

Reported on: September 11, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Lab number: V-67000

Sample name: ST-20 Pit Lake DUP

Sampling location: Goose Pit

Sampling date: August 20, 2017

Sampling hour: 15:00

Parameter	Result	Method name	Analysis date
Alkalinity	92 mg CaCO ₃ /L	M-TIT-1.0	August 22, 2017
Aluminium (Al)	0.121 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Antimony (Sb)	0.0005 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Antimony (Sb)	0.0004 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Arsenic (As)	0.0038 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	0.71 mg N/L	Sous-traitance\Multilab Direct	August 24, 2017
Kjeldahl nitrogen	1.03 mg N/L	Sous-traitance\Multilab Direct	September 06, 2017
Barium (Ba)	0.0503 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Barium (Ba)	0.0439 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
bicarbonate (HCO ₃)	92 mg CaCO ₃ /L	M-TIT-1.0	August 22, 2017
Boron (B)	0.08 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Boron (B)	0.03 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Cadmium (Cd)	0.00002 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Calcium (Ca)	42.3 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Carbonate (CO ₃)	<2 mg CaCO ₃ /L	M-TIT-1.0	August 22, 2017
Dissolved Organic Carbon (D.O.C.)	3.8 mg/L	M-COT-1.0	August 22, 2017
Total Organic Carbon (T.O.C.)	3.8 mg/L	M-COT-1.0	August 22, 2017
Chloride	22.8 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Chrome (Cr)	0.0020 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Chromium (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Copper (Cu)	0.0010 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Copper (Cu)	0.0006 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Cyanates (CNO)	<0.01 mg CNO/L	Sous-traitance\Multilab Direct	August 30, 2017
Total Cyanide (CNT)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Hardness	171 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	August 25, 2017
Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
dissolved Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Iron (Fe)	0.17 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Iron (Fe)	<0.01 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Total Suspended Solids	4 mg/L	M-SOLI-1.0	August 23, 2017
Magnesium (Mg)	16.0 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Manganese (Mn)	0.0573 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Manganese (Mn)	0.0296 mg/L	Sous-traitance\Multilab Direct	August 28, 2017

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Analytical Report

Lab number: V-67000

Sample name: ST-20 Pit Lake DUP

Sampling date: August 20, 2017

Sampling location: Goose Pit

Sampling hour: 15:00

Parameter	Result	Method name	Analysis date
Mercury (Hg)	0.00005 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Dissolved Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Molybdenum (Mo)	0.0197 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Molybdenum (Mo)	0.0198 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Ammonia NH3 (non-ionized)	0.02 mg N/L	Sous-traitance\Multilab Direct	August 24, 2017
Nickel (Ni)	0.0127 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Nickel (Ni)	0.0115 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Nitrate (NO3)	3.60 mg N/L	Sous-traitance\Multilab Direct	August 24, 2017
Nitrite (NO2)	0.08 mg N/L	Sous-traitance\Multilab Direct	August 24, 2017
Ortho-Phosphate (O-PO4)	0.01 mg P/L	Sous-traitance\Multilab Direct	August 24, 2017
Total Phosphorus (P)	0.03 mg P/L	Sous-traitance\Multilab Direct	August 25, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Lead (Pb)	0.0051 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Potassium (K)	9.53 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Selenium (Se)	0.002 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Selenium (Se)	0.001 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Reactive silica (SiO2)	5.4 mg/L	Sous-traitance\Maxxam	August 28, 2017
Sodium (Na)	32.8 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Solids	365 mg/L	M-TIT-1.0	August 22, 2017
Strontium (Sr)	0.302 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
dissolved Strontium (Sr)	0.263 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Sulfate (SO4)	143 mg SO4/L	Sous-traitance\Multilab Direct	August 30, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Thiocyanate (SCN)	<0.05 mg SCN/L	Sous-traitance\Multilab Direct	August 28, 2017
Titanium (Ti)	0.05 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved titanium (Ti)	0.04 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Uranium (U)	0.011 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Uranium (U)	0.012 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Vanadium (V)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Vanadium	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Zinc (Zn)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Zinc	0.001 mg/L	Sous-traitance\Multilab Direct	August 28, 2017

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Detection limit

Lab number: V-67000

Sample name: ST-20 Pit Lake DUP

Sampling date: August 20, 2017

Sampling location: Goose Pit

Sampling hour: 15:00

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO ₃ /L	M-TIT-1.0	
Aluminium (Al)	0.006	mg/L	Sous-traitance	
Dissolved Aluminium (Al)	0.006	mg/L	Sous-traitance	
Antimony (Sb)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Antimony (Sb)	0.0001	mg/L	Sous-traitance	
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Arsenic (As)	0.0005	mg/L	Sous-traitance	
Ammonia nitrogen (NH ₃ -NH ₄)	0.01	mg N/L	Sous-traitance	Yes
Kjeldahl nitrogen	0.05	mg N/L	Sous-traitance	Yes
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Barium (Ba)	0.0005	mg/L	Sous-traitance	
Beryllium (Be)	0.0005	mg/L	Sous-traitance	
Dissolved Beryllium (Be)	0.0005	mg/L	Sous-traitance	
bicarbonate (HCO ₃)	2	mg CaCO ₃ /L	M-TIT-1.0	
Boron (B)	0.01	mg/L	Sous-traitance	Yes
Dissolved Boron (B)	0.01	mg/L	Sous-traitance	
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Dissolved Cadmium (Cd)	0.00002	mg/L	Sous-traitance	
Calcium (Ca)	0.03	mg/L	Sous-traitance	Yes
Carbonate (CO ₃)	2	mg CaCO ₃ /L	M-TIT-1.0	
Dissolved Organic Carbon (D.O.C.)	0.2	mg/L	M-COT-1.0	--
Total Organic Carbon (T.O.C.)	0.2	mg/L	M-COT-1.0	Yes
Chloride	0.5	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Dissolved Chromium (Cr)	0.0006	mg/L	Sous-traitance	
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Copper (Cu)	0.0005	mg/L	Sous-traitance	
Cyanates (CNO)	0.01	mg CNO/L	Sous-traitance	
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO ₃ /L	Sous-traitance	
Tin (Sn)	0.001	mg/L	Sous-traitance	Yes
dissolved Tin (Sn)	0.001	mg/L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes
Dissolved Iron (Fe)	0.01	mg/L	Sous-traitance	
Lithium (Li)	0.005	mg/L	Sous-traitance	
Dissolved Lithium (Li)	0.005	mg/L	Sous-traitance	
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Magnesium (Mg)	0.02	mg/L	Sous-traitance	Yes
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Manganese (Mn)	0.0005	mg/L	Sous-traitance	

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Detection limit

Lab number: V-67000

Sample name: ST-20 Pit Lake DUP

Sampling date: August 20, 2017

Sampling location: Goose Pit

Sampling hour: 15:00

Parameter	Value	Unit	Method	Accreditation
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Dissolved Mercury (Hg)	0.00001	mg/L	Sous-traitance	
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	
Ammonia NH3 (non-ionized)	0.01	mg N/L	Sous-traitance	-
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Nickel (Ni)	0.0005	mg/L	Sous-traitance	
Nitrate (NO3)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO2)	0.01	mg N/L	Sous-traitance	Yes
Ortho-Phosphate (O-PO4)	0.01	mg P/L	Sous-traitance	Yes
Total Phosphorus (P)	0.01	mg P/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Dissolved Lead (Pb)	0.0003	mg/L	Sous-traitance	
Potassium (K)	0.05	mg/L	Sous-traitance	
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Dissolved Selenium (Se)	0.001	mg/L	Sous-traitance	
Reactive silica (SiO2)		mg/L	Sous-traitance	
Sodium (Na)	0.05	mg/L	Sous-traitance	Yes
Dissolved Solids	1	mg/L	M-TIT-1.0	
Strontium (Sr)	0.005	mg/L	Sous-traitance	
dissolved Strontium (Sr)	0.005	mg/L	Sous-traitance	
Sulfate (SO4)	0.6	mg SO4/L	Sous-traitance	Yes
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Dissolved thallium (Tl)	0.0008	mg/L	Sous-traitance	
Thiocyanate (SCN)	0.05	mg SCN/L	Sous-traitance	Yes
Titanium (Ti)	0.01	mg/L	Sous-traitance	
Dissolved titanium (Ti)	0.01	mg/L	Sous-traitance	
Uranium (U)	0.001	mg/L	Sous-traitance	
Dissolved Uranium (U)	0.001	mg/L	Sous-traitance	
Vanadium (V)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Vanadium	0.0005	mg/L	Sous-traitance	
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes
Dissolved Zinc	0.001	mg/L	Sous-traitance	

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Quality control Report

Lab number: V-67000

Sample name: ST-20 Pit Lake DUP

Sampling date: August 20, 2017

Sampling location: Goose Pit

Sampling hour: 15:00

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 153 Accuracy 94.5% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006
	Standard name C00-046-705_X_1000 Result 1.08 Accuracy 92% Limit 0.800 - 1.200
Dissolved Aluminium (Al) mg/L	Blank <0.006
	Standard name C00-046-705_X_1000 Result 1.03 Accuracy 97% Limit 0.800 - 1.200
Antimony (Sb) mg/L	Blank <0.0001
	Standard name C00-046-705_X_1000 Result 0.0109 Accuracy 91% Limit 0.0080 - 0.0120
Dissolved Antimony (Sb) mg/L	Blank <0.0001
	Standard name C00-046-705_X_1000 Result 0.0092 Accuracy 92% Limit 0.0080 - 0.0120
Arsenic (As) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000 Result 0.0960 Accuracy 96% Limit 0.0700 - 0.1300
Dissolved Arsenic (As) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000 Result 0.1079 Accuracy 92.1% Limit 0.0800 - 0.1200
Ammonia nitrogen (NH ₃ -NH ₄) m	Blank <0.01
	Standard name DMR-0417-2017-NH ₃ -NH ₄ Result 2.30 Accuracy 92% Limit 1.81 - 2.45
Kjeldahl nitrogen mg N/L	Blank 0.20

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Quality control Report

Lab number: V-67000

Sample name: ST-20 Pit Lake DUP

Sampling location: Goose Pit

Sampling date: August 20, 2017

Sampling hour: 15:00

Parameter	
	Standard name DMR-0417-2017-NTK
	Result 5.68
	Accuracy 99.8%
	Limit 4.82 - 6.52
Barium (Ba) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0948
	Accuracy 94.8%
	Limit 0.0800 - 0.1200
Dissolved Barium (Ba) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0891
	Accuracy 89.1%
	Limit 0.0800 - 0.1200
Beryllium (Be) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1189
	Accuracy 81.1%
	Limit 0.0800 - 0.1200
Dissolved Beryllium (Be) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1124
	Accuracy 87.6%
	Limit 0.0800 - 0.1200
Boron (B) mg/L	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.12
	Accuracy 88%
	Limit 0.800 - 1.200
Dissolved Boron (B) mg/L	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 0.92
	Accuracy 92%
	Limit 0.800 - 1.200
Cadmium (Cd) mg/L	Blank <0.00002
	Standard name C00-046-705_X_1000
	Result 0.10008
	Accuracy 99.9%
	Limit 0.0800 - 0.1200
Dissolved Cadmium (Cd) mg/L	Blank <0.00002

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Quality control Report

Lab number: V-67000

Sample name: ST-20 Pit Lake DUP

Sampling date: August 20, 2017

Sampling location: Goose Pit

Sampling hour: 15:00

Parameter	
	Standard name C00-046-705_X_1000
	Result 0.10290
	Accuracy 97.1%
	Limit 0.0800 - 0.1200
Calcium (Ca) mg/L	Blank <0.03
	Standard name C00-046-705_X_1000
	Result 0.84
	Accuracy 84%
	Limit 0.800 - 1.200
Dissolved Organic Carbon (D.O.C.) mg/L	Blank <0.2
	Standard name COD 10mg/L
	Result 11
	Accuracy 90%
	Limit 8 - 12
Total Organic Carbon (T.O.C.) mg/L	Blank <0.2
	Standard name COT 10mg/L
	Result 11
	Accuracy 90%
	Limit 8 - 12
Chloride mg/L	Blank <0.5
	Standard name DMR-0417-2017-Cl
	Result 111
	Accuracy 97.2%
	Limit 95 - 121
Chrome (Cr) mg/L	Blank <0.0006
	Standard name C00-046-705_X_1000
	Result 0.1022
	Accuracy 97.8%
	Limit 0.0800 - 0.1200
Dissolved Chromium (Cr) mg/L	Blank <0.0006
	Standard name C00-046-705_X_1000
	Result 0.1055
	Accuracy 94.5%
	Limit 0.0800 - 0.1200
Copper (Cu) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1015
	Accuracy 98.5%
	Limit 0.0800 - 0.1200
Dissolved Copper (Cu) mg/L	Blank <0.0005

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Quality control Report

Lab number: V-67000

Sample name: ST-20 Pit Lake DUP

Sampling location: Goose Pit

Sampling date: August 20, 2017

Sampling hour: 15:00

Parameter	
	Standard name C00-046-705_X_1000
	Result 0.1137
	Accuracy 86.3%
	Limit 0.0800 - 0.1200
Cyanates (CNO) mg CNO/L	Blank <0.01
	Standard name Controle Maison CNO 250 ppm
	Result 216
	Accuracy 86.4%
	Limit 175 - 325
Total Cyanide (CNT) mg/L	Blank <0.001
	Standard name DMR-0343-CN
	Result 1.23
	Accuracy 95.8%
	Limit 1.003 - 1.357
Tin (Sn) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.092
	Accuracy 92%
	Limit 0.0800 - 0.1200
dissolved Tin (Sn) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.093
	Accuracy 93%
	Limit 0.0700 - 0.1300
Iron (Fe) mg/L	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.08
	Accuracy 92%
	Limit 0.800 - 1.200
Dissolved Iron (Fe) mg/L	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.13
	Accuracy 87%
	Limit 0.800 - 1.200
Lithium (Li) mg/L	Blank <0.005
	Standard name DMR-0219-2017-Eu
	Result 1.00
	Accuracy 81.8%
	Limit 0.677 - 1.015
Dissolved Lithium (Li) mg/L	Blank <0.005

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Quality control Report

Lab number: V-67000

Sample name: ST-20 Pit Lake DUP

Sampling location: Goose Pit

Sampling date: August 20, 2017

Sampling hour: 15:00

Parameter	
Total Suspended Solids mg/L	Blank <1 Standard name STD-MES 25mg/L Result 24 Accuracy 96% Limit 19 - 31
Magnesium (Mg) mg/L	Blank <0.02 Standard name C00-046-705_X_1000 Result 1.12 Accuracy 88% Limit 0.800 - 1.200
Manganese (Mn) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1041 Accuracy 95.9% Limit 0.0800 - 0.1200
Dissolved Manganese (Mn) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1034 Accuracy 96.6% Limit 0.0800 - 0.1200
Mercury (Hg) mg/L	Blank <0.00001 Standard name DMR-0343-2017-HgEu Result 0.00047 Accuracy 67.1% Limit 0.00042 - 0.00098
Dissolved Mercury (Hg) mg/L	Blank <0.00001 Standard name DMR-0343-2017-HgEu Result 0.00045 Accuracy 64.3% Limit 0.00042 - 0.00098
Molybdenum (Mo) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0967 Accuracy 96.7% Limit 0.0800 - 0.1200
Dissolved Molybdenum (Mo) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0996 Accuracy 99.6% Limit 0.0800 - 0.1200

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Quality control Report

Lab number: V-67000

Sample name: ST-20 Pit Lake DUP

Sampling date: August 20, 2017

Sampling location: Goose Pit

Sampling hour: 15:00

Parameter	
Ammonia NH3 (non-ionized) mg	Blank <0.01
Nickel (Ni) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1055
	Accuracy 94.5%
	Limit 0.0800 - 0.1200
Dissolved Nickel (Ni) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1104
	Accuracy 89.6%
	Limit 0.0800 - 0.1200
Nitrate (NO3) mg N/L	Blank <0.01
Nitrite (NO2) mg N/L	Blank <0.01
	Standard name DMR-0417-2017-NO2
	Result 2.73
	Accuracy 99.3%
	Limit 2.30 - 3.12
Ortho-Phosphate (O-PO4) mg P/	Blank <0.01
	Standard name DMR-0417-2017-OPO4
	Result 2.82
	Accuracy 88.4%
	Limit 2.81 - 3.57
Total Phosphorus (P) mg P/L	Blank <0.01
	Standard name DMR-0417-2017-Ptotal
	Result 1.12
	Accuracy 98.2%
	Limit 1.00 - 1.28
Lead (Pb) mg/L	Blank <0.0003
	Standard name C00-046-705_X_1000
	Result 0.0874
	Accuracy 87.4%
	Limit 0.0800 - 0.1200
Dissolved Lead (Pb) mg/L	Blank <0.0003
	Standard name C00-046-705_X_1000
	Result 0.0956
	Accuracy 95.6%
	Limit 0.0800 - 0.1200
Potassium (K) mg/L	Blank <0.05
	Standard name C00-046-705_X_1000
	Result 0.97

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Quality control Report

Lab number: V-67000

Sample name: ST-20 Pit Lake DUP

Sampling date: August 20, 2017

Sampling location: Goose Pit

Sampling hour: 15:00

Parameter	
Selenium (Se) mg/L	Accuracy 97%
	Limit 0.800 - 1.200
	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.097
Dissolved Selenium (Se) mg/L	Accuracy 97%
	Limit 0.0800 - 0.1200
	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.111
Sodium (Na) mg/L	Accuracy 89%
	Limit 0.0800 - 0.1200
	Blank <0.05
	Standard name C00-046-705_X_1000
	Result 1.03
Strontium (Sr) mg/L	Accuracy 97%
	Limit 0.800 - 1.200
	Blank <0.005
	Standard name DMR-0219-2017-Eu
	Result 1.42
dissolved Strontium (Sr) mg/L	Accuracy 84.6%
	Limit 0.98 - 1.48
	Blank <0.005
	Standard name DMR-0417-2017-SO4
	Result 129
Sulfate (SO4) mg SO4/L	Accuracy 95.1%
	Limit 114 - 132
	Blank <0.0008
	Standard name TI-S140909023-1000ppm
	Result 1170
Dissolved thallium (TI) mg/L	Accuracy 83%
	Limit 800 - 1200
	Blank <0.0008
	Standard name STD SCN 568ppm
	Result 582
Thiocyanate (SCN) mg SCN/L	Accuracy 97.5%
	Limit 398 - 738
	Blank <0.05
	Standard name STD SCN 568ppm
	Result 582
Titanium (Ti) mg/L	Accuracy 97.5%
	Limit 398 - 738
	Blank <0.01
	Standard name STD SCN 568ppm
	Result 582

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Quality control Report

Lab number: V-67000

Sample name: ST-20 Pit Lake DUP

Sampling date: August 20, 2017

Sampling location: Goose Pit

Sampling hour: 15:00

Parameter

Dissolved titanium (Ti) mg/L Blank <0.01
Uranium (U) mg/L Blank <0.001
 Standard name C00-046-705_X_1000
 Result 0.090
 Accuracy 90%

 Limit 0.0800 - 0.1200
Dissolved Uranium (U) mg/L Blank <0.001
 Standard name C00-046-705_X_1000
 Result 0.107
 Accuracy 93%

 Limit 0.0800 - 0.1200
Vanadium (V) mg/L Blank <0.0005
 Standard name C00-046-705_X_1000
 Result 0.1066
 Accuracy 93.4%

 Limit 0.0800 - 0.1200
Dissolved Vanadium mg/L Blank <0.0005
 Standard name C00-046-705_X_1000
 Result 0.0999
 Accuracy 99.9%

 Limit 0.0800 - 0.1200
Zinc (Zn) mg/L Blank <0.001
 Standard name C00-046-705_X_1000
 Result 0.100
 Accuracy 100%

 Limit 0.0800 - 0.1200
Dissolved Zinc mg/L Blank <0.001
 Standard name C00-046-705_X_1000
 Result 0.113
 Accuracy 87%

 Limit 0.0800 - 0.1200

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Additional information

Lab number: V-67000

Sample name: ST-20 Pit Lake DUP

Sampling location: Goose Pit

Sampling date: August 20, 2017

Sampling hour: 15:00

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-NH3-2.0	MA.300-N 2.0
M-CL-2.0	MA.300-Ions 1.3
M-CI-1.0	MA.300-Anions 1.0
M-CN-1.0	MA.300-CN 1.2
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-P-2.0	MA.303-P 1.1
M-P-3.0	MA. 315-P 2.0
M-SULF-2.0	MA.300-Ions 1.3

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-66999

Sampling location: Goose Pit

Sampling date: August 20, 2017

Sample name: ST-20 Pit Lake

Sampling hour: 15:00

Sampled by: Martin Theriault

Date received: August 22, 2017

Matrix: Water

Drinking water distribution:

Reported on: September 11, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

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Analytical Report

Lab number: V-66999

Sample name: ST-20 Pit Lake

Sampling location: Goose Pit

Sampling date: August 20, 2017

Sampling hour: 15:00

Parameter	Result	Method name	Analysis date
Alkalinity	92 mg CaCO ₃ /L	M-TIT-1.0	August 22, 2017
Aluminium (Al)	0.131 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Antimony (Sb)	0.0005 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Antimony (Sb)	0.0004 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Arsenic (As)	0.0016 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	0.70 mg N/L	Sous-traitance\Multilab Direct	August 24, 2017
Kjeldahl nitrogen	0.89 mg N/L	Sous-traitance\Multilab Direct	September 06, 2017
Barium (Ba)	0.0553 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Barium (Ba)	0.0434 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
bicarbonate (HCO ₃)	92 mg CaCO ₃ /L	M-TIT-1.0	August 22, 2017
Boron (B)	0.07 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Boron (B)	0.03 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Calcium (Ca)	43.9 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Carbonate (CO ₃)	<2 mg CaCO ₃ /L	M-TIT-1.0	August 22, 2017
Dissolved Organic Carbon (D.O.C.)	3.1 mg/L	M-COT-1.0	August 22, 2017
Total Organic Carbon (T.O.C.)	3.1 mg/L	M-COT-1.0	August 22, 2017
Chloride	21.9 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Chrome (Cr)	0.0023 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Chromium (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Copper (Cu)	0.0011 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Copper (Cu)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Cyanates (CNO)	<0.01 mg CNO/L	Sous-traitance\Multilab Direct	August 30, 2017
Total Cyanide (CNT)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Hardness	175 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	August 25, 2017
Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
dissolved Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Iron (Fe)	0.16 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Iron (Fe)	0.01 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Total Suspended Solids	2 mg/L	M-SOLI-1.0	August 23, 2017
Magnesium (Mg)	15.9 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Manganese (Mn)	0.0617 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Manganese (Mn)	0.0308 mg/L	Sous-traitance\Multilab Direct	August 28, 2017

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Analytical Report

Lab number: V-66999

Sample name: ST-20 Pit Lake

Sampling date: August 20, 2017

Sampling location: Goose Pit

Sampling hour: 15:00

Parameter	Result	Method name	Analysis date
Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Dissolved Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Molybdenum (Mo)	0.0201 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Molybdenum (Mo)	0.0197 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Ammonia NH3 (non-ionized)	0.02 mg N/L	Sous-traitance\Multilab Direct	August 24, 2017
Nickel (Ni)	0.0136 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Nickel (Ni)	0.0114 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Nitrate (NO3)	3.65 mg N/L	Sous-traitance\Multilab Direct	August 24, 2017
Nitrite (NO2)	0.08 mg N/L	Sous-traitance\Multilab Direct	August 24, 2017
Ortho-Phosphate (O-PO4)	<0.01 mg P/L	Sous-traitance\Multilab Direct	August 24, 2017
Total Phosphorus (P)	0.01 mg P/L	Sous-traitance\Multilab Direct	August 25, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Potassium (K)	9.33 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Selenium (Se)	0.001 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Selenium (Se)	0.001 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Reactive silica (SiO2)	4.8 mg/L	Sous-traitance\Maxxam	August 28, 2017
Sodium (Na)	33.1 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Solids	364 mg/L	M-TIT-1.0	August 22, 2017
Strontium (Sr)	0.303 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
dissolved Strontium (Sr)	0.271 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Sulfate (SO4)	145 mg SO4/L	Sous-traitance\Multilab Direct	August 30, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Thiocyanate (SCN)	<0.05 mg SCN/L	Sous-traitance\Multilab Direct	August 28, 2017
Titanium (Ti)	0.05 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved titanium (Ti)	0.04 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Uranium (U)	0.011 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Uranium (U)	0.012 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Vanadium (V)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Vanadium	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Zinc (Zn)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Zinc	0.001 mg/L	Sous-traitance\Multilab Direct	August 28, 2017

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Detection limit

Lab number: V-66999

Sample name: ST-20 Pit Lake

Sampling date: August 20, 2017

Sampling location: Goose Pit

Sampling hour: 15:00

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO ₃ /L	M-TIT-1.0	
Aluminium (Al)	0.006	mg/L	Sous-traitance	
Dissolved Aluminium (Al)	0.006	mg/L	Sous-traitance	
Antimony (Sb)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Antimony (Sb)	0.0001	mg/L	Sous-traitance	
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Arsenic (As)	0.0005	mg/L	Sous-traitance	
Ammonia nitrogen (NH ₃ -NH ₄)	0.01	mg N/L	Sous-traitance	Yes
Kjeldahl nitrogen	0.05	mg N/L	Sous-traitance	Yes
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Barium (Ba)	0.0005	mg/L	Sous-traitance	
Beryllium (Be)	0.0005	mg/L	Sous-traitance	
Dissolved Beryllium (Be)	0.0005	mg/L	Sous-traitance	
bicarbonate (HCO ₃)	2	mg CaCO ₃ /L	M-TIT-1.0	
Boron (B)	0.01	mg/L	Sous-traitance	Yes
Dissolved Boron (B)	0.01	mg/L	Sous-traitance	
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Dissolved Cadmium (Cd)	0.00002	mg/L	Sous-traitance	
Calcium (Ca)	0.03	mg/L	Sous-traitance	Yes
Carbonate (CO ₃)	2	mg CaCO ₃ /L	M-TIT-1.0	
Dissolved Organic Carbon (D.O.C.)	0.2	mg/L	M-COT-1.0	--
Total Organic Carbon (T.O.C.)	0.2	mg/L	M-COT-1.0	Yes
Chloride	0.5	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Dissolved Chromium (Cr)	0.0006	mg/L	Sous-traitance	
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Copper (Cu)	0.0005	mg/L	Sous-traitance	
Cyanates (CNO)	0.01	mg CNO/L	Sous-traitance	
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO ₃ /L	Sous-traitance	
Tin (Sn)	0.001	mg/L	Sous-traitance	Yes
dissolved Tin (Sn)	0.001	mg/L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes
Dissolved Iron (Fe)	0.01	mg/L	Sous-traitance	
Lithium (Li)	0.005	mg/L	Sous-traitance	
Dissolved Lithium (Li)	0.005	mg/L	Sous-traitance	
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Magnesium (Mg)	0.02	mg/L	Sous-traitance	Yes
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Manganese (Mn)	0.0005	mg/L	Sous-traitance	

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Detection limit

Lab number: V-66999

Sample name: ST-20 Pit Lake

Sampling date: August 20, 2017

Sampling location: Goose Pit

Sampling hour: 15:00

Parameter	Value	Unit	Method	Accreditation
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Dissolved Mercury (Hg)	0.00001	mg/L	Sous-traitance	
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	
Ammonia NH3 (non-ionized)	0.01	mg N/L	Sous-traitance	-
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Nickel (Ni)	0.0005	mg/L	Sous-traitance	
Nitrate (NO3)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO2)	0.01	mg N/L	Sous-traitance	Yes
Ortho-Phosphate (O-PO4)	0.01	mg P/L	Sous-traitance	Yes
Total Phosphorus (P)	0.01	mg P/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Dissolved Lead (Pb)	0.0003	mg/L	Sous-traitance	
Potassium (K)	0.05	mg/L	Sous-traitance	
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Dissolved Selenium (Se)	0.001	mg/L	Sous-traitance	
Reactive silica (SiO2)		mg/L	Sous-traitance	
Sodium (Na)	0.05	mg/L	Sous-traitance	Yes
Dissolved Solids	1	mg/L	M-TIT-1.0	
Strontium (Sr)	0.005	mg/L	Sous-traitance	
dissolved Strontium (Sr)	0.005	mg/L	Sous-traitance	
Sulfate (SO4)	0.6	mg SO4/L	Sous-traitance	Yes
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Dissolved thallium (Tl)	0.0008	mg/L	Sous-traitance	
Thiocyanate (SCN)	0.05	mg SCN/L	Sous-traitance	Yes
Titanium (Ti)	0.01	mg/L	Sous-traitance	
Dissolved titanium (Ti)	0.01	mg/L	Sous-traitance	
Uranium (U)	0.001	mg/L	Sous-traitance	
Dissolved Uranium (U)	0.001	mg/L	Sous-traitance	
Vanadium (V)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Vanadium	0.0005	mg/L	Sous-traitance	
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes
Dissolved Zinc	0.001	mg/L	Sous-traitance	

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Quality control Report

Lab number: V-66999

Sample name: ST-20 Pit Lake

Sampling date: August 20, 2017

Sampling location: Goose Pit

Sampling hour: 15:00

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 153 Accuracy 94.5% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006
	Standard name C00-046-705_X_1000 Result 1.08 Accuracy 92% Limit 0.800 - 1.200
Dissolved Aluminium (Al) mg/L	Blank <0.006
	Standard name C00-046-705_X_1000 Result 1.03 Accuracy 97% Limit 0.800 - 1.200
Antimony (Sb) mg/L	Blank <0.0001
	Standard name C00-046-705_X_1000 Result 0.0109 Accuracy 91% Limit 0.0080 - 0.0120
Dissolved Antimony (Sb) mg/L	Blank <0.0001
	Standard name C00-046-705_X_1000 Result 0.0092 Accuracy 92% Limit 0.0080 - 0.0120
Arsenic (As) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000 Result 0.0960 Accuracy 96% Limit 0.0700 - 0.1300
Dissolved Arsenic (As) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000 Result 0.1079 Accuracy 92.1% Limit 0.0800 - 0.1200
Ammonia nitrogen (NH ₃ -NH ₄) m	Blank <0.01
	Standard name DMR-0417-2017-NH3-NH4 Result 2.30 Accuracy 92% Limit 1.81 - 2.45
Kjeldahl nitrogen mg N/L	Blank 0.20

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Quality control Report

Lab number: V-66999

Sample name: ST-20 Pit Lake

Sampling location: Goose Pit

Sampling date: August 20, 2017

Sampling hour: 15:00

Parameter	
	Standard name DMR-0417-2017-NTK
	Result 5.68
	Accuracy 99.8%
	Limit 4.82 - 6.52
Barium (Ba) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0948
	Accuracy 94.8%
	Limit 0.0800 - 0.1200
Dissolved Barium (Ba) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0891
	Accuracy 89.1%
	Limit 0.0800 - 0.1200
Beryllium (Be) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1189
	Accuracy 81.1%
	Limit 0.0800 - 0.1200
Dissolved Beryllium (Be) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1124
	Accuracy 87.6%
	Limit 0.0800 - 0.1200
Boron (B) mg/L	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.12
	Accuracy 88%
	Limit 0.800 - 1.200
Dissolved Boron (B) mg/L	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 0.92
	Accuracy 92%
	Limit 0.800 - 1.200
Cadmium (Cd) mg/L	Blank <0.00002
	Standard name C00-046-705_X_1000
	Result 0.10008
	Accuracy 99.9%
	Limit 0.0800 - 0.1200
Dissolved Cadmium (Cd) mg/L	Blank <0.00002

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Quality control Report

Lab number: V-66999

Sample name: ST-20 Pit Lake

Sampling date: August 20, 2017

Sampling location: Goose Pit

Sampling hour: 15:00

Parameter	
	Standard name C00-046-705_X_1000
	Result 0.10290
	Accuracy 97.1%
	Limit 0.0800 - 0.1200
Calcium (Ca) mg/L	Blank <0.03
	Standard name C00-046-705_X_1000
	Result 0.84
	Accuracy 84%
	Limit 0.800 - 1.200
Dissolved Organic Carbon (D.O.C.) mg/L	Blank <0.2
	Standard name COD 10mg/L
	Result 11
	Accuracy 90%
	Limit 8 - 12
Total Organic Carbon (T.O.C.) mg/L	Blank <0.2
	Standard name COT 10mg/L
	Result 11
	Accuracy 90%
	Limit 8 - 12
Chloride mg/L	Blank <0.5
	Standard name DMR-0417-2017-Cl
	Result 111
	Accuracy 97.2%
	Limit 95 - 121
Chrome (Cr) mg/L	Blank <0.0006
	Standard name C00-046-705_X_1000
	Result 0.1022
	Accuracy 97.8%
	Limit 0.0800 - 0.1200
Dissolved Chromium (Cr) mg/L	Blank <0.0006
	Standard name C00-046-705_X_1000
	Result 0.1055
	Accuracy 94.5%
	Limit 0.0800 - 0.1200
Copper (Cu) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1015
	Accuracy 98.5%
	Limit 0.0800 - 0.1200
Dissolved Copper (Cu) mg/L	Blank <0.0005

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Quality control Report

Lab number: V-66999

Sample name: ST-20 Pit Lake

Sampling location: Goose Pit

Sampling date: August 20, 2017

Sampling hour: 15:00

Parameter	
	Standard name C00-046-705_X_1000
	Result 0.1137
	Accuracy 86.3%
	Limit 0.0800 - 0.1200
Cyanates (CNO) mg CNO/L	Blank <0.01
	Standard name Controle Maison CNO 250 ppm
	Result 216
	Accuracy 86.4%
	Limit 175 - 325
Total Cyanide (CNT) mg/L	Blank <0.001
	Standard name DMR-0343-CN
	Result 1.23
	Accuracy 95.8%
	Limit 1.003 - 1.357
Tin (Sn) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.092
	Accuracy 92%
	Limit 0.0800 - 0.1200
dissolved Tin (Sn) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.093
	Accuracy 93%
	Limit 0.0700 - 0.1300
Iron (Fe) mg/L	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.08
	Accuracy 92%
	Limit 0.800 - 1.200
Dissolved Iron (Fe) mg/L	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.13
	Accuracy 87%
	Limit 0.800 - 1.200
Lithium (Li) mg/L	Blank <0.005
	Standard name DMR-0219-2017-Eu
	Result 1.00
	Accuracy 81.8%
	Limit 0.677 - 1.015
Dissolved Lithium (Li) mg/L	Blank <0.005

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Quality control Report

Lab number: V-66999

Sample name: ST-20 Pit Lake

Sampling location: Goose Pit

Sampling date: August 20, 2017

Sampling hour: 15:00

Parameter	
	Standard name DMR-0219-2017-Eu
	Result 0.892
	Accuracy 94.6%
	Limit 0.677 - 1.015
Total Suspended Solids mg/L	Blank <1
	Standard name STD-MES 25mg/L
	Result 24
	Accuracy 96%
	Limit 19 - 31
Magnesium (Mg) mg/L	Blank <0.02
	Standard name C00-046-705_X_1000
	Result 1.12
	Accuracy 88%
	Limit 0.800 - 1.200
Manganese (Mn) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1041
	Accuracy 95.9%
	Limit 0.0800 - 0.1200
Dissolved Manganese (Mn) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1034
	Accuracy 96.6%
	Limit 0.0800 - 0.1200
Mercury (Hg) mg/L	Blank <0.00001
	Standard name DMR-0343-2017-HgEu
	Result 0.00047
	Accuracy 67.1%
	Limit 0.00042 - 0.00098
Dissolved Mercury (Hg) mg/L	Blank <0.00001
	Standard name DMR-0343-2017-HgEu
	Result 0.00045
	Accuracy 64.3%
	Limit 0.00042 - 0.00098
Molybdenum (Mo) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0967
	Accuracy 96.7%
	Limit 0.0800 - 0.1200
Dissolved Molybdenum (Mo) mg/L	Blank <0.0005

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Quality control Report

Lab number: V-66999

Sample name: ST-20 Pit Lake

Sampling location: Goose Pit

Sampling date: August 20, 2017

Sampling hour: 15:00

Parameter	
	Standard name C00-046-705_X_1000
	Result 0.0996
	Accuracy 99.6%
	Limit 0.0800 - 0.1200
Ammonia NH3 (non-ionized) mg	Blank <0.01
Nickel (Ni) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1055
	Accuracy 94.5%
	Limit 0.0800 - 0.1200
Dissolved Nickel (Ni) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1104
	Accuracy 89.6%
	Limit 0.0800 - 0.1200
Nitrate (NO3) mg N/L	Blank <0.01
Nitrite (NO2) mg N/L	Blank <0.01
	Standard name DMR-0417-2017-NO2
	Result 2.73
	Accuracy 99.3%
	Limit 2.30 - 3.12
Ortho-Phosphate (O-PO4) mg P/	Blank <0.01
	Standard name DMR-0417-2017-OPO4
	Result 2.82
	Accuracy 88.4%
	Limit 2.81 - 3.57
Total Phosphorus (P) mg P/L	Blank <0.01
	Standard name DMR-0417-2017-Ptotal
	Result 1.12
	Accuracy 98.2%
	Limit 1.00 - 1.28
Lead (Pb) mg/L	Blank <0.0003
	Standard name C00-046-705_X_1000
	Result 0.0874
	Accuracy 87.4%
	Limit 0.0800 - 0.1200
Dissolved Lead (Pb) mg/L	Blank <0.0003
	Standard name C00-046-705_X_1000
	Result 0.0956
	Accuracy 95.6%

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Quality control Report

Lab number: V-66999

Sample name: ST-20 Pit Lake

Sampling location: Goose Pit

Sampling date: August 20, 2017

Sampling hour: 15:00

Parameter	
Potassium (K) mg/L	Limit 0.0800 - 0.1200 Blank <0.05 Standard name C00-046-705_X_1000 Result 0.97 Accuracy 97%
Selenium (Se) mg/L	Limit 0.800 - 1.200 Blank <0.001 Standard name C00-046-705_X_1000 Result 0.097 Accuracy 97%
Dissolved Selenium (Se) mg/L	Limit 0.0800 - 0.1200 Blank <0.001 Standard name C00-046-705_X_1000 Result 0.111 Accuracy 89%
Sodium (Na) mg/L	Limit 0.0800 - 0.1200 Blank <0.05 Standard name C00-046-705_X_1000 Result 1.03 Accuracy 97%
Strontium (Sr) mg/L	Limit 0.800 - 1.200 Blank <0.005 Standard name DMR-0219-2017-Eu Result 1.42 Accuracy 84.6%
dissolved Strontium (Sr) mg/L	Limit 0.98 - 1.48 Blank <0.005 Standard name DMR-0219-2017-Eu Result 1.42 Accuracy 84.6%
Sulfate (SO4) mg SO4/L	Limit 0.98 - 1.48 Blank <0.6 Standard name DMR-0417-2017-SO4 Result 129 Accuracy 95.1%
Thallium (Tl) mg/L	Limit 114 - 132 Blank <0.0008 Standard name Tl-S140909023-1000ppm Result 1170 Accuracy 83%

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Quality control Report

Lab number: V-66999

Sample name: ST-20 Pit Lake

Sampling date: August 20, 2017

Sampling location: Goose Pit

Sampling hour: 15:00

Parameter		
Dissolved thallium (Tl) mg/L	Limit 800 - 1200	
	Blank <0.0008	
	Standard name Tl-S140909023-1000ppm	
	Result 1070	
	Accuracy 93%	
Thiocyanate (SCN) mg SCN/L	Limit 800 - 1200	
	Blank <0.05	
	Standard name STD SCN 568ppm	
	Result 582	
	Accuracy 97.5%	
Titanium (Ti) mg/L	Limit 398 - 738	
	Blank <0.01	
	Dissolved titanium (Ti) mg/L	Blank <0.01
		Uranium (U) mg/L
	Standard name C00-046-705_X_1000	
Dissolved Uranium (U) mg/L	Result 0.090	
	Accuracy 90%	
	Limit 0.0800 - 0.1200	
	Blank <0.001	
	Standard name C00-046-705_X_1000	
Vanadium (V) mg/L	Result 0.107	
	Accuracy 93%	
	Limit 0.0800 - 0.1200	
	Blank <0.0005	
	Standard name C00-046-705_X_1000	
Dissolved Vanadium mg/L	Result 0.1066	
	Accuracy 93.4%	
	Limit 0.0800 - 0.1200	
	Blank <0.0005	
	Standard name C00-046-705_X_1000	
Zinc (Zn) mg/L	Result 0.0999	
	Accuracy 99.9%	
	Limit 0.0800 - 0.1200	
	Blank <0.001	
	Standard name C00-046-705_X_1000	
Dissolved Zinc mg/L	Result 0.100	
	Accuracy 100%	
	Limit 0.0800 - 0.1200	
	Blank <0.001	
	Standard name C00-046-705_X_1000	

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Quality control Report

Lab number: V-66999

Sample name: ST-20 Pit Lake

Sampling location: Goose Pit

Sampling date: August 20, 2017

Sampling hour: 15:00

Parameter
Result 0.113
Accuracy 87%
Limit 0.0800 - 0.1200

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Additional information

Lab number: V-66999

Sample name: ST-20 Pit Lake

Sampling location: Goose Pit

Sampling date: August 20, 2017

Sampling hour: 15:00

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-NH3-2.0	MA.300-N 2.0
M-CL-2.0	MA.300-Ions 1.3
M-CI-1.0	MA.300-Anions 1.0
M-CN-1.0	MA.300-CN 1.2
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-P-2.0	MA.303-P 1.1
M-P-3.0	MA. 315-P 2.0
M-SULF-2.0	MA.300-Ions 1.3

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-66997

Sampling location: ST-10 N 65 04.11.9 W 95 59.52.7

Sampling date: August 21, 2017

Sample name: ST-10/ST-MMER-2

Sampling hour: 09:30

Sampled by: Martin Theriault

Date received: August 22, 2017

Matrix: Water

Drinking water distribution: **Vault**

Reported on: September 11, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

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Analytical Report

Lab number: V-66997

Sample name: ST-10/ST-MMER-2

Sampling date: August 21, 2017

Sampling location: ST-10 N 65 04.11.9 W 95 59.52.7

Sampling hour: 09:30

Parameter	Result	Method name	Analysis date
Alkalinity	58 mg CaCO ₃ /L	M-TIT-1.0	August 22, 2017
Aluminium (Al)	0.507 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Antimony (Sb)	0.0021 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Antimony (Sb)	0.0020 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Arsenic (As)	0.0029 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	1.70 mg N/L	Sous-traitance\Multilab Direct	August 24, 2017
Kjeldahl nitrogen	2.20 mg N/L	Sous-traitance\Multilab Direct	September 06, 2017
Barium (Ba)	0.0294 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Barium (Ba)	0.0195 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
bicarbonate (HCO ₃)	58 mg CaCO ₃ /L	M-TIT-1.0	August 22, 2017
Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Cadmium (Cd)	0.00002 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Calcium (Ca)	38.2 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Carbonate (CO ₃)	<2 mg CaCO ₃ /L	M-TIT-1.0	August 22, 2017
Dissolved Organic Carbon (D.O.C.)	5.1 mg/L	M-COT-1.0	August 22, 2017
Total Organic Carbon (T.O.C.)	5.1 mg/L	M-COT-1.0	August 22, 2017
Chloride	10.5 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Chrome (Cr)	0.0034 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Chromium (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Copper (Cu)	0.0052 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Copper (Cu)	0.0012 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Total Cyanide (CNT)	0.001 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Hardness	138 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	August 25, 2017
Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
dissolved Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Iron (Fe)	0.75 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Iron (Fe)	0.03 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Hydrocarbons (C10-C50)	0.1 mg/L	M-HYD-2.0	September 08, 2017
Lithium (Li)	0.023 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Dissolved Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Total Suspended Solids	22 mg/L	M-SOLI-1.0	August 23, 2017
Magnesium (Mg)	10.5 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Manganese (Mn)	0.0656 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Manganese (Mn)	0.0385 mg/L	Sous-traitance\Multilab Direct	August 28, 2017

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Analytical Report

Lab number: V-66997

Sample name: ST-10/ST-MMER-2

Sampling date: August 21, 2017

Sampling location: ST-10 N 65 04.11.9 W 95 59.52.7

Sampling hour: 09:30

Parameter	Result	Method name	Analysis date
Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Dissolved Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Molybdenum (Mo)	0.0191 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Molybdenum (Mo)	0.0176 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Ammonia NH3 (non-ionized)	0.03 mg N/L	Sous-traitance\Multilab Direct	August 24, 2017
Nickel (Ni)	0.0056 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Nickel (Ni)	0.0027 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Nitrate (NO3)	5.80 mg N/L	Sous-traitance\Multilab Direct	August 24, 2017
Nitrite (NO2)	0.07 mg N/L	Sous-traitance\Multilab Direct	August 24, 2017
Ortho-Phosphate (O-PO4)	<0.01 mg P/L	Sous-traitance\Multilab Direct	August 24, 2017
Total Phosphorus (P)	0.03 mg P/L	Sous-traitance\Multilab Direct	August 25, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Potassium (K)	5.40 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Selenium (Se)	0.002 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Reactive silica (SiO2)	1.4 mg/L	Sous-traitance\Maxxam	August 28, 2017
Sodium (Na)	6.31 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Solids	226 mg/L	M-TIT-1.0	August 22, 2017
Strontium (Sr)	0.296 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
dissolved Strontium (Sr)	0.245 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Sulfate (SO4)	62.9 mg SO4/L	Sous-traitance\Multilab Direct	August 30, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Dissolved thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Titanium (Ti)	0.06 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved titanium (Ti)	0.03 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Uranium (U)	0.005 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Uranium (U)	0.005 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Vanadium (V)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Vanadium	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Zinc (Zn)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Zinc	<0.001 mg/L	Sous-traitance\Multilab Direct	August 28, 2017

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Detection limit

Lab number: V-66997

Sample name: ST-10/ST-MMER-2

Sampling date: August 21, 2017

Sampling location: ST-10 N 65 04.11.9 W 95 59.52.7

Sampling hour: 09:30

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO ₃ /L	M-TIT-1.0	
Aluminium (Al)	0.006	mg/L	Sous-traitance	
Dissolved Aluminium (Al)	0.006	mg/L	Sous-traitance	
Antimony (Sb)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Antimony (Sb)	0.0001	mg/L	Sous-traitance	
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Arsenic (As)	0.0005	mg/L	Sous-traitance	
Ammonia nitrogen (NH ₃ -NH ₄)	0.01	mg N/L	Sous-traitance	Yes
Kjeldahl nitrogen	0.05	mg N/L	Sous-traitance	Yes
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Barium (Ba)	0.0005	mg/L	Sous-traitance	
Beryllium (Be)	0.0005	mg/L	Sous-traitance	
Dissolved Beryllium (Be)	0.0005	mg/L	Sous-traitance	
bicarbonate (HCO ₃)	2	mg CaCO ₃ /L	M-TIT-1.0	
Boron (B)	0.01	mg/L	Sous-traitance	Yes
Dissolved Boron (B)	0.01	mg/L	Sous-traitance	
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Dissolved Cadmium (Cd)	0.00002	mg/L	Sous-traitance	
Calcium (Ca)	0.03	mg/L	Sous-traitance	Yes
Carbonate (CO ₃)	2	mg CaCO ₃ /L	M-TIT-1.0	
Dissolved Organic Carbon (D.O.C.)	0.2	mg/L	M-COT-1.0	--
Total Organic Carbon (T.O.C.)	0.2	mg/L	M-COT-1.0	Yes
Chloride	0.5	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Dissolved Chromium (Cr)	0.0006	mg/L	Sous-traitance	
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Copper (Cu)	0.0005	mg/L	Sous-traitance	
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO ₃ /L	Sous-traitance	
Tin (Sn)	0.001	mg/L	Sous-traitance	Yes
dissolved Tin (Sn)	0.001	mg/L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes
Dissolved Iron (Fe)	0.01	mg/L	Sous-traitance	
Hydrocarbons (C10-C50)	0.1	mg/L	M-HYD-2.0	Yes
Lithium (Li)	0.005	mg/L	Sous-traitance	
Dissolved Lithium (Li)	0.005	mg/L	Sous-traitance	
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Magnesium (Mg)	0.02	mg/L	Sous-traitance	Yes
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Manganese (Mn)	0.0005	mg/L	Sous-traitance	

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Detection limit

Lab number: V-66997

Sample name: ST-10/ST-MMER-2

Sampling date: August 21, 2017

Sampling location: ST-10 N 65 04.11.9 W 95 59.52.7

Sampling hour: 09:30

Parameter	Value	Unit	Method	Accreditation
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Dissolved Mercury (Hg)	0.00001	mg/L	Sous-traitance	
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	
Ammonia NH3 (non-ionized)	0.01	mg N/L	Sous-traitance	-
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Nickel (Ni)	0.0005	mg/L	Sous-traitance	
Nitrate (NO3)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO2)	0.01	mg N/L	Sous-traitance	Yes
Ortho-Phosphate (O-PO4)	0.01	mg P/L	Sous-traitance	Yes
Total Phosphorus (P)	0.01	mg P/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Dissolved Lead (Pb)	0.0003	mg/L	Sous-traitance	
Potassium (K)	0.05	mg/L	Sous-traitance	
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Dissolved Selenium (Se)	0.001	mg/L	Sous-traitance	
Reactive silica (SiO2)		mg/L	Sous-traitance	
Sodium (Na)	0.05	mg/L	Sous-traitance	Yes
Dissolved Solids	1	mg/L	M-TIT-1.0	
Strontium (Sr)	0.005	mg/L	Sous-traitance	
dissolved Strontium (Sr)	0.005	mg/L	Sous-traitance	
Sulfate (SO4)	0.6	mg SO4/L	Sous-traitance	Yes
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Dissolved thallium (Tl)	0.0008	mg/L	Sous-traitance	
Titanium (Ti)	0.01	mg/L	Sous-traitance	
Dissolved titanium (Ti)	0.01	mg/L	Sous-traitance	
Uranium (U)	0.001	mg/L	Sous-traitance	
Dissolved Uranium (U)	0.001	mg/L	Sous-traitance	
Vanadium (V)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Vanadium	0.0005	mg/L	Sous-traitance	
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes
Dissolved Zinc	0.001	mg/L	Sous-traitance	

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Quality control Report

Lab number: V-66997

Sample name: ST-10/ST-MMER-2

Sampling date: August 21, 2017

Sampling location: ST-10 N 65 04.11.9 W 95 59.52.7

Sampling hour: 09:30

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 153 Accuracy 94.5% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006
	Standard name C00-046-705_X_1000 Result 1.08 Accuracy 92% Limit 0.800 - 1.200
Dissolved Aluminium (Al) mg/L	Blank <0.006
	Standard name C00-046-705_X_1000 Result 1.03 Accuracy 97% Limit 0.800 - 1.200
Antimony (Sb) mg/L	Blank <0.0001
	Standard name C00-046-705_X_1000 Result 0.0109 Accuracy 91% Limit 0.0080 - 0.0120
Dissolved Antimony (Sb) mg/L	Blank <0.0001
	Standard name C00-046-705_X_1000 Result 0.0092 Accuracy 92% Limit 0.0080 - 0.0120
Arsenic (As) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000 Result 0.0960 Accuracy 96% Limit 0.0700 - 0.1300
Dissolved Arsenic (As) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000 Result 0.1079 Accuracy 92.1% Limit 0.0800 - 0.1200
Ammonia nitrogen (NH ₃ -NH ₄) m	Blank <0.01
	Standard name DMR-0417-2017-NH ₃ -NH ₄ Result 2.30 Accuracy 92% Limit 1.81 - 2.45
Kjeldahl nitrogen mg N/L	Blank 0.20

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Quality control Report

Lab number: V-66997

Sample name: ST-10/ST-MMER-2

Sampling date: August 21, 2017

Sampling location: ST-10 N 65 04.11.9 W 95 59.52.7

Sampling hour: 09:30

Parameter	
	Standard name DMR-0417-2017-NTK
	Result 5.68
	Accuracy 99.8%
	Limit 4.82 - 6.52
Barium (Ba) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0948
	Accuracy 94.8%
	Limit 0.0800 - 0.1200
Dissolved Barium (Ba) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0891
	Accuracy 89.1%
	Limit 0.0800 - 0.1200
Beryllium (Be) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1189
	Accuracy 81.1%
	Limit 0.0800 - 0.1200
Dissolved Beryllium (Be) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1124
	Accuracy 87.6%
	Limit 0.0800 - 0.1200
Boron (B) mg/L	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.12
	Accuracy 88%
	Limit 0.800 - 1.200
Dissolved Boron (B) mg/L	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 0.92
	Accuracy 92%
	Limit 0.800 - 1.200
Cadmium (Cd) mg/L	Blank <0.00002
	Standard name C00-046-705_X_1000
	Result 0.10008
	Accuracy 99.9%
	Limit 0.0800 - 0.1200
Dissolved Cadmium (Cd) mg/L	Blank <0.00002

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Quality control Report

Lab number: V-66997

Sample name: ST-10/ST-MMER-2

Sampling date: August 21, 2017

Sampling location: ST-10 N 65 04.11.9 W 95 59.52.7

Sampling hour: 09:30

Parameter	
	Standard name C00-046-705_X_1000
	Result 0.10290
	Accuracy 97.1%
	Limit 0.0800 - 0.1200
Calcium (Ca) mg/L	Blank <0.03
	Standard name C00-046-705_X_1000
	Result 0.84
	Accuracy 84%
	Limit 0.800 - 1.200
Dissolved Organic Carbon (D.O.C.) mg/L	Blank <0.2
	Standard name COD 10mg/L
	Result 11
	Accuracy 90%
	Limit 8 - 12
Total Organic Carbon (T.O.C.) mg/L	Blank <0.2
	Standard name COT 10mg/L
	Result 11
	Accuracy 90%
	Limit 8 - 12
Chloride mg/L	Blank <0.5
	Standard name DMR-0417-2017-Cl
	Result 111
	Accuracy 97.2%
	Limit 95 - 121
Chrome (Cr) mg/L	Blank <0.0006
	Standard name C00-046-705_X_1000
	Result 0.1022
	Accuracy 97.8%
	Limit 0.0800 - 0.1200
Dissolved Chromium (Cr) mg/L	Blank <0.0006
	Standard name C00-046-705_X_1000
	Result 0.1055
	Accuracy 94.5%
	Limit 0.0800 - 0.1200
Copper (Cu) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1015
	Accuracy 98.5%
	Limit 0.0800 - 0.1200
Dissolved Copper (Cu) mg/L	Blank <0.0005

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Quality control Report

Lab number: V-66997

Sample name: ST-10/ST-MMER-2

Sampling date: August 21, 2017

Sampling location: ST-10 N 65 04.11.9 W 95 59.52.7

Sampling hour: 09:30

Parameter	
	Standard name C00-046-705_X_1000
	Result 0.1137
	Accuracy 86.3%
	Limit 0.0800 - 0.1200
Total Cyanide (CNT) mg/L	Blank <0.001
	Standard name DMR-0343-CN
	Result 1.23
	Accuracy 95.8%
	Limit 1.003 - 1.357
Tin (Sn) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.092
	Accuracy 92%
	Limit 0.0800 - 0.1200
dissolved Tin (Sn) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.093
	Accuracy 93%
	Limit 0.0700 - 0.1300
Iron (Fe) mg/L	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.08
	Accuracy 92%
	Limit 0.800 - 1.200
Dissolved Iron (Fe) mg/L	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.13
	Accuracy 87%
	Limit 0.800 - 1.200
Hydrocarbons (C10-C50) mg/L	Standard name MR-0.625mg/L
	Result 0.600
	Accuracy 96%
	Limit 0.438 - 0.813
Hydrocarbons (C10-C50) mg/L	Blank <0.1
	Standard name 200 ppm(2)
	Result 1.20
	Accuracy 96%
	Limit 0.88 - 1.63
Lithium (Li) mg/L	Blank <0.005
Dissolved Lithium (Li) mg/L	Blank <0.005

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Quality control Report

Lab number: V-66997

Sample name: ST-10/ST-MMER-2

Sampling date: August 21, 2017

Sampling location: ST-10 N 65 04.11.9 W 95 59.52.7

Sampling hour: 09:30

Parameter	
	Standard name DMR-0219-2017-Eu
	Result 0.892
	Accuracy 94.6%
	Limit 0.677 - 1.015
Total Suspended Solids mg/L	Blank <1
	Standard name STD-MES 25mg/L
	Result 24
	Accuracy 96%
	Limit 19 - 31
Magnesium (Mg) mg/L	Blank <0.02
	Standard name C00-046-705_X_1000
	Result 1.12
	Accuracy 88%
	Limit 0.800 - 1.200
Manganese (Mn) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1041
	Accuracy 95.9%
	Limit 0.0800 - 0.1200
Dissolved Manganese (Mn) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1034
	Accuracy 96.6%
	Limit 0.0800 - 0.1200
Mercury (Hg) mg/L	Blank <0.00001
	Standard name DMR-0343-2017-HgEu
	Result 0.00047
	Accuracy 67.1%
	Limit 0.00042 - 0.00098
Dissolved Mercury (Hg) mg/L	Blank <0.00001
	Standard name DMR-0343-2017-HgEu
	Result 0.00045
	Accuracy 64.3%
	Limit 0.00042 - 0.00098
Molybdenum (Mo) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0967
	Accuracy 96.7%
	Limit 0.0800 - 0.1200
Dissolved Molybdenum (Mo) mg/L	Blank <0.0005

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Quality control Report

Lab number: V-66997

Sample name: ST-10/ST-MMER-2

Sampling date: August 21, 2017

Sampling location: ST-10 N 65 04.11.9 W 95 59.52.7

Sampling hour: 09:30

Parameter	
	Standard name C00-046-705_X_1000
	Result 0.0996
	Accuracy 99.6%
	Limit 0.0800 - 0.1200
Ammonia NH3 (non-ionized) mg	Blank <0.01
Nickel (Ni) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1055
	Accuracy 94.5%
	Limit 0.0800 - 0.1200
Dissolved Nickel (Ni) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1104
	Accuracy 89.6%
	Limit 0.0800 - 0.1200
Nitrate (NO3) mg N/L	Blank <0.01
Nitrite (NO2) mg N/L	Blank <0.01
	Standard name DMR-0417-2017-NO2
	Result 2.73
	Accuracy 99.3%
	Limit 2.30 - 3.12
Ortho-Phosphate (O-PO4) mg P/	Blank <0.01
	Standard name DMR-0417-2017-OPO4
	Result 2.82
	Accuracy 88.4%
	Limit 2.81 - 3.57
Total Phosphorus (P) mg P/L	Blank <0.01
	Standard name DMR-0417-2017-Ptotal
	Result 1.12
	Accuracy 98.2%
	Limit 1.00 - 1.28
Lead (Pb) mg/L	Blank <0.0003
	Standard name C00-046-705_X_1000
	Result 0.0874
	Accuracy 87.4%
	Limit 0.0800 - 0.1200
Dissolved Lead (Pb) mg/L	Blank <0.0003
	Standard name C00-046-705_X_1000
	Result 0.0956
	Accuracy 95.6%

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Quality control Report

Lab number: V-66997

Sample name: ST-10/ST-MMER-2

Sampling date: August 21, 2017

Sampling location: ST-10 N 65 04.11.9 W 95 59.52.7

Sampling hour: 09:30

Parameter	
Potassium (K) mg/L	Limit 0.0800 - 0.1200 Blank <0.05 Standard name C00-046-705_X_1000 Result 0.97 Accuracy 97%
Selenium (Se) mg/L	Limit 0.800 - 1.200 Blank <0.001 Standard name C00-046-705_X_1000 Result 0.097 Accuracy 97%
Dissolved Selenium (Se) mg/L	Limit 0.0800 - 0.1200 Blank <0.001 Standard name C00-046-705_X_1000 Result 0.111 Accuracy 89%
Sodium (Na) mg/L	Limit 0.0800 - 0.1200 Blank <0.05 Standard name C00-046-705_X_1000 Result 1.03 Accuracy 97%
Strontium (Sr) mg/L	Limit 0.800 - 1.200 Blank <0.005
dissolved Strontium (Sr) mg/L	Blank <0.005 Standard name DMR-0219-2017-Eu Result 1.42 Accuracy 84.6%
Thallium (Tl) mg/L	Limit 0.98 - 1.48 Blank <0.0008
Dissolved thallium (Tl) mg/L	Blank <0.0008 Standard name TI-S140909023-1000ppm Result 1070 Accuracy 93%
Titanium (Ti) mg/L	Limit 800 - 1200 Blank <0.01
Dissolved titanium (Ti) mg/L	Blank <0.01
Uranium (U) mg/L	Blank <0.001 Standard name C00-046-705_X_1000 Result 0.090 Accuracy 90% Limit 0.0800 - 0.1200

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Quality control Report

Lab number: V-66997

Sample name: ST-10/ST-MMER-2

Sampling date: August 21, 2017

Sampling location: ST-10 N 65 04.11.9 W 95 59.52.7

Sampling hour: 09:30

Parameter

Dissolved Uranium (U) mg/L Blank <0.001
Standard name C00-046-705_X_1000
Result 0.107
Accuracy 93%
Limit 0.0800 - 0.1200

Vanadium (V) mg/L Blank <0.0005
Standard name C00-046-705_X_1000
Result 0.1066
Accuracy 93.4%
Limit 0.0800 - 0.1200

Dissolved Vanadium mg/L Blank <0.0005
Standard name C00-046-705_X_1000
Result 0.0999
Accuracy 99.9%
Limit 0.0800 - 0.1200

Zinc (Zn) mg/L Blank <0.001
Standard name C00-046-705_X_1000
Result 0.100
Accuracy 100%
Limit 0.0800 - 0.1200

Dissolved Zinc mg/L Blank <0.001
Standard name C00-046-705_X_1000
Result 0.113
Accuracy 87%
Limit 0.0800 - 0.1200

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Additional information

Lab number: V-66997

Sample name: ST-10/ST-MMER-2

Sampling location: ST-10 N 65 04.11.9 W 95 59.52.7

Sampling date: August 21, 2017

Sampling hour: 09:30

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-NH3-2.0	MA.300-N 2.0
M-CL-2.0	MA.300-Ions 1.3
M-CN-1.0	MA.300-CN 1.2
M-HYD-2.0	MA.400-HYD. 1.1
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-P-2.0	MA.303-P 1.1
M-P-3.0	MA. 315-P 2.0
M-SULF-2.0	MA.300-Ions 1.3

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-66997

Sampling location: ST-10 N 65 04.11.9 W 95 59.52.7

Sampling date: August 21, 2017

Sample name: ST-10/ST-MMER-2

Sampling hour: 09:30

Sampled by: Martin Theriault

Date received: August 22, 2017

Matrix: Water

Drinking water distribution: **Vault**

Reported on: September 11, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

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Analytical Report

Lab number: V-66997

Sample name: ST-10/ST-MMER-2

Sampling date: August 21, 2017

Sampling location: ST-10 N 65 04.11.9 W 95 59.52.7

Sampling hour: 09:30

Parameter	Result	Method name	Analysis date
Alkalinity	58 mg CaCO ₃ /L	M-TIT-1.0	August 22, 2017
Aluminium (Al)	0.507 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Antimony (Sb)	0.0021 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Antimony (Sb)	0.0020 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Arsenic (As)	0.0029 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	1.70 mg N/L	Sous-traitance\Multilab Direct	August 24, 2017
Kjeldahl nitrogen	2.20 mg N/L	Sous-traitance\Multilab Direct	September 06, 2017
Barium (Ba)	0.0294 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Barium (Ba)	0.0195 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
bicarbonate (HCO ₃)	58 mg CaCO ₃ /L	M-TIT-1.0	August 22, 2017
Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Cadmium (Cd)	0.00002 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Calcium (Ca)	38.2 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Carbonate (CO ₃)	<2 mg CaCO ₃ /L	M-TIT-1.0	August 22, 2017
Dissolved Organic Carbon (D.O.C.)	5.1 mg/L	M-COT-1.0	August 22, 2017
Total Organic Carbon (T.O.C.)	5.1 mg/L	M-COT-1.0	August 22, 2017
Chloride	10.5 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Chrome (Cr)	0.0034 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Chromium (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Copper (Cu)	0.0052 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Copper (Cu)	0.0012 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Total Cyanide (CNT)	0.001 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Hardness	138 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	August 25, 2017
Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
dissolved Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Iron (Fe)	0.75 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Iron (Fe)	0.03 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Hydrocarbons (C10-C50)	0.1 mg/L	M-HYD-2.0	September 08, 2017
Lithium (Li)	0.023 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Dissolved Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Total Suspended Solids	22 mg/L	M-SOLI-1.0	August 23, 2017
Magnesium (Mg)	10.5 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Manganese (Mn)	0.0656 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Manganese (Mn)	0.0385 mg/L	Sous-traitance\Multilab Direct	August 28, 2017

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Analytical Report

Lab number: V-66997

Sample name: ST-10/ST-MMER-2

Sampling date: August 21, 2017

Sampling location: ST-10 N 65 04.11.9 W 95 59.52.7

Sampling hour: 09:30

Parameter	Result	Method name	Analysis date
Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Dissolved Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Molybdenum (Mo)	0.0191 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Molybdenum (Mo)	0.0176 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Ammonia NH3 (non-ionized)	0.03 mg N/L	Sous-traitance\Multilab Direct	August 24, 2017
Nickel (Ni)	0.0056 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Nickel (Ni)	0.0027 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Nitrate (NO3)	5.80 mg N/L	Sous-traitance\Multilab Direct	August 24, 2017
Nitrite (NO2)	0.07 mg N/L	Sous-traitance\Multilab Direct	August 24, 2017
Ortho-Phosphate (O-PO4)	<0.01 mg P/L	Sous-traitance\Multilab Direct	August 24, 2017
Total Phosphorus (P)	0.03 mg P/L	Sous-traitance\Multilab Direct	August 25, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Potassium (K)	5.40 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Selenium (Se)	0.002 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Reactive silica (SiO2)	1.4 mg/L	Sous-traitance\Maxxam	August 28, 2017
Sodium (Na)	6.31 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Solids	226 mg/L	M-TIT-1.0	August 22, 2017
Strontium (Sr)	0.296 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
dissolved Strontium (Sr)	0.245 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Sulfate (SO4)	62.9 mg SO4/L	Sous-traitance\Multilab Direct	August 30, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Dissolved thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Titanium (Ti)	0.06 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved titanium (Ti)	0.03 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Uranium (U)	0.005 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Uranium (U)	0.005 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Vanadium (V)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Vanadium	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Zinc (Zn)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Zinc	<0.001 mg/L	Sous-traitance\Multilab Direct	August 28, 2017

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Detection limit

Lab number: V-66997

Sample name: ST-10/ST-MMER-2

Sampling date: August 21, 2017

Sampling location: ST-10 N 65 04.11.9 W 95 59.52.7

Sampling hour: 09:30

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO ₃ /L	M-TIT-1.0	
Aluminium (Al)	0.006	mg/L	Sous-traitance	
Dissolved Aluminium (Al)	0.006	mg/L	Sous-traitance	
Antimony (Sb)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Antimony (Sb)	0.0001	mg/L	Sous-traitance	
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Arsenic (As)	0.0005	mg/L	Sous-traitance	
Ammonia nitrogen (NH ₃ -NH ₄)	0.01	mg N/L	Sous-traitance	Yes
Kjeldahl nitrogen	0.05	mg N/L	Sous-traitance	Yes
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Barium (Ba)	0.0005	mg/L	Sous-traitance	
Beryllium (Be)	0.0005	mg/L	Sous-traitance	
Dissolved Beryllium (Be)	0.0005	mg/L	Sous-traitance	
bicarbonate (HCO ₃)	2	mg CaCO ₃ /L	M-TIT-1.0	
Boron (B)	0.01	mg/L	Sous-traitance	Yes
Dissolved Boron (B)	0.01	mg/L	Sous-traitance	
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Dissolved Cadmium (Cd)	0.00002	mg/L	Sous-traitance	
Calcium (Ca)	0.03	mg/L	Sous-traitance	Yes
Carbonate (CO ₃)	2	mg CaCO ₃ /L	M-TIT-1.0	
Dissolved Organic Carbon (D.O.C.)	0.2	mg/L	M-COT-1.0	--
Total Organic Carbon (T.O.C.)	0.2	mg/L	M-COT-1.0	Yes
Chloride	0.5	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Dissolved Chromium (Cr)	0.0006	mg/L	Sous-traitance	
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Copper (Cu)	0.0005	mg/L	Sous-traitance	
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO ₃ /L	Sous-traitance	
Tin (Sn)	0.001	mg/L	Sous-traitance	Yes
dissolved Tin (Sn)	0.001	mg/L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes
Dissolved Iron (Fe)	0.01	mg/L	Sous-traitance	
Hydrocarbons (C10-C50)	0.1	mg/L	M-HYD-2.0	Yes
Lithium (Li)	0.005	mg/L	Sous-traitance	
Dissolved Lithium (Li)	0.005	mg/L	Sous-traitance	
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Magnesium (Mg)	0.02	mg/L	Sous-traitance	Yes
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Manganese (Mn)	0.0005	mg/L	Sous-traitance	

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Detection limit

Lab number: V-66997

Sample name: ST-10/ST-MMER-2

Sampling date: August 21, 2017

Sampling location: ST-10 N 65 04.11.9 W 95 59.52.7

Sampling hour: 09:30

Parameter	Value	Unit	Method	Accreditation
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Dissolved Mercury (Hg)	0.00001	mg/L	Sous-traitance	
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	
Ammonia NH3 (non-ionized)	0.01	mg N/L	Sous-traitance	-
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Nickel (Ni)	0.0005	mg/L	Sous-traitance	
Nitrate (NO3)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO2)	0.01	mg N/L	Sous-traitance	Yes
Ortho-Phosphate (O-PO4)	0.01	mg P/L	Sous-traitance	Yes
Total Phosphorus (P)	0.01	mg P/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Dissolved Lead (Pb)	0.0003	mg/L	Sous-traitance	
Potassium (K)	0.05	mg/L	Sous-traitance	
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Dissolved Selenium (Se)	0.001	mg/L	Sous-traitance	
Reactive silica (SiO2)		mg/L	Sous-traitance	
Sodium (Na)	0.05	mg/L	Sous-traitance	Yes
Dissolved Solids	1	mg/L	M-TIT-1.0	
Strontium (Sr)	0.005	mg/L	Sous-traitance	
dissolved Strontium (Sr)	0.005	mg/L	Sous-traitance	
Sulfate (SO4)	0.6	mg SO4/L	Sous-traitance	Yes
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Dissolved thallium (Tl)	0.0008	mg/L	Sous-traitance	
Titanium (Ti)	0.01	mg/L	Sous-traitance	
Dissolved titanium (Ti)	0.01	mg/L	Sous-traitance	
Uranium (U)	0.001	mg/L	Sous-traitance	
Dissolved Uranium (U)	0.001	mg/L	Sous-traitance	
Vanadium (V)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Vanadium	0.0005	mg/L	Sous-traitance	
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes
Dissolved Zinc	0.001	mg/L	Sous-traitance	

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Quality control Report

Lab number: V-66997

Sample name: ST-10/ST-MMER-2

Sampling date: August 21, 2017

Sampling location: ST-10 N 65 04.11.9 W 95 59.52.7

Sampling hour: 09:30

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 153 Accuracy 94.5% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006
	Standard name C00-046-705_X_1000 Result 1.08 Accuracy 92% Limit 0.800 - 1.200
Dissolved Aluminium (Al) mg/L	Blank <0.006
	Standard name C00-046-705_X_1000 Result 1.03 Accuracy 97% Limit 0.800 - 1.200
Antimony (Sb) mg/L	Blank <0.0001
	Standard name C00-046-705_X_1000 Result 0.0109 Accuracy 91% Limit 0.0080 - 0.0120
Dissolved Antimony (Sb) mg/L	Blank <0.0001
	Standard name C00-046-705_X_1000 Result 0.0092 Accuracy 92% Limit 0.0080 - 0.0120
Arsenic (As) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000 Result 0.0960 Accuracy 96% Limit 0.0700 - 0.1300
Dissolved Arsenic (As) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000 Result 0.1079 Accuracy 92.1% Limit 0.0800 - 0.1200
Ammonia nitrogen (NH ₃ -NH ₄) m	Blank <0.01
	Standard name DMR-0417-2017-NH ₃ -NH ₄ Result 2.30 Accuracy 92% Limit 1.81 - 2.45
Kjeldahl nitrogen mg N/L	Blank 0.20

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Quality control Report

Lab number: V-66997

Sample name: ST-10/ST-MMER-2

Sampling date: August 21, 2017

Sampling location: ST-10 N 65 04.11.9 W 95 59.52.7

Sampling hour: 09:30

Parameter	
	Standard name DMR-0417-2017-NTK
	Result 5.68
	Accuracy 99.8%
	Limit 4.82 - 6.52
Barium (Ba) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0948
	Accuracy 94.8%
	Limit 0.0800 - 0.1200
Dissolved Barium (Ba) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0891
	Accuracy 89.1%
	Limit 0.0800 - 0.1200
Beryllium (Be) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1189
	Accuracy 81.1%
	Limit 0.0800 - 0.1200
Dissolved Beryllium (Be) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1124
	Accuracy 87.6%
	Limit 0.0800 - 0.1200
Boron (B) mg/L	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.12
	Accuracy 88%
	Limit 0.800 - 1.200
Dissolved Boron (B) mg/L	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 0.92
	Accuracy 92%
	Limit 0.800 - 1.200
Cadmium (Cd) mg/L	Blank <0.00002
	Standard name C00-046-705_X_1000
	Result 0.10008
	Accuracy 99.9%
	Limit 0.0800 - 0.1200
Dissolved Cadmium (Cd) mg/L	Blank <0.00002

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Quality control Report

Lab number: V-66997

Sample name: ST-10/ST-MMER-2

Sampling date: August 21, 2017

Sampling location: ST-10 N 65 04.11.9 W 95 59.52.7

Sampling hour: 09:30

Parameter	
	Standard name C00-046-705_X_1000
	Result 0.10290
	Accuracy 97.1%
	Limit 0.0800 - 0.1200
Calcium (Ca) mg/L	Blank <0.03
	Standard name C00-046-705_X_1000
	Result 0.84
	Accuracy 84%
	Limit 0.800 - 1.200
Dissolved Organic Carbon (D.O.C.) mg/L	Blank <0.2
	Standard name COD 10mg/L
	Result 11
	Accuracy 90%
	Limit 8 - 12
Total Organic Carbon (T.O.C.) mg/L	Blank <0.2
	Standard name COT 10mg/L
	Result 11
	Accuracy 90%
	Limit 8 - 12
Chloride mg/L	Blank <0.5
	Standard name DMR-0417-2017-Cl
	Result 111
	Accuracy 97.2%
	Limit 95 - 121
Chrome (Cr) mg/L	Blank <0.0006
	Standard name C00-046-705_X_1000
	Result 0.1022
	Accuracy 97.8%
	Limit 0.0800 - 0.1200
Dissolved Chromium (Cr) mg/L	Blank <0.0006
	Standard name C00-046-705_X_1000
	Result 0.1055
	Accuracy 94.5%
	Limit 0.0800 - 0.1200
Copper (Cu) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1015
	Accuracy 98.5%
	Limit 0.0800 - 0.1200
Dissolved Copper (Cu) mg/L	Blank <0.0005

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Quality control Report

Lab number: V-66997

Sample name: ST-10/ST-MMER-2

Sampling date: August 21, 2017

Sampling location: ST-10 N 65 04.11.9 W 95 59.52.7

Sampling hour: 09:30

Parameter	
	Standard name C00-046-705_X_1000
	Result 0.1137
	Accuracy 86.3%
	Limit 0.0800 - 0.1200
Total Cyanide (CNT) mg/L	Blank <0.001
	Standard name DMR-0343-CN
	Result 1.23
	Accuracy 95.8%
	Limit 1.003 - 1.357
Tin (Sn) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.092
	Accuracy 92%
	Limit 0.0800 - 0.1200
dissolved Tin (Sn) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.093
	Accuracy 93%
	Limit 0.0700 - 0.1300
Iron (Fe) mg/L	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.08
	Accuracy 92%
	Limit 0.800 - 1.200
Dissolved Iron (Fe) mg/L	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.13
	Accuracy 87%
	Limit 0.800 - 1.200
Hydrocarbons (C10-C50) mg/L	Standard name MR-0.625mg/L
	Result 0.600
	Accuracy 96%
	Limit 0.438 - 0.813
Hydrocarbons (C10-C50) mg/L	Blank <0.1
	Standard name 200 ppm(2)
	Result 1.20
	Accuracy 96%
	Limit 0.88 - 1.63
Lithium (Li) mg/L	Blank <0.005
Dissolved Lithium (Li) mg/L	Blank <0.005

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Quality control Report

Lab number: V-66997

Sample name: ST-10/ST-MMER-2

Sampling date: August 21, 2017

Sampling location: ST-10 N 65 04.11.9 W 95 59.52.7

Sampling hour: 09:30

Parameter	
	Standard name DMR-0219-2017-Eu
	Result 0.892
	Accuracy 94.6%
	Limit 0.677 - 1.015
Total Suspended Solids mg/L	Blank <1
	Standard name STD-MES 25mg/L
	Result 24
	Accuracy 96%
	Limit 19 - 31
Magnesium (Mg) mg/L	Blank <0.02
	Standard name C00-046-705_X_1000
	Result 1.12
	Accuracy 88%
	Limit 0.800 - 1.200
Manganese (Mn) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1041
	Accuracy 95.9%
	Limit 0.0800 - 0.1200
Dissolved Manganese (Mn) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1034
	Accuracy 96.6%
	Limit 0.0800 - 0.1200
Mercury (Hg) mg/L	Blank <0.00001
	Standard name DMR-0343-2017-HgEu
	Result 0.00047
	Accuracy 67.1%
	Limit 0.00042 - 0.00098
Dissolved Mercury (Hg) mg/L	Blank <0.00001
	Standard name DMR-0343-2017-HgEu
	Result 0.00045
	Accuracy 64.3%
	Limit 0.00042 - 0.00098
Molybdenum (Mo) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0967
	Accuracy 96.7%
	Limit 0.0800 - 0.1200
Dissolved Molybdenum (Mo) mg/	Blank <0.0005

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Quality control Report

Lab number: V-66997

Sample name: ST-10/ST-MMER-2

Sampling date: August 21, 2017

Sampling location: ST-10 N 65 04.11.9 W 95 59.52.7

Sampling hour: 09:30

Parameter	
	Standard name C00-046-705_X_1000
	Result 0.0996
	Accuracy 99.6%
	Limit 0.0800 - 0.1200
Ammonia NH3 (non-ionized) mg	Blank <0.01
Nickel (Ni) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1055
	Accuracy 94.5%
	Limit 0.0800 - 0.1200
Dissolved Nickel (Ni) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1104
	Accuracy 89.6%
	Limit 0.0800 - 0.1200
Nitrate (NO3) mg N/L	Blank <0.01
Nitrite (NO2) mg N/L	Blank <0.01
	Standard name DMR-0417-2017-NO2
	Result 2.73
	Accuracy 99.3%
	Limit 2.30 - 3.12
Ortho-Phosphate (O-PO4) mg P/	Blank <0.01
	Standard name DMR-0417-2017-OPO4
	Result 2.82
	Accuracy 88.4%
	Limit 2.81 - 3.57
Total Phosphorus (P) mg P/L	Blank <0.01
	Standard name DMR-0417-2017-Ptotal
	Result 1.12
	Accuracy 98.2%
	Limit 1.00 - 1.28
Lead (Pb) mg/L	Blank <0.0003
	Standard name C00-046-705_X_1000
	Result 0.0874
	Accuracy 87.4%
	Limit 0.0800 - 0.1200
Dissolved Lead (Pb) mg/L	Blank <0.0003
	Standard name C00-046-705_X_1000
	Result 0.0956
	Accuracy 95.6%

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Quality control Report

Lab number: V-66997

Sample name: ST-10/ST-MMER-2

Sampling date: August 21, 2017

Sampling location: ST-10 N 65 04.11.9 W 95 59.52.7

Sampling hour: 09:30

Parameter	
Potassium (K) mg/L	Limit 0.0800 - 0.1200 Blank <0.05 Standard name C00-046-705_X_1000 Result 0.97 Accuracy 97%
Selenium (Se) mg/L	Limit 0.800 - 1.200 Blank <0.001 Standard name C00-046-705_X_1000 Result 0.097 Accuracy 97%
Dissolved Selenium (Se) mg/L	Limit 0.0800 - 0.1200 Blank <0.001 Standard name C00-046-705_X_1000 Result 0.111 Accuracy 89%
Sodium (Na) mg/L	Limit 0.0800 - 0.1200 Blank <0.05 Standard name C00-046-705_X_1000 Result 1.03 Accuracy 97%
Strontium (Sr) mg/L	Limit 0.800 - 1.200 Blank <0.005
dissolved Strontium (Sr) mg/L	Blank <0.005 Standard name DMR-0219-2017-Eu Result 1.42 Accuracy 84.6%
Thallium (Tl) mg/L	Limit 0.98 - 1.48 Blank <0.0008
Dissolved thallium (Tl) mg/L	Blank <0.0008 Standard name TI-S140909023-1000ppm Result 1070 Accuracy 93%
Titanium (Ti) mg/L	Limit 800 - 1200 Blank <0.01
Dissolved titanium (Ti) mg/L	Blank <0.01
Uranium (U) mg/L	Blank <0.001 Standard name C00-046-705_X_1000 Result 0.090 Accuracy 90% Limit 0.0800 - 0.1200

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Quality control Report

Lab number: V-66997

Sample name: ST-10/ST-MMER-2

Sampling date: August 21, 2017

Sampling location: ST-10 N 65 04.11.9 W 95 59.52.7

Sampling hour: 09:30

Parameter

Dissolved Uranium (U) mg/L Blank <0.001
Standard name C00-046-705_X_1000
Result 0.107
Accuracy 93%
Limit 0.0800 - 0.1200

Vanadium (V) mg/L Blank <0.0005
Standard name C00-046-705_X_1000
Result 0.1066
Accuracy 93.4%
Limit 0.0800 - 0.1200

Dissolved Vanadium mg/L Blank <0.0005
Standard name C00-046-705_X_1000
Result 0.0999
Accuracy 99.9%
Limit 0.0800 - 0.1200

Zinc (Zn) mg/L Blank <0.001
Standard name C00-046-705_X_1000
Result 0.100
Accuracy 100%
Limit 0.0800 - 0.1200

Dissolved Zinc mg/L Blank <0.001
Standard name C00-046-705_X_1000
Result 0.113
Accuracy 87%
Limit 0.0800 - 0.1200

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Additional information

Lab number: V-66997

Sample name: ST-10/ST-MMER-2

Sampling location: ST-10 N 65 04.11.9 W 95 59.52.7

Sampling date: August 21, 2017

Sampling hour: 09:30

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-NH3-2.0	MA.300-N 2.0
M-CL-2.0	MA.300-Ions 1.3
M-CN-1.0	MA.300-CN 1.2
M-HYD-2.0	MA.400-HYD. 1.1
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-P-2.0	MA.303-P 1.1
M-P-3.0	MA. 315-P 2.0
M-SULF-2.0	MA.300-Ions 1.3

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-67089

Sampling location: Dogleg North KIA DUP

Sampling date: August 22, 2017

Sample name: Dogleg North KIA DUP

Sampling hour: 14:30

Sampled by: Fanny L. Isabelle C.

Date received: August 24, 2017

Matrix: Water

Drinking water distribution:

Reported on: September 13, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

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Analytical Report

Lab number: V-67089

Sample name: Dogleg North KIA DUP

Sampling date: August 22, 2017

Sampling location: Dogleg North KIA DUP

Sampling hour: 14:30

Parameter	Result	Method name	Analysis date
Alkalinity	44 mg CaCO ₃ /L	M-TIT-1.0	August 24, 2017
Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Antimony (Sb)	<0.0001 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Antimony (Sb)	<0.0001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	<0.05 mg N/L	Sous-traitance\H2Lab inc. (SAM)	August 25, 2017
Kjeldahl nitrogen	0.55 mg N/L	Sous-traitance\H2Lab inc. (SAM)	August 25, 2017
Barium (Ba)	0.0045 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Barium (Ba)	0.0043 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
bicarbonate (HCO ₃)	44 mg CaCO ₃ /L	M-TIT-1.0	August 24, 2017
Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Bromides	<0.01 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Calcium (Ca)	9.66 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Carbonate (CO ₃)	<2 mg CaCO ₃ /L	M-TIT-1.0	August 24, 2017
Dissolved Organic Carbon (D.O.C.)	4.3 mg/L	M-COT-1.0	August 24, 2017
Total Organic Carbon (T.O.C.)	4.3 mg/L	M-COT-1.0	August 24, 2017
Chlorophyll A	1.7 µg/L	Sous-traitance\H2Lab inc. (SAM)	September 05, 2017
Chloride	4.4 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Chrome (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Chromium (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Cobalt (Co)	0.0009 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Cobalt (Co)	0.0007 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Conductivity	109 µmhos/cm	M-TIT-1.0	August 24, 2017
Colour	14 Colour units	Sous-traitance\Multilab Direct	August 25, 2017
Copper (Cu)	0.0010 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Copper (Cu)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Cyanide W.A.D.	0.008 mg/L	Sous-traitance\Multilab Direct	September 01, 2017
Total Cyanide (CNT)	0.012 mg/L	Sous-traitance\Multilab Direct	September 01, 2017
Hardness	38 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	September 08, 2017
Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
dissolved Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017

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Analytical Report

Lab number: V-67089

Sample name: Dogleg North KIA DUP

Sampling date: August 22, 2017

Sampling location: Dogleg North KIA DUP

Sampling hour: 14:30

Parameter	Result	Method name	Analysis date
Iron (Fe)	0.51 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Iron (Fe)	0.09 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Fluoride (F)	0.12 mg/L	Sous-traitance\Multilab Direct	September 01, 2017
Lithium (Li)	0.211 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Dissolved Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Total Suspended Solids	5 mg/L	M-SOLI-1.0	August 25, 2017
Magnesium (Mg)	3.42 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Magnesium (Mg)	4.92 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Manganese (Mn)	0.0420 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Manganese (Mn)	0.0635 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Mercury (Hg)	0.00004 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Dissolved Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Molybdenum (Mo)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Molybdenum (Mo)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Ammonia NH3 (non-ionized)	<0.05 mg N/L	Sous-traitance\H2Lab inc. (SAM)	September 12, 2017
Nickel (Ni)	0.0020 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Nickel (Ni)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Nitrate (NO3)	0.01 mg N/L	Sous-traitance\Multilab Direct	August 30, 2017
Nitrite (NO2)	<0.01 mg N/L	Sous-traitance\Multilab Direct	August 30, 2017
Ortho-Phosphate (O-PO4)	<0.01 mg P/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved oxygen	10.2 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
pH	7.19	M-TIT-1.0	August 24, 2017
Total Phosphorus (P) (Trace)	6.4 µg P/L	Sous-traitance\H2Lab inc. (SAM)	August 25, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Potassium (K)	1.25 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Reactive silica (SiO2)	0.70 mg/L	Sous-traitance\Maxxam	August 29, 2017
Sodium (Na)	2.76 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Solids	73 mg/L	M-TIT-1.0	August 24, 2017
Strontium (Sr)	0.044 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
dissolved Strontium (Sr)	0.039 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Sulfate (SO4)	23.2 mg SO4/L	Sous-traitance\Multilab Direct	August 31, 2017
Tellurium (Te)	0.0007 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Dissolved thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Thiocyanate (SCN)	<0.05 mg SCN/L	Sous-traitance\Multilab Direct	August 30, 2017
Thiosulfates (S2O3)	<0.02 mg S2O3/L	Sous-traitance\Multilab Direct	September 05, 2017
Titanium (Ti)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 08, 2017

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Analytical Report

Lab number: V-67089

Sample name: Dogleg North KIA DUP

Sampling date: August 22, 2017

Sampling location: Dogleg North KIA DUP

Sampling hour: 14:30

Parameter	Result	Method name	Analysis date
Dissolved titanium (Ti)	0.01 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Turbidity	2.28 NTU	Sous-traitance\Multilab Direct	August 25, 2017
Uranium (U)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Uranium (U)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Vanadium (V)	0.0027 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Vanadium	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Zinc (Zn)	0.002 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Zinc	<0.001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017

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Detection limit

Lab number: V-67089

Sample name: Dogleg North KIA DUP

Sampling date: August 22, 2017

Sampling location: Dogleg North KIA DUP

Sampling hour: 14:30

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO ₃ /L	M-TIT-1.0	
Aluminium (Al)	0.003	mg/L	Sous-traitance	
Dissolved Aluminium (Al)	0.006	mg/L	Sous-traitance	
Antimony (Sb)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Antimony (Sb)	0.0001	mg/L	Sous-traitance	
Silver (Ag)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Silver (Ag)	0.0001	mg/L	Sous-traitance	
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Arsenic (As)	0.0005	mg/L	Sous-traitance	
Kjeldahl nitrogen	0.05	mg N/L	Sous-traitance	
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Barium (Ba)	0.0005	mg/L	Sous-traitance	
Beryllium (Be)	0.0005	mg/L	Sous-traitance	
Dissolved Beryllium (Be)	0.0005	mg/L	Sous-traitance	
bicarbonate (HCO ₃)	2	mg CaCO ₃ /L	M-TIT-1.0	
Boron (B)	0.01	mg/L	Sous-traitance	Yes
Dissolved Boron (B)	0.006	mg/L	Sous-traitance	
Bromides	0.01	mg/L	Sous-traitance	
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Dissolved Cadmium (Cd)	0.00002	mg/L	Sous-traitance	
Calcium (Ca)	0.03	mg/L	Sous-traitance	Yes
Carbonate (CO ₃)	2	mg CaCO ₃ /L	M-TIT-1.0	
Dissolved Organic Carbon (D.O.C.)	0.2	mg/L	M-COT-1.0	--
Total Organic Carbon (T.O.C.)	0.2	mg/L	M-COT-1.0	Yes
Chlorophyll A	0.13	µg/L	Sous-traitance	
Chloride	0.5	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Dissolved Chromium (Cr)	0.0006	mg/L	Sous-traitance	
Cobalt (Co)	0.0005	mg/L	Sous-traitance	
Dissolved Cobalt (Co)	0.0005	mg/L	Sous-traitance	
Conductivity	1	µmhos/cm	M-TIT-1.0	Yes
Colour	1	UCV	Sous-traitance	Yes
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Copper (Cu)	0.0005	mg/L	Sous-traitance	
Cyanide W.A.D.	0.001	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO ₃ /L	Sous-traitance	
Tin (Sn)	0.001	mg/L	Sous-traitance	Yes
dissolved Tin (Sn)	0.001	mg/L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes

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Detection limit

Lab number: V-67089

Sample name: Dogleg North KIA DUP

Sampling date: August 22, 2017

Sampling location: Dogleg North KIA DUP

Sampling hour: 14:30

Parameter	Value	Unit	Method	Accreditation
Dissolved Iron (Fe)	0.01	mg/L	Sous-traitance	
Fluoride (F)	0.02	mg/L	Sous-traitance	Yes
Lithium (Li)	0.005	mg/L	Sous-traitance	
Dissolved Lithium (Li)	0.005	mg/L	Sous-traitance	
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Magnesium (Mg)	0.02	mg/L	Sous-traitance	Yes
Dissolved Magnesium (Mg)	0.02	mg/L	Sous-traitance	
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Manganese (Mn)	0.0005	mg/L	Sous-traitance	
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Dissolved Mercury (Hg)	0.00001	mg/L	Sous-traitance	
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Nickel (Ni)	0.0005	mg/L	Sous-traitance	
Nitrate (NO3)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO2)	0.01	mg N/L	Sous-traitance	Yes
Ortho-Phosphate (O-PO4)	0.01	mg P/L	Sous-traitance	Yes
Dissolved oxygen	0.1	mg/L	Sous-traitance	
pH			M-TIT-1.0	Yes
Total Phosphorus (P) (Trace)	1.9	µg P/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Dissolved Lead (Pb)	0.0003	mg/L	Sous-traitance	
Potassium (K)	0.05	mg/L	Sous-traitance	
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Dissolved Selenium (Se)	0.001	mg/L	Sous-traitance	
Reactive silica (SiO2)		mg/L	Sous-traitance	
Sodium (Na)	0.05	mg/L	Sous-traitance	Yes
Dissolved Solids	1	mg/L	M-TIT-1.0	
Strontium (Sr)	0.005	mg/L	Sous-traitance	
dissolved Strontium (Sr)	0.005	mg/L	Sous-traitance	
Sulfate (SO4)	0.6	mg SO4/L	Sous-traitance	Yes
Tellurium (Te)	0.0005	mg/L	Sous-traitance	
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Dissolved thallium (Tl)	0.0008	mg/L	Sous-traitance	
Thiocyanate (SCN)	0.05	mg SCN/L	Sous-traitance	Yes
Thiosulfates (S2O3)	0.02	mg S2O3/L	Sous-traitance	Yes
Titanium (Ti)	0.01	mg/L	Sous-traitance	
Dissolved titanium (Ti)	0.01	mg/L	Sous-traitance	
Turbidity	0.02	UTN	Sous-traitance	Yes

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Detection limit

Lab number: V-67089

Sample name: Dogleg North KIA DUP

Sampling date: August 22, 2017

Sampling location: Dogleg North KIA DUP

Sampling hour: 14:30

Parameter	Value	Unit	Method	Accreditation
Uranium (U)	0.001	mg/L	Sous-traitance	
Dissolved Uranium (U)	0.001	mg/L	Sous-traitance	
Vanadium (V)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Vanadium	0.0005	mg/L	Sous-traitance	
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes
Dissolved Zinc	0.001	mg/L	Sous-traitance	

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Quality control Report

Lab number: V-67089

Sample name: Dogleg North KIA DUP

Sampling date: August 22, 2017

Sampling location: Dogleg North KIA DUP

Sampling hour: 14:30

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 155 Accuracy 93.1% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006
	Standard name C00-046-705_X_1000 Result 0.933 Accuracy 93.3% Limit 0.800 - 1.200
Dissolved Aluminium (Al) mg/L	Blank <0.006
	Standard name C00-046-705_X_1000 Result 1.19 Accuracy 81% Limit 0.800 - 1.200
Antimony (Sb) mg/L	Blank <0.0001
	Standard name C00-046-705_X_1000 Result 0.0103 Accuracy 97% Limit 0.0080 - 0.0120
Dissolved Antimony (Sb) mg/L	Blank <0.0001
	Standard name C00-046-705_X_1000 Result 0.0112 Accuracy 88% Limit 0.0080 - 0.0120
Silver (Ag) mg/L	Blank <0.0001
Dissolved Silver (Ag) mg/L	Blank <0.0001
	Standard name DMR-0343-2017-Ag Result 0.6549 Accuracy 81.7% Limit 0.642 - 0.962
Arsenic (As) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000 Result 0.0904 Accuracy 90.4% Limit 0.0700 - 0.1300
Dissolved Arsenic (As) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000 Result 0.1019 Accuracy 98.1% Limit 0.0800 - 0.1200

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Quality control Report

Lab number: V-67089

Sample name: Dogleg North KIA DUP

Sampling date: August 22, 2017

Sampling location: Dogleg North KIA DUP

Sampling hour: 14:30

Parameter	
Barium (Ba) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0935 Accuracy 93.5% Limit 0.0800 - 0.1200
Dissolved Barium (Ba) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1021 Accuracy 97.9% Limit 0.0800 - 0.1200
Beryllium (Be) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0956 Accuracy 95.6% Limit 0.0800 - 0.1200
Dissolved Beryllium (Be) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1165 Accuracy 83.5% Limit 0.0800 - 0.1200
Boron (B) mg/L	Blank <0.01 Standard name C00-046-705_X_1000 Result 0.99 Accuracy 99% Limit 0.800 - 1.200
Dissolved Boron (B) mg/L	Blank <0.01 Standard name C00-046-705_X_1000 Result 1.15 Accuracy 85% Limit 0.800 - 1.200
Bromides mg/L	Blank <0.01 Standard name DMR-0119-2017-Br Result 5.20 Accuracy 92.4% Limit 4.50 - 6.76
Cadmium (Cd) mg/L	Blank <0.00002 Standard name C00-046-705_X_1000 Result 0.09157 Accuracy 91.6% Limit 0.0800 - 0.1200

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Quality control Report

Lab number: V-67089

Sample name: Dogleg North KIA DUP

Sampling date: August 22, 2017

Sampling location: Dogleg North KIA DUP

Sampling hour: 14:30

Parameter

Dissolved Cadmium (Cd) mg/L Blank <0.00002
Standard name C00-046-705_X_1000
Result 0.11683
Accuracy 83.2%
Limit 0.0800 - 0.1200

Calcium (Ca) mg/L Blank <0.03
Standard name C00-046-705_X_1000
Result 0.89
Accuracy 89%
Limit 0.800 - 1.200

Dissolved Organic Carbon (D.O.C.) mg/L Blank <0.2
Standard name COD 10mg/L
Result 11
Accuracy 90%
Limit 8 - 12

Total Organic Carbon (T.O.C.) mg/L Blank <0.2
Standard name COT 10mg/L
Result 11
Accuracy 90%
Limit 8 - 12

Chloride mg/L Blank <0.5
Standard name DMR-0417-2017-Cl
Result 112
Accuracy 96.3%
Limit 95 - 121

Chrome (Cr) mg/L Blank <0.0006
Standard name C00-046-705_X_1000
Result 0.0963
Accuracy 96.3%
Limit 0.0800 - 0.1200

Dissolved Chromium (Cr) mg/L Blank <0.0006
Standard name C00-046-705_X_1000
Result 0.1160
Accuracy 84%
Limit 0.0800 - 0.1200

Cobalt (Co) mg/L Blank <0.0005
Standard name C00-046-705_X_1000
Result 0.0927
Accuracy 92.7%
Limit 0.0800 - 0.1200

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Quality control Report

Lab number: V-67089

Sample name: Dogleg North KIA DUP

Sampling date: August 22, 2017

Sampling location: Dogleg North KIA DUP

Sampling hour: 14:30

Parameter	
Dissolved Cobalt (Co) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1127 Accuracy 87.3% Limit 0.0800 - 0.1200
Conductivity µmhos/cm	Standard name STD cond maison Result 1406 Accuracy 99.4% Limit 1203 - 1627
Colour UCV	Blank <1 Standard name DMR-0417-2017-Coul Result 89 Accuracy 97.7% Limit 67 - 107
Copper (Cu) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0982 Accuracy 98.2% Limit 0.0800 - 0.1200
Dissolved Copper (Cu) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1142 Accuracy 85.8% Limit 0.0800 - 0.1200
Cyanide W.A.D. mg/L	Blank <0.001 Standard name DMR-0343-CN Result 0.928 Accuracy 94.9% Limit 0.751 - 1.015
Total Cyanide (CNT) mg/L	Blank <0.001 Standard name DMR-0343-CN Result 1.26 Accuracy 93.2% Limit 1.003 - 1.357
Tin (Sn) mg/L	Blank <0.001 Standard name DMR-0310-2016-Sn Result 8.03 Accuracy 88.5% Limit 7.26 - 10.88
dissolved Tin (Sn) mg/L	Blank <0.001

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Quality control Report

Lab number: V-67089

Sample name: Dogleg North KIA DUP

Sampling date: August 22, 2017

Sampling location: Dogleg North KIA DUP

Sampling hour: 14:30

Parameter	
	Standard name DMR-0310-2016-Sn
	Result 6.45
	Accuracy 71.1%
	Limit 6.35 - 11.79
Iron (Fe) mg/L	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.08
	Accuracy 92%
	Limit 0.800 - 1.200
Dissolved Iron (Fe) mg/L	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.20
	Accuracy 80%
	Limit 0.800 - 1.200
Fluoride (F) mg/L	Blank <0.02
	Standard name DMR-0417-2017-F
	Result 2.29
	Accuracy 99.6%
	Limit 2.13 - 2.47
Lithium (Li) mg/L	Blank <0.005
Dissolved Lithium (Li) mg/L	Blank <0.005
Total Suspended Solids mg/L	Blank <1
	Standard name STD-MES 25mg/L
	Result 27
	Accuracy 92%
	Limit 19 - 31
Magnesium (Mg) mg/L	Blank <0.02
	Standard name C00-046-705_X_1000
	Result 0.98
	Accuracy 98%
	Limit 0.800 - 1.200
Dissolved Magnesium (Mg) mg/L	Blank <0.02
	Standard name C00-046-705_X_1000
	Result 1.18
	Accuracy 82%
	Limit 0.800 - 1.200
Manganese (Mn) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0918
	Accuracy 91.8%

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Quality control Report

Lab number: V-67089

Sample name: Dogleg North KIA DUP

Sampling date: August 22, 2017

Sampling location: Dogleg North KIA DUP

Sampling hour: 14:30

Parameter		
Dissolved Manganese (Mn) mg/L	Limit 0.0800 - 0.1200	
	Blank <0.0005	
	Standard name C00-046-705_X_1000	
	Result 0.1156	
	Accuracy 84.4%	
Mercury (Hg) mg/L	Limit 0.0800 - 0.1200	
	Blank <0.00001	
	Standard name DMR-0343-2017-HgEu	
	Result 0.00050	
	Accuracy 71.4%	
Dissolved Mercury (Hg) mg/L	Limit 0.00042 - 0.00098	
	Blank <0.00001	
	Molybdenum (Mo) mg/L	Blank <0.0005
		Standard name C00-046-705_X_1000
	Result 0.0861	
Accuracy 86.1%		
Dissolved Molybdenum (Mo) mg/L	Limit 0.0800 - 0.1200	
	Blank <0.0005	
	Standard name C00-046-705_X_1000	
	Result 0.1103	
	Accuracy 89.7%	
Nickel (Ni) mg/L	Limit 0.0800 - 0.1200	
	Blank <0.0005	
	Standard name C00-046-705_X_1000	
	Result 0.0963	
	Accuracy 96.3%	
Dissolved Nickel (Ni) mg/L	Limit 0.0800 - 0.1200	
	Blank <0.0005	
	Standard name C00-046-705_X_1000	
	Result 0.1156	
	Accuracy 84.4%	
Nitrate (NO3) mg N/L	Limit 0.0800 - 0.1200	
	Blank <0.01	
Nitrite (NO2) mg N/L	Blank <0.01	
	Standard name DMR-0417-2017-NO2	
Result 2.71		
Accuracy 100%		
Ortho-Phosphate (O-PO4) mg P/	Limit 2.30 - 3.12	
	Blank <0.01	
	Standard name DMR-0417-2017-OPO4	

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Quality control Report

Lab number: V-67089

Sample name: Dogleg North KIA DUP

Sampling date: August 22, 2017

Sampling location: Dogleg North KIA DUP

Sampling hour: 14:30

Parameter	
pH	Result 2.82
	Accuracy 88.4%
	Limit 2.81 - 3.57
	Standard name STD pH 7.0
	Result 7.00
Lead (Pb) mg/L	Accuracy 100%
	Limit 6.96 - 7.04
	Blank <0.0003
	Standard name C00-046-705_X_1000
	Result 0.0848
Dissolved Lead (Pb) mg/L	Accuracy 84.8%
	Limit 0.0800 - 0.1200
	Blank <0.0003
	Standard name C00-046-705_X_1000
	Result 0.0919
Potassium (K) mg/L	Accuracy 91.9%
	Limit 0.0800 - 0.1200
	Blank <0.05
	Standard name C00-046-705_X_1000
	Result 0.89
Selenium (Se) mg/L	Accuracy 89%
	Limit 0.800 - 1.200
	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.091
Dissolved Selenium (Se) mg/L	Accuracy 91%
	Limit 0.0800 - 0.1200
	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.113
Sodium (Na) mg/L	Accuracy 87%
	Limit 0.0800 - 0.1200
	Blank <0.05
	Standard name C00-046-705_X_1000
	Result 0.89
Strontium (Sr) mg/L	Accuracy 89%
	Limit 0.800 - 1.200
dissolved Strontium (Sr) mg/L	Blank <0.005
Sulfate (SO4) mg SO4/L	Blank <0.6

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Quality control Report

Lab number: V-67089

Sample name: Dogleg North KIA DUP

Sampling date: August 22, 2017

Sampling location: Dogleg North KIA DUP

Sampling hour: 14:30

Parameter	
	Standard name DMR-0417-2017-SO4
	Result 116
	Accuracy 94.3%
	Limit 114 - 132
Tellurium (Te) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0967
	Accuracy 96.7%
	Limit 0.0800 - 0.1200
Thallium (Tl) mg/L	Blank <0.0008
Dissolved thallium (Tl) mg/L	Blank <0.0008
Thiocyanate (SCN) mg SCN/L	Blank <0.05
	Standard name STD SCN 568ppm
	Result 593
	Accuracy 95.6%
	Limit 398 - 738
Thiosulfates (S2O3) mg S2O3/L	Blank <0.02
	Standard name S2O3-225ppm
	Result 212
	Accuracy 94.2%
	Limit 158 - 293
Titanium (Ti) mg/L	Blank <0.01
Dissolved titanium (Ti) mg/L	Blank <0.01
Turbidity UTN	Standard name DMR-0417-2017-Turb
	Result 4.60
	Accuracy 88.6%
	Limit 4.41 - 5.97
Uranium (U) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.093
	Accuracy 93%
	Limit 0.0800 - 0.1200
Dissolved Uranium (U) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.113
	Accuracy 87%
	Limit 0.0800 - 0.1200
Vanadium (V) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0935

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Quality control Report

Lab number: V-67089

Sample name: Dogleg North KIA DUP

Sampling date: August 22, 2017

Sampling location: Dogleg North KIA DUP

Sampling hour: 14:30

Parameter

Dissolved Vanadium mg/L
Accuracy 93.5%
Limit 0.0800 - 0.1200
Blank <0.0005
Standard name C00-046-705_X_1000
Result 0.1170

Zinc (Zn) mg/L
Accuracy 83%
Limit 0.0800 - 0.1200
Blank <0.001
Standard name C00-046-705_X_1000
Result 0.094

Dissolved Zinc mg/L
Accuracy 94%
Limit 0.0800 - 0.1200
Blank <0.001
Standard name C00-046-705_X_1000
Result 0.107

Accuracy 93%
Limit 0.0800 - 0.1200

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Additional information

Lab number: V-67089

Sample name: Dogleg North KIA DUP

Sampling location: Dogleg North KIA DUP

Sampling date: August 22, 2017

Sampling hour: 14:30

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-CL-2.0	MA.300-Ions 1.3
M-COUL-1.0	MA.103-Col. 2.0
M-CN-1.0	MA.300-CN 1.2
M-CI-1.0	MA.300-Anions 1.0
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-P-2.0	MA.303-P 1.1
M-SULF-2.0	MA.300-Ions 1.3
M-TURB-1.0	MA.103-Tur. 1.0

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-67088

Sampling location: Dogleg North KIA

Sampling date: August 22, 2017

Sample name: Dogleg North KIA

Sampling hour: 14:30

Sampled by: Fanny L. Isabelle C.

Date received: August 24, 2017

Matrix: Water

Drinking water distribution:

Reported on: September 13, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

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Analytical Report

Lab number: V-67088

Sample name: Dogleg North KIA

Sampling date: August 22, 2017

Sampling location: Dogleg North KIA

Sampling hour: 14:30

Parameter	Result	Method name	Analysis date
Alkalinity	49 mg CaCO ₃ /L	M-TIT-1.0	August 24, 2017
Aluminium (Al)	0.017 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Antimony (Sb)	0.0001 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Antimony (Sb)	<0.0001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	<0.05 mg N/L	Sous-traitance\H2Lab inc. (SAM)	August 25, 2017
Kjeldahl nitrogen	0.59 mg N/L	Sous-traitance\H2Lab inc. (SAM)	August 25, 2017
Barium (Ba)	0.0086 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Barium (Ba)	0.0046 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
bicarbonate (HCO ₃)	49 mg CaCO ₃ /L	M-TIT-1.0	August 24, 2017
Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Bromides	0.04 mg/L	Sous-traitance\Multilab Direct	September 12, 2017
Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Calcium (Ca)	9.81 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Carbonate (CO ₃)	<2 mg CaCO ₃ /L	M-TIT-1.0	August 24, 2017
Dissolved Organic Carbon (D.O.C.)	4.4 mg/L	M-COT-1.0	August 24, 2017
Total Organic Carbon (T.O.C.)	4.4 mg/L	M-COT-1.0	August 24, 2017
Chlorophyll A	2.1 µg/L	Sous-traitance\H2Lab inc. (SAM)	September 05, 2017
Chloride	4.4 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Chrome (Cr)	0.0008 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Chromium (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Cobalt (Co)	0.0009 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Cobalt (Co)	0.0006 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Conductivity	109 µmhos/cm	M-TIT-1.0	August 24, 2017
Colour	13 Colour units	Sous-traitance\Multilab Direct	August 25, 2017
Copper (Cu)	0.0010 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Copper (Cu)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Cyanide W.A.D.	0.009 mg/L	Sous-traitance\Multilab Direct	September 01, 2017
Total Cyanide (CNT)	0.017 mg/L	Sous-traitance\Multilab Direct	September 01, 2017
Hardness	38 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	September 08, 2017
Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
dissolved Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017

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Analytical Report

Lab number: V-67088

Sample name: Dogleg North KIA

Sampling date: August 22, 2017

Sampling location: Dogleg North KIA

Sampling hour: 14:30

Parameter	Result	Method name	Analysis date
Iron (Fe)	0.65 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Iron (Fe)	0.08 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Fluoride (F)	0.12 mg/L	Sous-traitance\Multilab Direct	September 01, 2017
Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	September 12, 2017
Dissolved Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Total Suspended Solids	4 mg/L	M-SOLI-1.0	August 25, 2017
Magnesium (Mg)	3.28 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Magnesium (Mg)	4.67 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Manganese (Mn)	0.0421 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Manganese (Mn)	0.0584 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Mercury (Hg)	0.00007 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Dissolved Mercury (Hg)	0.00005 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Molybdenum (Mo)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Molybdenum (Mo)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Ammonia NH3 (non-ionized)	<0.05 mg N/L	Sous-traitance\H2Lab inc. (SAM)	September 12, 2017
Nickel (Ni)	0.0016 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Nickel (Ni)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Nitrate (NO3)	0.01 mg N/L	Sous-traitance\Multilab Direct	August 30, 2017
Nitrite (NO2)	<0.01 mg N/L	Sous-traitance\Multilab Direct	August 30, 2017
Ortho-Phosphate (O-PO4)	<0.01 mg P/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved oxygen	9.7 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
pH	7.18	M-TIT-1.0	August 24, 2017
Total Phosphorus (P) (Trace)	6.8 µg P/L	Sous-traitance\H2Lab inc. (SAM)	August 25, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Potassium (K)	1.10 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Reactive silica (SiO2)	0.75 mg/L	Sous-traitance\Maxxam	August 29, 2017
Sodium (Na)	2.62 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Solids	73 mg/L	M-TIT-1.0	August 24, 2017
Strontium (Sr)	0.041 mg/L	Sous-traitance\Multilab Direct	September 12, 2017
dissolved Strontium (Sr)	0.043 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Sulfate (SO4)	20.4 mg SO4/L	Sous-traitance\Multilab Direct	August 31, 2017
Tellurium (Te)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	September 12, 2017
Dissolved thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Thiocyanate (SCN)	<0.05 mg SCN/L	Sous-traitance\Multilab Direct	August 30, 2017
Thiosulfates (S2O3)	<0.02 mg S2O3/L	Sous-traitance\Multilab Direct	September 05, 2017
Titanium (Ti)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 08, 2017

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Analytical Report

Lab number: V-67088

Sample name: Dogleg North KIA

Sampling date: August 22, 2017

Sampling location: Dogleg North KIA

Sampling hour: 14:30

Parameter	Result	Method name	Analysis date
Dissolved titanium (Ti)	0.01 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Turbidity	2.16 NTU	Sous-traitance\Multilab Direct	August 25, 2017
Uranium (U)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Uranium (U)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Vanadium (V)	0.0020 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Vanadium	0.0018 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Zinc (Zn)	0.003 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Zinc	<0.001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017

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Detection limit

Lab number: V-67088

Sample name: Dogleg North KIA

Sampling date: August 22, 2017

Sampling location: Dogleg North KIA

Sampling hour: 14:30

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO ₃ /L	M-TIT-1.0	
Aluminium (Al)	0.003	mg/L	Sous-traitance	
Dissolved Aluminium (Al)	0.006	mg/L	Sous-traitance	
Antimony (Sb)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Antimony (Sb)	0.0001	mg/L	Sous-traitance	
Silver (Ag)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Silver (Ag)	0.0001	mg/L	Sous-traitance	
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Arsenic (As)	0.0005	mg/L	Sous-traitance	
Kjeldahl nitrogen	0.05	mg N/L	Sous-traitance	
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Barium (Ba)	0.0005	mg/L	Sous-traitance	
Beryllium (Be)	0.0005	mg/L	Sous-traitance	
Dissolved Beryllium (Be)	0.0005	mg/L	Sous-traitance	
bicarbonate (HCO ₃)	2	mg CaCO ₃ /L	M-TIT-1.0	
Boron (B)	0.01	mg/L	Sous-traitance	Yes
Dissolved Boron (B)	0.006	mg/L	Sous-traitance	
Bromides	0.01	mg/L	Sous-traitance	
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Dissolved Cadmium (Cd)	0.00002	mg/L	Sous-traitance	
Calcium (Ca)	0.03	mg/L	Sous-traitance	Yes
Carbonate (CO ₃)	2	mg CaCO ₃ /L	M-TIT-1.0	
Dissolved Organic Carbon (D.O.C.)	0.2	mg/L	M-COT-1.0	--
Total Organic Carbon (T.O.C.)	0.2	mg/L	M-COT-1.0	Yes
Chlorophyll A	0.13	µg/L	Sous-traitance	
Chloride	0.5	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Dissolved Chromium (Cr)	0.0006	mg/L	Sous-traitance	
Cobalt (Co)	0.0005	mg/L	Sous-traitance	
Dissolved Cobalt (Co)	0.0005	mg/L	Sous-traitance	
Conductivity	1	µmhos/cm	M-TIT-1.0	Yes
Colour	1	UCV	Sous-traitance	Yes
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Copper (Cu)	0.0005	mg/L	Sous-traitance	
Cyanide W.A.D.	0.001	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO ₃ /L	Sous-traitance	
Tin (Sn)	0.001	mg/L	Sous-traitance	Yes
dissolved Tin (Sn)	0.001	mg/L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes

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Detection limit

Lab number: V-67088

Sample name: Dogleg North KIA

Sampling date: August 22, 2017

Sampling location: Dogleg North KIA

Sampling hour: 14:30

Parameter	Value	Unit	Method	Accreditation
Dissolved Iron (Fe)	0.01	mg/L	Sous-traitance	
Fluoride (F)	0.02	mg/L	Sous-traitance	Yes
Lithium (Li)	0.005	mg/L	Sous-traitance	
Dissolved Lithium (Li)	0.005	mg/L	Sous-traitance	
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Magnesium (Mg)	0.02	mg/L	Sous-traitance	Yes
Dissolved Magnesium (Mg)	0.02	mg/L	Sous-traitance	
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Manganese (Mn)	0.0005	mg/L	Sous-traitance	
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Dissolved Mercury (Hg)	0.00001	mg/L	Sous-traitance	
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Nickel (Ni)	0.0005	mg/L	Sous-traitance	
Nitrate (NO3)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO2)	0.01	mg N/L	Sous-traitance	Yes
Ortho-Phosphate (O-PO4)	0.01	mg P/L	Sous-traitance	Yes
Dissolved oxygen	0.1	mg/L	Sous-traitance	
pH			M-TIT-1.0	Yes
Total Phosphorus (P) (Trace)	1.9	µg P/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Dissolved Lead (Pb)	0.0003	mg/L	Sous-traitance	
Potassium (K)	0.05	mg/L	Sous-traitance	
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Dissolved Selenium (Se)	0.001	mg/L	Sous-traitance	
Reactive silica (SiO2)		mg/L	Sous-traitance	
Sodium (Na)	0.05	mg/L	Sous-traitance	Yes
Dissolved Solids	1	mg/L	M-TIT-1.0	
Strontium (Sr)	0.005	mg/L	Sous-traitance	
dissolved Strontium (Sr)	0.005	mg/L	Sous-traitance	
Sulfate (SO4)	0.6	mg SO4/L	Sous-traitance	Yes
Tellurium (Te)	0.0005	mg/L	Sous-traitance	
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Dissolved thallium (Tl)	0.0008	mg/L	Sous-traitance	
Thiocyanate (SCN)	0.05	mg SCN/L	Sous-traitance	Yes
Thiosulfates (S2O3)	0.02	mg S2O3/L	Sous-traitance	Yes
Titanium (Ti)	0.01	mg/L	Sous-traitance	
Dissolved titanium (Ti)	0.01	mg/L	Sous-traitance	
Turbidity	0.02	UTN	Sous-traitance	Yes

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Detection limit

Lab number: V-67088

Sample name: Dogleg North KIA

Sampling date: August 22, 2017

Sampling location: Dogleg North KIA

Sampling hour: 14:30

Parameter	Value	Unit	Method	Accreditation
Uranium (U)	0.001	mg/L	Sous-traitance	
Dissolved Uranium (U)	0.001	mg/L	Sous-traitance	
Vanadium (V)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Vanadium	0.0005	mg/L	Sous-traitance	
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes
Dissolved Zinc	0.001	mg/L	Sous-traitance	

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Quality control Report

Lab number: V-67088

Sample name: Dogleg North KIA

Sampling date: August 22, 2017

Sampling location: Dogleg North KIA

Sampling hour: 14:30

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 155 Accuracy 93.1% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006
	Standard name C00-046-705_X_1000 Result 0.933 Accuracy 93.3% Limit 0.800 - 1.200
Dissolved Aluminium (Al) mg/L	Blank <0.006
	Standard name C00-046-705_X_1000 Result 1.19 Accuracy 81% Limit 0.800 - 1.200
Antimony (Sb) mg/L	Blank <0.0001
	Standard name C00-046-705_X_1000 Result 0.0103 Accuracy 97% Limit 0.0080 - 0.0120
Dissolved Antimony (Sb) mg/L	Blank <0.0001
	Standard name C00-046-705_X_1000 Result 0.0112 Accuracy 88% Limit 0.0080 - 0.0120
Silver (Ag) mg/L	Blank <0.0001
Dissolved Silver (Ag) mg/L	Blank <0.0001
	Standard name DMR-0343-2017-Ag Result 0.6549 Accuracy 81.7% Limit 0.642 - 0.962
Arsenic (As) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000 Result 0.0904 Accuracy 90.4% Limit 0.0700 - 0.1300
Dissolved Arsenic (As) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000 Result 0.1019 Accuracy 98.1% Limit 0.0800 - 0.1200

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Quality control Report

Lab number: V-67088

Sample name: Dogleg North KIA

Sampling date: August 22, 2017

Sampling location: Dogleg North KIA

Sampling hour: 14:30

Parameter	
Barium (Ba) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0935 Accuracy 93.5% Limit 0.0800 - 0.1200
Dissolved Barium (Ba) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1021 Accuracy 97.9% Limit 0.0800 - 0.1200
Beryllium (Be) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0956 Accuracy 95.6% Limit 0.0800 - 0.1200
Dissolved Beryllium (Be) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1165 Accuracy 83.5% Limit 0.0800 - 0.1200
Boron (B) mg/L	Blank <0.01 Standard name C00-046-705_X_1000 Result 0.99 Accuracy 99% Limit 0.800 - 1.200
Dissolved Boron (B) mg/L	Blank <0.01 Standard name C00-046-705_X_1000 Result 1.15 Accuracy 85% Limit 0.800 - 1.200
Bromides mg/L	Blank <0.01 Standard name DMR-0119-2017-Br Result 5.52 Accuracy 98% Limit 4.50 - 6.76
Cadmium (Cd) mg/L	Blank <0.00002 Standard name C00-046-705_X_1000 Result 0.09157 Accuracy 91.6% Limit 0.0800 - 0.1200

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Quality control Report

Lab number: V-67088

Sample name: Dogleg North KIA

Sampling date: August 22, 2017

Sampling location: Dogleg North KIA

Sampling hour: 14:30

Parameter

Dissolved Cadmium (Cd) mg/L Blank <0.00002
Standard name C00-046-705_X_1000
Result 0.11683
Accuracy 83.2%
Limit 0.0800 - 0.1200

Calcium (Ca) mg/L Blank <0.03
Standard name C00-046-705_X_1000
Result 0.89
Accuracy 89%
Limit 0.800 - 1.200

Dissolved Organic Carbon (D.O.C.) mg/L Blank <0.2
Standard name COD 10mg/L
Result 11
Accuracy 90%
Limit 8 - 12

Total Organic Carbon (T.O.C.) mg/L Blank <0.2
Standard name COT 10mg/L
Result 11
Accuracy 90%
Limit 8 - 12

Chloride mg/L Blank <0.5
Standard name DMR-0417-2017-Cl
Result 112
Accuracy 96.3%
Limit 95 - 121

Chrome (Cr) mg/L Blank <0.0006
Standard name C00-046-705_X_1000
Result 0.0963
Accuracy 96.3%
Limit 0.0800 - 0.1200

Dissolved Chromium (Cr) mg/L Blank <0.0006
Standard name C00-046-705_X_1000
Result 0.1160
Accuracy 84%
Limit 0.0800 - 0.1200

Cobalt (Co) mg/L Blank <0.0005
Standard name C00-046-705_X_1000
Result 0.0927
Accuracy 92.7%
Limit 0.0800 - 0.1200

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Quality control Report

Lab number: V-67088

Sample name: Dogleg North KIA

Sampling location: Dogleg North KIA

Sampling date: August 22, 2017

Sampling hour: 14:30

Parameter	
Dissolved Cobalt (Co) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1127 Accuracy 87.3% Limit 0.0800 - 0.1200
Conductivity µmhos/cm	Standard name STD cond maison Result 1406 Accuracy 99.4% Limit 1203 - 1627
Colour UCV	Blank <1 Standard name DMR-0417-2017-Coul Result 89 Accuracy 97.7% Limit 67 - 107
Copper (Cu) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0982 Accuracy 98.2% Limit 0.0800 - 0.1200
Dissolved Copper (Cu) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1142 Accuracy 85.8% Limit 0.0800 - 0.1200
Cyanide W.A.D. mg/L	Blank <0.001 Standard name DMR-0343-CN Result 0.928 Accuracy 94.9% Limit 0.751 - 1.015
Total Cyanide (CNt) mg/L	Blank <0.001 Standard name DMR-0343-CN Result 1.26 Accuracy 93.2% Limit 1.003 - 1.357
Tin (Sn) mg/L	Blank <0.001 Standard name DMR-0310-2016-Sn Result 8.03 Accuracy 88.5% Limit 7.26 - 10.88
dissolved Tin (Sn) mg/L	Blank <0.001

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Quality control Report

Lab number: V-67088

Sample name: Dogleg North KIA

Sampling date: August 22, 2017

Sampling location: Dogleg North KIA

Sampling hour: 14:30

Parameter	
	Standard name DMR-0310-2016-Sn
	Result 6.45
	Accuracy 71.1%
	Limit 6.35 - 11.79
Iron (Fe) mg/L	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.08
	Accuracy 92%
	Limit 0.800 - 1.200
Dissolved Iron (Fe) mg/L	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.20
	Accuracy 80%
	Limit 0.800 - 1.200
Fluoride (F) mg/L	Blank <0.02
	Standard name DMR-0417-2017-F
	Result 2.29
	Accuracy 99.6%
	Limit 2.13 - 2.47
	Sample duplicate 0.12-0.13
Lithium (Li) mg/L	Blank <0.005
Dissolved Lithium (Li) mg/L	Blank <0.005
Total Suspended Solids mg/L	Blank <1
	Standard name STD-MES 25mg/L
	Result 27
	Accuracy 92%
	Limit 19 - 31
	Sample duplicate 4-5
Magnesium (Mg) mg/L	Blank <0.02
	Standard name C00-046-705_X_1000
	Result 0.98
	Accuracy 98%
	Limit 0.800 - 1.200
Dissolved Magnesium (Mg) mg/L	Blank <0.02
	Standard name C00-046-705_X_1000
	Result 1.18
	Accuracy 82%
	Limit 0.800 - 1.200
Manganese (Mn) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000

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Quality control Report

Lab number: V-67088

Sample name: Dogleg North KIA

Sampling date: August 22, 2017

Sampling location: Dogleg North KIA

Sampling hour: 14:30

Parameter	
	Result 0.0918
	Accuracy 91.8%
	Limit 0.0800 - 0.1200
Dissolved Manganese (Mn) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1156
	Accuracy 84.4%
	Limit 0.0800 - 0.1200
Mercury (Hg) mg/L	Blank <0.00001
	Standard name DMR-0343-2017-HgEu
	Result 0.00050
	Accuracy 71.4%
	Limit 0.00042 - 0.00098
Dissolved Mercury (Hg) mg/L	Blank <0.00001
Molybdenum (Mo) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0861
	Accuracy 86.1%
	Limit 0.0800 - 0.1200
Dissolved Molybdenum (Mo) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1103
	Accuracy 89.7%
	Limit 0.0800 - 0.1200
Nickel (Ni) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0963
	Accuracy 96.3%
	Limit 0.0800 - 0.1200
Dissolved Nickel (Ni) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1156
	Accuracy 84.4%
	Limit 0.0800 - 0.1200
Nitrate (NO ₃) mg N/L	Blank <0.01
Nitrite (NO ₂) mg N/L	Blank <0.01
	Standard name DMR-0417-2017-NO2
	Result 2.71
	Accuracy 100%
	Limit 2.30 - 3.12

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Quality control Report

Lab number: V-67088

Sample name: Dogleg North KIA

Sampling location: Dogleg North KIA

Sampling date: August 22, 2017

Sampling hour: 14:30

Parameter	
Ortho-Phosphate (O-PO4) mg P/	Blank <0.01
	Standard name DMR-0417-2017-OPO4
	Result 2.82
	Accuracy 88.4%
	Limit 2.81 - 3.57
pH	Standard name STD pH 7.0
	Result 7.00
	Accuracy 100%
	Limit 6.96 - 7.04
Lead (Pb) mg/L	Blank <0.0003
	Standard name C00-046-705_X_1000
	Result 0.0848
	Accuracy 84.8%
	Limit 0.0800 - 0.1200
Dissolved Lead (Pb) mg/L	Blank <0.0003
	Standard name C00-046-705_X_1000
	Result 0.0919
	Accuracy 91.9%
	Limit 0.0800 - 0.1200
Potassium (K) mg/L	Blank <0.05
	Standard name C00-046-705_X_1000
	Result 0.89
	Accuracy 89%
	Limit 0.800 - 1.200
Selenium (Se) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.091
	Accuracy 91%
	Limit 0.0800 - 0.1200
Dissolved Selenium (Se) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.113
	Accuracy 87%
	Limit 0.0800 - 0.1200
Sodium (Na) mg/L	Blank <0.05
	Standard name C00-046-705_X_1000
	Result 0.89
	Accuracy 89%
	Limit 0.800 - 1.200
dissolved Strontium (Sr) mg/L	Blank <0.005

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Quality control Report

Lab number: V-67088

Sample name: Dogleg North KIA

Sampling location: Dogleg North KIA

Sampling date: August 22, 2017

Sampling hour: 14:30

Parameter	
Sulfate (SO4) mg SO4/L	Blank <0.6 Standard name DMR-0417-2017-SO4 Result 116 Accuracy 94.3% Limit 114 - 132
Tellurium (Te) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0967 Accuracy 96.7% Limit 0.0800 - 0.1200
Dissolved thallium (Tl) mg/L	Blank <0.0008
Thiocyanate (SCN) mg SCN/L	Blank <0.05 Standard name STD SCN 568ppm Result 593 Accuracy 95.6% Limit 398 - 738
Thiosulfates (S2O3) mg S2O3/L	Blank <0.02 Standard name S2O3-225ppm Result 212 Accuracy 94.2% Limit 158 - 293
Titanium (Ti) mg/L	Blank <0.01
Dissolved titanium (Ti) mg/L	Blank <0.01
Turbidity UTN	Standard name DMR-0417-2017-Turb Result 4.60 Accuracy 88.6% Limit 4.41 - 5.97
Uranium (U) mg/L	Blank <0.001 Standard name C00-046-705_X_1000 Result 0.093 Accuracy 93% Limit 0.0800 - 0.1200
Dissolved Uranium (U) mg/L	Blank <0.001 Standard name C00-046-705_X_1000 Result 0.113 Accuracy 87% Limit 0.0800 - 0.1200
Vanadium (V) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0935

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Quality control Report

Lab number: V-67088

Sample name: Dogleg North KIA

Sampling date: August 22, 2017

Sampling location: Dogleg North KIA

Sampling hour: 14:30

Parameter

	Accuracy 93.5%
	Limit 0.0800 - 0.1200
Dissolved Vanadium mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1170

	Accuracy 83%
	Limit 0.0800 - 0.1200
Zinc (Zn) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.094

	Accuracy 94%
	Limit 0.0800 - 0.1200
Dissolved Zinc mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.107

	Accuracy 93%
	Limit 0.0800 - 0.1200

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Additional information

Lab number: V-67088

Sample name: Dogleg North KIA

Sampling location: Dogleg North KIA

Sampling date: August 22, 2017

Sampling hour: 14:30

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-CL-2.0	MA.300-Ions 1.3
M-COUL-1.0	MA.103-Col. 2.0
M-CN-1.0	MA.300-CN 1.2
M-CI-1.0	MA.300-Anions 1.0
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-P-2.0	MA.303-P 1.1
M-SULF-2.0	MA.300-Ions 1.3
M-TURB-1.0	MA.103-Tur. 1.0

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-67087

Sampling location: NP1 West KIA DUP

Sampling date: August 22, 2017

Sample name: NP1 West KIA DUP

Sampling hour: 14:00

Sampled by: Fanny L. Isabelle C.

Date received: August 24, 2017

Matrix: Water

Drinking water distribution:

Reported on: September 13, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Lab number: V-67087

Sample name: NP1 West KIA DUP

Sampling date: August 22, 2017

Sampling location: NP1 West KIA DUP

Sampling hour: 14:00

Parameter	Result	Method name	Analysis date
Alkalinity	71 mg CaCO ₃ /L	M-TIT-1.0	August 24, 2017
Aluminium (Al)	0.006 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Aluminium (Al)	0.007 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Antimony (Sb)	0.0002 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Antimony (Sb)	<0.0001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	<0.05 mg N/L	Sous-traitance\H2Lab inc. (SAM)	August 25, 2017
Kjeldahl nitrogen	0.60 mg N/L	Sous-traitance\H2Lab inc. (SAM)	August 25, 2017
Barium (Ba)	0.0101 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Barium (Ba)	0.0077 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
bicarbonate (HCO ₃)	71 mg CaCO ₃ /L	M-TIT-1.0	August 24, 2017
Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Bromides	0.05 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Calcium (Ca)	24.3 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Carbonate (CO ₃)	<2 mg CaCO ₃ /L	M-TIT-1.0	August 24, 2017
Dissolved Organic Carbon (D.O.C.)	5.8 mg/L	M-COT-1.0	August 24, 2017
Total Organic Carbon (T.O.C.)	5.9 mg/L	M-COT-1.0	August 24, 2017
Chlorophyll A	1.4 µg/L	Sous-traitance\H2Lab inc. (SAM)	September 05, 2017
Chloride	11.1 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Chrome (Cr)	0.0006 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Chromium (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Cobalt (Co)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Cobalt (Co)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Conductivity	236 µmhos/cm	M-TIT-1.0	August 24, 2017
Colour	3 Colour units	Sous-traitance\Multilab Direct	August 25, 2017
Copper (Cu)	0.0014 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Copper (Cu)	0.0006 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Cyanide W.A.D.	0.008 mg/L	Sous-traitance\Multilab Direct	September 01, 2017
Total Cyanide (CNT)	0.025 mg/L	Sous-traitance\Multilab Direct	September 01, 2017
Hardness	93 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	September 08, 2017
Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
dissolved Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017

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Analytical Report

Lab number: V-67087

Sample name: NP1 West KIA DUP

Sampling date: August 22, 2017

Sampling location: NP1 West KIA DUP

Sampling hour: 14:00

Parameter	Result	Method name	Analysis date
Iron (Fe)	0.07 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Iron (Fe)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Fluoride (F)	0.12 mg/L	Sous-traitance\Multilab Direct	September 01, 2017
Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Dissolved Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Total Suspended Solids	3 mg/L	M-SOLI-1.0	August 25, 2017
Magnesium (Mg)	7.90 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Magnesium (Mg)	10.7 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Manganese (Mn)	0.0072 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Manganese (Mn)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Mercury (Hg)	0.00001 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Dissolved Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Molybdenum (Mo)	0.0028 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Molybdenum (Mo)	0.0022 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Ammonia NH3 (non-ionized)	<0.05 mg N/L	Sous-traitance\H2Lab inc. (SAM)	September 12, 2017
Nickel (Ni)	0.0023 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Nickel (Ni)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Nitrate (NO3)	0.11 mg N/L	Sous-traitance\Multilab Direct	August 30, 2017
Nitrite (NO2)	<0.01 mg N/L	Sous-traitance\Multilab Direct	August 30, 2017
Ortho-Phosphate (O-PO4)	<0.01 mg P/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved oxygen	10.4 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
pH	8.16	M-TIT-1.0	August 24, 2017
Total Phosphorus (P) (Trace)	6.3 µg P/L	Sous-traitance\H2Lab inc. (SAM)	August 25, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Potassium (K)	2.80 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Selenium (Se)	0.001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Reactive silica (SiO2)	0.46 mg/L	Sous-traitance\Maxxam	August 29, 2017
Sodium (Na)	6.11 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Solids	157 mg/L	M-TIT-1.0	August 24, 2017
Strontium (Sr)	0.108 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
dissolved Strontium (Sr)	0.112 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Sulfate (SO4)	34.2 mg SO4/L	Sous-traitance\Multilab Direct	August 31, 2017
Tellurium (Te)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Dissolved thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Thiocyanate (SCN)	<0.05 mg SCN/L	Sous-traitance\Multilab Direct	August 30, 2017
Thiosulfates (S2O3)	<0.02 mg S2O3/L	Sous-traitance\Multilab Direct	September 05, 2017
Titanium (Ti)	0.02 mg/L	Sous-traitance\Multilab Direct	September 08, 2017

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Analytical Report

Lab number: V-67087

Sample name: NP1 West KIA DUP

Sampling date: August 22, 2017

Sampling location: NP1 West KIA DUP

Sampling hour: 14:00

Parameter	Result	Method name	Analysis date
Dissolved titanium (Ti)	0.03 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Turbidity	1.52 NTU	Sous-traitance\Multilab Direct	August 25, 2017
Uranium (U)	0.001 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Uranium (U)	0.002 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Vanadium (V)	0.0010 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Vanadium	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Zinc (Zn)	0.003 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Zinc	0.001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017

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Detection limit

Lab number: V-67087

Sample name: NP1 West KIA DUP

Sampling date: August 22, 2017

Sampling location: NP1 West KIA DUP

Sampling hour: 14:00

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO ₃ /L	M-TIT-1.0	
Aluminium (Al)	0.003	mg/L	Sous-traitance	
Dissolved Aluminium (Al)	0.006	mg/L	Sous-traitance	
Antimony (Sb)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Antimony (Sb)	0.0001	mg/L	Sous-traitance	
Silver (Ag)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Silver (Ag)	0.0001	mg/L	Sous-traitance	
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Arsenic (As)	0.0005	mg/L	Sous-traitance	
Kjeldahl nitrogen	0.05	mg N/L	Sous-traitance	
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Barium (Ba)	0.0005	mg/L	Sous-traitance	
Beryllium (Be)	0.0005	mg/L	Sous-traitance	
Dissolved Beryllium (Be)	0.0005	mg/L	Sous-traitance	
bicarbonate (HCO ₃)	2	mg CaCO ₃ /L	M-TIT-1.0	
Boron (B)	0.01	mg/L	Sous-traitance	Yes
Dissolved Boron (B)	0.006	mg/L	Sous-traitance	
Bromides	0.01	mg/L	Sous-traitance	
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Dissolved Cadmium (Cd)	0.00002	mg/L	Sous-traitance	
Calcium (Ca)	0.03	mg/L	Sous-traitance	Yes
Carbonate (CO ₃)	2	mg CaCO ₃ /L	M-TIT-1.0	
Dissolved Organic Carbon (D.O.C.)	0.2	mg/L	M-COT-1.0	--
Total Organic Carbon (T.O.C.)	0.2	mg/L	M-COT-1.0	Yes
Chlorophyll A	0.13	µg/L	Sous-traitance	
Chloride	0.5	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Dissolved Chromium (Cr)	0.0006	mg/L	Sous-traitance	
Cobalt (Co)	0.0005	mg/L	Sous-traitance	
Dissolved Cobalt (Co)	0.0005	mg/L	Sous-traitance	
Conductivity	1	µmhos/cm	M-TIT-1.0	Yes
Colour	1	UCV	Sous-traitance	Yes
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Copper (Cu)	0.0005	mg/L	Sous-traitance	
Cyanide W.A.D.	0.001	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO ₃ /L	Sous-traitance	
Tin (Sn)	0.001	mg/L	Sous-traitance	Yes
dissolved Tin (Sn)	0.001	mg/L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes

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Detection limit

Lab number: V-67087

Sample name: NP1 West KIA DUP

Sampling date: August 22, 2017

Sampling location: NP1 West KIA DUP

Sampling hour: 14:00

Parameter	Value	Unit	Method	Accreditation
Dissolved Iron (Fe)	0.01	mg/L	Sous-traitance	
Fluoride (F)	0.02	mg/L	Sous-traitance	Yes
Lithium (Li)	0.005	mg/L	Sous-traitance	
Dissolved Lithium (Li)	0.005	mg/L	Sous-traitance	
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Magnesium (Mg)	0.02	mg/L	Sous-traitance	Yes
Dissolved Magnesium (Mg)	0.02	mg/L	Sous-traitance	
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Manganese (Mn)	0.0005	mg/L	Sous-traitance	
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Dissolved Mercury (Hg)	0.00001	mg/L	Sous-traitance	
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Nickel (Ni)	0.0005	mg/L	Sous-traitance	
Nitrate (NO3)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO2)	0.01	mg N/L	Sous-traitance	Yes
Ortho-Phosphate (O-PO4)	0.01	mg P/L	Sous-traitance	Yes
Dissolved oxygen	0.1	mg/L	Sous-traitance	
pH			M-TIT-1.0	Yes
Total Phosphorus (P) (Trace)	1.9	µg P/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Dissolved Lead (Pb)	0.0003	mg/L	Sous-traitance	
Potassium (K)	0.05	mg/L	Sous-traitance	
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Dissolved Selenium (Se)	0.001	mg/L	Sous-traitance	
Reactive silica (SiO2)		mg/L	Sous-traitance	
Sodium (Na)	0.05	mg/L	Sous-traitance	Yes
Dissolved Solids	1	mg/L	M-TIT-1.0	
Strontium (Sr)	0.005	mg/L	Sous-traitance	
dissolved Strontium (Sr)	0.005	mg/L	Sous-traitance	
Sulfate (SO4)	0.6	mg SO4/L	Sous-traitance	Yes
Tellurium (Te)	0.0005	mg/L	Sous-traitance	
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Dissolved thallium (Tl)	0.0008	mg/L	Sous-traitance	
Thiocyanate (SCN)	0.05	mg SCN/L	Sous-traitance	Yes
Thiosulfates (S2O3)	0.02	mg S2O3/L	Sous-traitance	Yes
Titanium (Ti)	0.01	mg/L	Sous-traitance	
Dissolved titanium (Ti)	0.01	mg/L	Sous-traitance	
Turbidity	0.02	UTN	Sous-traitance	Yes

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Detection limit

Lab number: V-67087

Sample name: NP1 West KIA DUP

Sampling date: August 22, 2017

Sampling location: NP1 West KIA DUP

Sampling hour: 14:00

Parameter	Value	Unit	Method	Accreditation
Uranium (U)	0.001	mg/L	Sous-traitance	
Dissolved Uranium (U)	0.001	mg/L	Sous-traitance	
Vanadium (V)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Vanadium	0.0005	mg/L	Sous-traitance	
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes
Dissolved Zinc	0.001	mg/L	Sous-traitance	

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Quality control Report

Lab number: V-67087

Sample name: NP1 West KIA DUP

Sampling date: August 22, 2017

Sampling location: NP1 West KIA DUP

Sampling hour: 14:00

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 155 Accuracy 93.1% Limit 123 - 167 Sample duplicate 71-71
Aluminium (Al) mg/L	Blank <0.006 Standard name C00-046-705_X_1000 Result 0.933 Accuracy 93.3% Limit 0.800 - 1.200
Dissolved Aluminium (Al) mg/L	Blank <0.006 Standard name C00-046-705_X_1000 Result 1.19 Accuracy 81% Limit 0.800 - 1.200
Antimony (Sb) mg/L	Blank <0.0001 Standard name C00-046-705_X_1000 Result 0.0103 Accuracy 97% Limit 0.0080 - 0.0120
Dissolved Antimony (Sb) mg/L	Blank <0.0001 Standard name C00-046-705_X_1000 Result 0.0112 Accuracy 88% Limit 0.0080 - 0.0120
Silver (Ag) mg/L	Blank <0.0001
Dissolved Silver (Ag) mg/L	Blank <0.0001 Standard name DMR-0343-2017-Ag Result 0.6549 Accuracy 81.7% Limit 0.642 - 0.962
Arsenic (As) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0904 Accuracy 90.4% Limit 0.0700 - 0.1300
Dissolved Arsenic (As) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1019 Accuracy 98.1%

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Quality control Report

Lab number: V-67087

Sample name: NP1 West KIA DUP

Sampling date: August 22, 2017

Sampling location: NP1 West KIA DUP

Sampling hour: 14:00

Parameter	
Barium (Ba) mg/L	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0935
	Accuracy 93.5%
Dissolved Barium (Ba) mg/L	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1021
	Accuracy 97.9%
Beryllium (Be) mg/L	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0956
	Accuracy 95.6%
Dissolved Beryllium (Be) mg/L	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1165
	Accuracy 83.5%
bicarbonate (HCO ₃) mg CaCO ₃ /L	Limit 0.0800 - 0.1200
	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 0.99
	Accuracy 99%
Boron (B) mg/L	Limit 0.800 - 1.200
	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.15
	Accuracy 85%
Dissolved Boron (B) mg/L	Limit 0.800 - 1.200
	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.15
	Accuracy 85%
Bromides mg/L	Limit 0.800 - 1.200
	Blank <0.01
	Standard name DMR-0119-2017-Br
	Result 5.52
	Accuracy 98%
Cadmium (Cd) mg/L	Limit 4.50 - 6.76
	Blank <0.00002
	Standard name C00-046-705_X_1000
	Result 0.09157

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Quality control Report

Lab number: V-67087

Sample name: NP1 West KIA DUP

Sampling date: August 22, 2017

Sampling location: NP1 West KIA DUP

Sampling hour: 14:00

Parameter	
	Accuracy 91.6%
	Limit 0.0800 - 0.1200
Dissolved Cadmium (Cd) mg/L	Blank <0.00002
	Standard name C00-046-705_X_1000
	Result 0.11683
	Accuracy 83.2%
	Limit 0.0800 - 0.1200
Calcium (Ca) mg/L	Blank <0.03
	Standard name C00-046-705_X_1000
	Result 0.89
	Accuracy 89%
	Limit 0.800 - 1.200
Carbonate (CO ₃) mg CaCO ₃	Sample duplicate <2-<2
Dissolved Organic Carbon (D.O.C.)	Blank <0.2
	Standard name COD 10mg/L
	Result 11
	Accuracy 90%
	Limit 8 - 12
Total Organic Carbon (T.O.C.) m	Blank <0.2
	Standard name COT 10mg/L
	Result 11
	Accuracy 90%
	Limit 8 - 12
Chloride mg/L	Blank <0.5
	Standard name DMR-0417-2017-Cl
	Result 112
	Accuracy 96.3%
	Limit 95 - 121
Chrome (Cr) mg/L	Blank <0.0006
	Standard name C00-046-705_X_1000
	Result 0.0963
	Accuracy 96.3%
	Limit 0.0800 - 0.1200
Dissolved Chromium (Cr) mg/L	Blank <0.0006
	Standard name C00-046-705_X_1000
	Result 0.1160
	Accuracy 84%
	Limit 0.0800 - 0.1200
Cobalt (Co) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000

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Quality control Report

Lab number: V-67087

Sample name: NP1 West KIA DUP

Sampling date: August 22, 2017

Sampling location: NP1 West KIA DUP

Sampling hour: 14:00

Parameter	
Dissolved Cobalt (Co) mg/L	Result 0.0927
	Accuracy 92.7%
	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name C00-046-705_X_1000
Conductivity µmhos/cm	Result 0.1127
	Accuracy 87.3%
	Limit 0.0800 - 0.1200
	Standard name STD cond maison
	Result 1406
Colour UCV	Accuracy 99.4%
	Limit 1203 - 1627
	Sample duplicate 236-236
	Blank <1
	Standard name DMR-0417-2017-Coul
Copper (Cu) mg/L	Result 89
	Accuracy 97.7%
	Limit 67 - 107
	Blank <0.0005
	Standard name C00-046-705_X_1000
Dissolved Copper (Cu) mg/L	Result 0.0982
	Accuracy 98.2%
	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name C00-046-705_X_1000
Cyanide W.A.D. mg/L	Result 0.1142
	Accuracy 85.8%
	Limit 0.0800 - 0.1200
	Blank <0.001
	Standard name DMR-0343-CN
Total Cyanide (CNT) mg/L	Result 0.928
	Accuracy 94.9%
	Limit 0.751 - 1.015
	Blank <0.001
	Standard name DMR-0343-CN
Tin (Sn) mg/L	Result 1.26
	Accuracy 93.2%
	Limit 1.003 - 1.357
	Blank <0.001
	Standard name DMR-0310-2016-Sn

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Quality control Report

Lab number: V-67087

Sample name: NP1 West KIA DUP

Sampling date: August 22, 2017

Sampling location: NP1 West KIA DUP

Sampling hour: 14:00

Parameter	
	Result 8.03
	Accuracy 88.5%
	Limit 7.26 - 10.88
dissolved Tin (Sn) mg/L	Blank <0.001
	Standard name DMR-0310-2016-Sn
	Result 6.45
	Accuracy 71.1%
	Limit 6.35 - 11.79
Iron (Fe) mg/L	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.08
	Accuracy 92%
	Limit 0.800 - 1.200
Dissolved Iron (Fe) mg/L	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.20
	Accuracy 80%
	Limit 0.800 - 1.200
Fluoride (F) mg/L	Blank <0.02
	Standard name DMR-0417-2017-F
	Result 2.29
	Accuracy 99.6%
	Limit 2.13 - 2.47
Lithium (Li) mg/L	Blank <0.005
Dissolved Lithium (Li) mg/L	Blank <0.005
Total Suspended Solids mg/L	Blank <1
	Standard name STD-MES 25mg/L
	Result 27
	Accuracy 92%
	Limit 19 - 31
Magnesium (Mg) mg/L	Blank <0.02
	Standard name C00-046-705_X_1000
	Result 0.98
	Accuracy 98%
	Limit 0.800 - 1.200
Dissolved Magnesium (Mg) mg/L	Blank <0.02
	Standard name C00-046-705_X_1000
	Result 1.18
	Accuracy 82%
	Limit 0.800 - 1.200

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Quality control Report

Lab number: V-67087

Sample name: NP1 West KIA DUP

Sampling date: August 22, 2017

Sampling location: NP1 West KIA DUP

Sampling hour: 14:00

Parameter	
Manganese (Mn) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0918 Accuracy 91.8% Limit 0.0800 - 0.1200
Dissolved Manganese (Mn) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1156 Accuracy 84.4% Limit 0.0800 - 0.1200
Mercury (Hg) mg/L	Blank <0.00001 Standard name DMR-0343-2017-HgEu Result 0.00050 Accuracy 71.4% Limit 0.00042 - 0.00098
Dissolved Mercury (Hg) mg/L	Blank <0.00001
Molybdenum (Mo) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0861 Accuracy 86.1% Limit 0.0800 - 0.1200
Dissolved Molybdenum (Mo) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1103 Accuracy 89.7% Limit 0.0800 - 0.1200
Nickel (Ni) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0963 Accuracy 96.3% Limit 0.0800 - 0.1200
Dissolved Nickel (Ni) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1156 Accuracy 84.4% Limit 0.0800 - 0.1200
Nitrate (NO3) mg N/L	Blank <0.01
Nitrite (NO2) mg N/L	Blank <0.01 Standard name DMR-0417-2017-NO2 Result 2.71

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Quality control Report

Lab number: V-67087

Sample name: NP1 West KIA DUP

Sampling date: August 22, 2017

Sampling location: NP1 West KIA DUP

Sampling hour: 14:00

Parameter	
	Accuracy 100%
	Limit 2.30 - 3.12
Ortho-Phosphate (O-PO4) mg P/	Blank <0.01
	Standard name DMR-0417-2017-OPO4
	Result 2.82
	Accuracy 88.4%
	Limit 2.81 - 3.57
pH	Standard name STD pH 7.0
	Result 7.00
	Accuracy 100%
	Limit 6.96 - 7.04
Lead (Pb) mg/L	Sample duplicate 8.16-8.16
	Blank <0.0003
	Standard name C00-046-705_X_1000
	Result 0.0848
	Accuracy 84.8%
	Limit 0.0800 - 0.1200
Dissolved Lead (Pb) mg/L	Blank <0.0003
	Standard name C00-046-705_X_1000
	Result 0.0919
	Accuracy 91.9%
	Limit 0.0800 - 0.1200
Potassium (K) mg/L	Blank <0.05
	Standard name C00-046-705_X_1000
	Result 0.89
	Accuracy 89%
	Limit 0.800 - 1.200
Selenium (Se) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.091
	Accuracy 91%
	Limit 0.0800 - 0.1200
Dissolved Selenium (Se) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.113
	Accuracy 87%
	Limit 0.0800 - 0.1200
Sodium (Na) mg/L	Blank <0.05
	Standard name C00-046-705_X_1000
	Result 0.89

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Quality control Report

Lab number: V-67087

Sample name: NP1 West KIA DUP

Sampling date: August 22, 2017

Sampling location: NP1 West KIA DUP

Sampling hour: 14:00

Parameter	
	Accuracy 89%
	Limit 0.800 - 1.200
Dissolved Solids mg/L	Sample duplicate 157-157
Strontium (Sr) mg/L	Blank <0.005
dissolved Strontium (Sr) mg/L	Blank <0.005
Sulfate (SO4) mg SO4/L	Blank <0.6
	Standard name DMR-0417-2017-SO4
	Result 116
	Accuracy 94.3%
	Limit 114 - 132
Tellurium (Te) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0967
	Accuracy 96.7%
	Limit 0.0800 - 0.1200
Thallium (Tl) mg/L	Blank <0.0008
Dissolved thallium (Tl) mg/L	Blank <0.0008
Thiocyanate (SCN) mg SCN/L	Blank <0.05
	Standard name STD SCN 568ppm
	Result 593
	Accuracy 95.6%
	Limit 398 - 738
Thiosulfates (S2O3) mg S2O3/L	Blank <0.02
	Standard name S2O3-225ppm
	Result 212
	Accuracy 94.2%
	Limit 158 - 293
Titanium (Ti) mg/L	Blank <0.01
Dissolved titanium (Ti) mg/L	Blank <0.01
Turbidity UTN	Standard name DMR-0417-2017-Turb
	Result 4.60
	Accuracy 88.6%
	Limit 4.41 - 5.97
Uranium (U) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.093
	Accuracy 93%
	Limit 0.0800 - 0.1200
Dissolved Uranium (U) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000

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Quality control Report

Lab number: V-67087

Sample name: NP1 West KIA DUP

Sampling date: August 22, 2017

Sampling location: NP1 West KIA DUP

Sampling hour: 14:00

Parameter

Vanadium (V) mg/L
Result 0.113
Accuracy 87%
Limit 0.0800 - 0.1200
Blank <0.0005
Standard name C00-046-705_X_1000

Dissolved Vanadium mg/L
Result 0.0935
Accuracy 93.5%
Limit 0.0800 - 0.1200
Blank <0.0005
Standard name C00-046-705_X_1000

Zinc (Zn) mg/L
Result 0.1170
Accuracy 83%
Limit 0.0800 - 0.1200
Blank <0.001
Standard name C00-046-705_X_1000

Dissolved Zinc mg/L
Result 0.094
Accuracy 94%
Limit 0.0800 - 0.1200
Blank <0.001
Standard name C00-046-705_X_1000

Result 0.107
Accuracy 93%
Limit 0.0800 - 0.1200

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Additional information

Lab number: V-67087

Sample name: NP1 West KIA DUP

Sampling location: NP1 West KIA DUP

Sampling date: August 22, 2017

Sampling hour: 14:00

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-CL-2.0	MA.300-Ions 1.3
M-COUL-1.0	MA.103-Col. 2.0
M-CN-1.0	MA.300-CN 1.2
M-CI-1.0	MA.300-Anions 1.0
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-P-2.0	MA.303-P 1.1
M-SULF-2.0	MA.300-Ions 1.3
M-TURB-1.0	MA.103-Tur. 1.0

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-67086

Sampling location: NP1 West KIA

Sampling date: August 22, 2017

Sample name: NP1 West KIA

Sampling hour: 14:00

Sampled by: Fanny L. Isabelle C.

Date received: August 24, 2017

Matrix: Water

Drinking water distribution:

Reported on: September 13, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

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Analytical Report

Lab number: V-67086

Sample name: NP1 West KIA

Sampling location: NP1 West KIA

Sampling date: August 22, 2017

Sampling hour: 14:00

Parameter	Result	Method name	Analysis date
Alkalinity	71 mg CaCO ₃ /L	M-TIT-1.0	August 24, 2017
Aluminium (Al)	0.007 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Antimony (Sb)	0.0002 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Antimony (Sb)	0.0006 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	0.15 mg N/L	Sous-traitance\H2Lab inc. (SAM)	August 25, 2017
Kjeldahl nitrogen	0.62 mg N/L	Sous-traitance\H2Lab inc. (SAM)	August 25, 2017
Barium (Ba)	0.0095 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Barium (Ba)	0.0080 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
bicarbonate (HCO ₃)	71 mg CaCO ₃ /L	M-TIT-1.0	August 24, 2017
Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Bromides	<0.01 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Calcium (Ca)	24.2 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Carbonate (CO ₃)	<2 mg CaCO ₃ /L	M-TIT-1.0	August 24, 2017
Dissolved Organic Carbon (D.O.C.)	5.6 mg/L	M-COT-1.0	August 24, 2017
Total Organic Carbon (T.O.C.)	5.6 mg/L	M-COT-1.0	August 24, 2017
Chlorophyll A	0.82 µg/L	Sous-traitance\H2Lab inc. (SAM)	September 05, 2017
Chloride	11.2 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Chrome (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Chromium (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Cobalt (Co)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Cobalt (Co)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Conductivity	238 µmhos/cm	M-TIT-1.0	August 24, 2017
Colour	2 Colour units	Sous-traitance\Multilab Direct	August 25, 2017
Copper (Cu)	0.0015 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Copper (Cu)	0.0007 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Cyanide W.A.D.	0.006 mg/L	Sous-traitance\Multilab Direct	September 01, 2017
Total Cyanide (CNT)	0.006 mg/L	Sous-traitance\Multilab Direct	September 01, 2017
Hardness	92 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	September 08, 2017
Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
dissolved Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017

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Analytical Report

Lab number: V-67086

Sample name: NP1 West KIA

Sampling location: NP1 West KIA

Sampling date: August 22, 2017

Sampling hour: 14:00

Parameter	Result	Method name	Analysis date
Iron (Fe)	0.09 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Iron (Fe)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Fluoride (F)	0.16 mg/L	Sous-traitance\Multilab Direct	September 01, 2017
Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Dissolved Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Total Suspended Solids	7 mg/L	M-SOLI-1.0	August 25, 2017
Magnesium (Mg)	7.89 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Magnesium (Mg)	10.2 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Manganese (Mn)	0.0073 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Manganese (Mn)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Dissolved Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Molybdenum (Mo)	0.0027 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Molybdenum (Mo)	0.0026 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Ammonia NH3 (non-ionized)	<0.05 mg N/L	Sous-traitance\H2Lab inc. (SAM)	September 12, 2017
Nickel (Ni)	0.0026 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Nickel (Ni)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Nitrate (NO3)	0.12 mg N/L	Sous-traitance\Multilab Direct	August 30, 2017
Nitrite (NO2)	<0.01 mg N/L	Sous-traitance\Multilab Direct	August 30, 2017
Ortho-Phosphate (O-PO4)	<0.01 mg P/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved oxygen	10.6 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
pH	8.19	M-TIT-1.0	August 24, 2017
Total Phosphorus (P) (Trace)	5.7 µg P/L	Sous-traitance\H2Lab inc. (SAM)	August 25, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Potassium (K)	2.73 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Selenium (Se)	0.001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Reactive silica (SiO2)	0.43 mg/L	Sous-traitance\Maxxam	August 29, 2017
Sodium (Na)	5.95 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Solids	158 mg/L	M-TIT-1.0	August 24, 2017
Strontium (Sr)	<0.005 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
dissolved Strontium (Sr)	0.112 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Sulfate (SO4)	33.4 mg SO4/L	Sous-traitance\Multilab Direct	August 31, 2017
Tellurium (Te)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Dissolved thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Thiocyanate (SCN)	<0.05 mg SCN/L	Sous-traitance\Multilab Direct	August 30, 2017
Thiosulfates (S2O3)	<0.02 mg S2O3/L	Sous-traitance\Multilab Direct	September 05, 2017
Titanium (Ti)	0.02 mg/L	Sous-traitance\Multilab Direct	September 08, 2017

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Analytical Report

Lab number: V-67086

Sample name: NP1 West KIA

Sampling date: August 22, 2017

Sampling location: NP1 West KIA

Sampling hour: 14:00

Parameter	Result	Method name	Analysis date
Dissolved titanium (Ti)	0.03 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Turbidity	1.46 NTU	Sous-traitance\Multilab Direct	August 25, 2017
Uranium (U)	0.001 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Uranium (U)	0.002 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Vanadium (V)	0.0009 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Vanadium	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Zinc (Zn)	0.004 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Zinc	<0.001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017

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Detection limit

Lab number: V-67086

Sample name: NP1 West KIA

Sampling date: August 22, 2017

Sampling location: NP1 West KIA

Sampling hour: 14:00

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO ₃ /L	M-TIT-1.0	
Aluminium (Al)	0.003	mg/L	Sous-traitance	
Dissolved Aluminium (Al)	0.006	mg/L	Sous-traitance	
Antimony (Sb)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Antimony (Sb)	0.0002	mg/L	Sous-traitance	
Silver (Ag)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Silver (Ag)	0.0001	mg/L	Sous-traitance	
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Arsenic (As)	0.0005	mg/L	Sous-traitance	
Kjeldahl nitrogen	0.05	mg N/L	Sous-traitance	
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Barium (Ba)	0.0005	mg/L	Sous-traitance	
Beryllium (Be)	0.0005	mg/L	Sous-traitance	
Dissolved Beryllium (Be)	0.0005	mg/L	Sous-traitance	
bicarbonate (HCO ₃)	2	mg CaCO ₃ /L	M-TIT-1.0	
Boron (B)	0.01	mg/L	Sous-traitance	Yes
Dissolved Boron (B)	0.006	mg/L	Sous-traitance	
Bromides	0.01	mg/L	Sous-traitance	
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Dissolved Cadmium (Cd)	0.00002	mg/L	Sous-traitance	
Calcium (Ca)	0.03	mg/L	Sous-traitance	Yes
Carbonate (CO ₃)	2	mg CaCO ₃ /L	M-TIT-1.0	
Dissolved Organic Carbon (D.O.C.)	0.2	mg/L	M-COT-1.0	--
Total Organic Carbon (T.O.C.)	0.2	mg/L	M-COT-1.0	Yes
Chlorophyll A	0.13	µg/L	Sous-traitance	
Chloride	0.5	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Dissolved Chromium (Cr)	0.0006	mg/L	Sous-traitance	
Cobalt (Co)	0.0005	mg/L	Sous-traitance	
Dissolved Cobalt (Co)	0.0005	mg/L	Sous-traitance	
Conductivity	1	µmhos/cm	M-TIT-1.0	Yes
Colour	1	UCV	Sous-traitance	Yes
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Copper (Cu)	0.0005	mg/L	Sous-traitance	
Cyanide W.A.D.	0.001	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO ₃ /L	Sous-traitance	
Tin (Sn)	0.001	mg/L	Sous-traitance	Yes
dissolved Tin (Sn)	0.001	mg/L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes

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Detection limit

Lab number: V-67086

Sample name: NP1 West KIA

Sampling date: August 22, 2017

Sampling location: NP1 West KIA

Sampling hour: 14:00

Parameter	Value	Unit	Method	Accreditation
Dissolved Iron (Fe)	0.01	mg/L	Sous-traitance	
Fluoride (F)	0.02	mg/L	Sous-traitance	Yes
Lithium (Li)	0.005	mg/L	Sous-traitance	
Dissolved Lithium (Li)	0.005	mg/L	Sous-traitance	
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Magnesium (Mg)	0.02	mg/L	Sous-traitance	Yes
Dissolved Magnesium (Mg)	0.02	mg/L	Sous-traitance	
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Manganese (Mn)	0.0005	mg/L	Sous-traitance	
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Dissolved Mercury (Hg)	0.00001	mg/L	Sous-traitance	
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Nickel (Ni)	0.0005	mg/L	Sous-traitance	
Nitrate (NO3)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO2)	0.01	mg N/L	Sous-traitance	Yes
Ortho-Phosphate (O-PO4)	0.01	mg P/L	Sous-traitance	Yes
Dissolved oxygen	0.1	mg/L	Sous-traitance	
pH			M-TIT-1.0	Yes
Total Phosphorus (P) (Trace)	1.9	µg P/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Dissolved Lead (Pb)	0.0003	mg/L	Sous-traitance	
Potassium (K)	0.05	mg/L	Sous-traitance	
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Dissolved Selenium (Se)	0.001	mg/L	Sous-traitance	
Reactive silica (SiO2)		mg/L	Sous-traitance	
Sodium (Na)	0.05	mg/L	Sous-traitance	Yes
Dissolved Solids	1	mg/L	M-TIT-1.0	
Strontium (Sr)	0.005	mg/L	Sous-traitance	
dissolved Strontium (Sr)	0.005	mg/L	Sous-traitance	
Sulfate (SO4)	0.6	mg SO4/L	Sous-traitance	Yes
Tellurium (Te)	0.0005	mg/L	Sous-traitance	
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Dissolved thallium (Tl)	0.0008	mg/L	Sous-traitance	
Thiocyanate (SCN)	0.05	mg SCN/L	Sous-traitance	Yes
Thiosulfates (S2O3)	0.02	mg S2O3/L	Sous-traitance	Yes
Titanium (Ti)	0.01	mg/L	Sous-traitance	
Dissolved titanium (Ti)	0.01	mg/L	Sous-traitance	
Turbidity	0.02	UTN	Sous-traitance	Yes

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Detection limit

Lab number: V-67086

Sample name: NP1 West KIA

Sampling date: August 22, 2017

Sampling location: NP1 West KIA

Sampling hour: 14:00

Parameter	Value	Unit	Method	Accreditation
Uranium (U)	0.001	mg/L	Sous-traitance	
Dissolved Uranium (U)	0.001	mg/L	Sous-traitance	
Vanadium (V)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Vanadium	0.0005	mg/L	Sous-traitance	
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes
Dissolved Zinc	0.001	mg/L	Sous-traitance	

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Quality control Report

Lab number: V-67086

Sample name: NP1 West KIA

Sampling location: NP1 West KIA

Sampling date: August 22, 2017

Sampling hour: 14:00

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 155 Accuracy 93.1% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006
	Standard name C00-046-705_X_1000 Result 0.933 Accuracy 93.3% Limit 0.800 - 1.200
Dissolved Aluminium (Al) mg/L	Blank <0.006
	Standard name C00-046-705_X_1000 Result 1.19 Accuracy 81% Limit 0.800 - 1.200
Antimony (Sb) mg/L	Blank <0.0001
	Standard name C00-046-705_X_1000 Result 0.0103 Accuracy 97% Limit 0.0080 - 0.0120
Dissolved Antimony (Sb) mg/L	Blank <0.0001
	Standard name C00-046-705_X_1000 Result 0.0112 Accuracy 88% Limit 0.0080 - 0.0120
Silver (Ag) mg/L	Blank <0.0001
Dissolved Silver (Ag) mg/L	Blank <0.0001
	Standard name DMR-0343-2017-Ag Result 0.6549 Accuracy 81.7% Limit 0.642 - 0.962
Arsenic (As) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000 Result 0.0904 Accuracy 90.4% Limit 0.0700 - 0.1300
Dissolved Arsenic (As) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000 Result 0.1019 Accuracy 98.1% Limit 0.0800 - 0.1200

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Quality control Report

Lab number: V-67086

Sample name: NP1 West KIA

Sampling location: NP1 West KIA

Sampling date: August 22, 2017

Sampling hour: 14:00

Parameter	
Barium (Ba) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0935 Accuracy 93.5% Limit 0.0800 - 0.1200
Dissolved Barium (Ba) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1021 Accuracy 97.9% Limit 0.0800 - 0.1200
Beryllium (Be) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0956 Accuracy 95.6% Limit 0.0800 - 0.1200
Dissolved Beryllium (Be) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1165 Accuracy 83.5% Limit 0.0800 - 0.1200
Boron (B) mg/L	Blank <0.01 Standard name C00-046-705_X_1000 Result 0.99 Accuracy 99% Limit 0.800 - 1.200
Dissolved Boron (B) mg/L	Blank <0.01 Standard name C00-046-705_X_1000 Result 1.15 Accuracy 85% Limit 0.800 - 1.200
Bromides mg/L	Blank <0.01 Standard name DMR-0119-2017-Br Result 5.52 Accuracy 98% Limit 4.50 - 6.76
Cadmium (Cd) mg/L	Blank <0.00002 Standard name C00-046-705_X_1000 Result 0.09157 Accuracy 91.6% Limit 0.0800 - 0.1200

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Quality control Report

Lab number: V-67086

Sample name: NP1 West KIA

Sampling date: August 22, 2017

Sampling location: NP1 West KIA

Sampling hour: 14:00

Parameter

Dissolved Cadmium (Cd) mg/L Blank <0.00002
Standard name C00-046-705_X_1000
Result 0.11683
Accuracy 83.2%
Limit 0.0800 - 0.1200

Calcium (Ca) mg/L Blank <0.03
Standard name C00-046-705_X_1000
Result 0.89
Accuracy 89%
Limit 0.800 - 1.200

Dissolved Organic Carbon (D.O.C.) mg/L Blank <0.2
Standard name COD 10mg/L
Result 11
Accuracy 90%
Limit 8 - 12

Total Organic Carbon (T.O.C.) mg/L Blank <0.2
Standard name COT 10mg/L
Result 11
Accuracy 90%
Limit 8 - 12

Chloride mg/L Blank <0.5
Standard name DMR-0417-2017-Cl
Result 112
Accuracy 96.3%
Limit 95 - 121

Chrome (Cr) mg/L Blank <0.0006
Standard name C00-046-705_X_1000
Result 0.0963
Accuracy 96.3%
Limit 0.0800 - 0.1200

Dissolved Chromium (Cr) mg/L Blank <0.0006
Standard name C00-046-705_X_1000
Result 0.1160
Accuracy 84%
Limit 0.0800 - 0.1200

Cobalt (Co) mg/L Blank <0.0005
Standard name C00-046-705_X_1000
Result 0.0927
Accuracy 92.7%
Limit 0.0800 - 0.1200

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Quality control Report

Lab number: V-67086

Sample name: NP1 West KIA

Sampling location: NP1 West KIA

Sampling date: August 22, 2017

Sampling hour: 14:00

Parameter	
Dissolved Cobalt (Co) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1127 Accuracy 87.3% Limit 0.0800 - 0.1200
Conductivity µmhos/cm	Standard name STD cond maison Result 1406 Accuracy 99.4% Limit 1203 - 1627
Colour UCV	Blank <1 Standard name DMR-0417-2017-Coul Result 89 Accuracy 97.7% Limit 67 - 107
Copper (Cu) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0982 Accuracy 98.2% Limit 0.0800 - 0.1200
Dissolved Copper (Cu) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1142 Accuracy 85.8% Limit 0.0800 - 0.1200
Cyanide W.A.D. mg/L	Blank <0.001 Standard name DMR-0343-CN Result 0.928 Accuracy 94.9% Limit 0.751 - 1.015
Total Cyanide (CNt) mg/L	Blank <0.001 Standard name DMR-0343-CN Result 1.26 Accuracy 93.2% Limit 1.003 - 1.357
Tin (Sn) mg/L	Blank <0.001 Standard name DMR-0310-2016-Sn Result 8.03 Accuracy 88.5% Limit 7.26 - 10.88
dissolved Tin (Sn) mg/L	Blank <0.001

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Quality control Report

Lab number: V-67086

Sample name: NP1 West KIA

Sampling location: NP1 West KIA

Sampling date: August 22, 2017

Sampling hour: 14:00

Parameter	
	Standard name DMR-0310-2016-Sn
	Result 6.45
	Accuracy 71.1%
	Limit 6.35 - 11.79
Iron (Fe) mg/L	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.08
	Accuracy 92%
	Limit 0.800 - 1.200
Dissolved Iron (Fe) mg/L	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.20
	Accuracy 80%
	Limit 0.800 - 1.200
Fluoride (F) mg/L	Blank <0.02
	Standard name DMR-0417-2017-F
	Result 2.29
	Accuracy 99.6%
	Limit 2.13 - 2.47
Lithium (Li) mg/L	Blank <0.005
Dissolved Lithium (Li) mg/L	Blank <0.005
Total Suspended Solids mg/L	Blank <1
	Standard name STD-MES 25mg/L
	Result 27
	Accuracy 92%
	Limit 19 - 31
Magnesium (Mg) mg/L	Blank <0.02
	Standard name C00-046-705_X_1000
	Result 0.98
	Accuracy 98%
	Limit 0.800 - 1.200
Dissolved Magnesium (Mg) mg/L	Blank <0.02
	Standard name C00-046-705_X_1000
	Result 1.18
	Accuracy 82%
	Limit 0.800 - 1.200
Manganese (Mn) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0918
	Accuracy 91.8%

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Quality control Report

Lab number: V-67086

Sample name: NP1 West KIA

Sampling location: NP1 West KIA

Sampling date: August 22, 2017

Sampling hour: 14:00

Parameter		
Dissolved Manganese (Mn) mg/L	Limit 0.0800 - 0.1200	
	Blank <0.0005	
	Standard name C00-046-705_X_1000	
	Result 0.1156	
	Accuracy 84.4%	
Mercury (Hg) mg/L	Limit 0.0800 - 0.1200	
	Blank <0.00001	
	Standard name DMR-0343-2017-HgEu	
	Result 0.00050	
	Accuracy 71.4%	
Dissolved Mercury (Hg) mg/L	Limit 0.00042 - 0.00098	
	Blank <0.00001	
	Molybdenum (Mo) mg/L	Blank <0.0005
		Standard name C00-046-705_X_1000
	Result 0.0861	
Accuracy 86.1%		
Dissolved Molybdenum (Mo) mg/L	Limit 0.0800 - 0.1200	
	Blank <0.0005	
	Standard name C00-046-705_X_1000	
	Result 0.1103	
	Accuracy 89.7%	
Nickel (Ni) mg/L	Limit 0.0800 - 0.1200	
	Blank <0.0005	
	Standard name C00-046-705_X_1000	
	Result 0.0963	
	Accuracy 96.3%	
Dissolved Nickel (Ni) mg/L	Limit 0.0800 - 0.1200	
	Blank <0.0005	
	Standard name C00-046-705_X_1000	
	Result 0.1156	
	Accuracy 84.4%	
Nitrate (NO3) mg N/L	Limit 0.0800 - 0.1200	
	Blank <0.01	
	Nitrite (NO2) mg N/L	Blank <0.01
		Standard name DMR-0417-2017-NO2
	Result 2.71	
Accuracy 100%		
Ortho-Phosphate (O-PO4) mg P/	Limit 2.30 - 3.12	
	Blank <0.01	
	Standard name DMR-0417-2017-OPO4	

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Quality control Report

Lab number: V-67086

Sample name: NP1 West KIA

Sampling location: NP1 West KIA

Sampling date: August 22, 2017

Sampling hour: 14:00

Parameter	
pH	Result 2.82
	Accuracy 88.4%
	Limit 2.81 - 3.57
	Standard name STD pH 7.0
	Result 7.00
Lead (Pb) mg/L	Accuracy 100%
	Limit 6.96 - 7.04
	Blank <0.0003
	Standard name C00-046-705_X_1000
	Result 0.0848
Dissolved Lead (Pb) mg/L	Accuracy 84.8%
	Limit 0.0800 - 0.1200
	Blank <0.0003
	Standard name C00-046-705_X_1000
	Result 0.0919
Potassium (K) mg/L	Accuracy 91.9%
	Limit 0.0800 - 0.1200
	Blank <0.05
	Standard name C00-046-705_X_1000
	Result 0.89
Selenium (Se) mg/L	Accuracy 89%
	Limit 0.800 - 1.200
	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.091
Dissolved Selenium (Se) mg/L	Accuracy 91%
	Limit 0.0800 - 0.1200
	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.113
Sodium (Na) mg/L	Accuracy 87%
	Limit 0.0800 - 0.1200
	Blank <0.05
	Standard name C00-046-705_X_1000
	Result 0.89
Strontium (Sr) mg/L	Accuracy 89%
	Limit 0.800 - 1.200
dissolved Strontium (Sr) mg/L	Blank <0.005
Sulfate (SO4) mg SO4/L	Blank <0.6

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Quality control Report

Lab number: V-67086

Sample name: NP1 West KIA

Sampling location: NP1 West KIA

Sampling date: August 22, 2017

Sampling hour: 14:00

Parameter	
	Standard name DMR-0417-2017-SO4
	Result 116
	Accuracy 94.3%
	Limit 114 - 132
Tellurium (Te) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0967
	Accuracy 96.7%
	Limit 0.0800 - 0.1200
Thallium (Tl) mg/L	Blank <0.0008
Dissolved thallium (Tl) mg/L	Blank <0.0008
Thiocyanate (SCN) mg SCN/L	Blank <0.05
	Standard name STD SCN 568ppm
	Result 593
	Accuracy 95.6%
	Limit 398 - 738
Thiosulfates (S2O3) mg S2O3/L	Blank <0.02
	Standard name S2O3-225ppm
	Result 212
	Accuracy 94.2%
	Limit 158 - 293
Titanium (Ti) mg/L	Blank <0.01
Dissolved titanium (Ti) mg/L	Blank <0.01
Turbidity UTN	Standard name DMR-0417-2017-Turb
	Result 4.60
	Accuracy 88.6%
	Limit 4.41 - 5.97
Uranium (U) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.093
	Accuracy 93%
	Limit 0.0800 - 0.1200
Dissolved Uranium (U) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.113
	Accuracy 87%
	Limit 0.0800 - 0.1200
Vanadium (V) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0935

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Additional information

Lab number: V-67086

Sample name: NP1 West KIA

Sampling location: NP1 West KIA

Sampling date: August 22, 2017

Sampling hour: 14:00

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-CL-2.0	MA.300-Ions 1.3
M-COUL-1.0	MA.103-Col. 2.0
M-CN-1.0	MA.300-CN 1.2
M-CI-1.0	MA.300-Anions 1.0
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-P-2.0	MA.303-P 1.1
M-SULF-2.0	MA.300-Ions 1.3
M-TURB-1.0	MA.103-Tur. 1.0

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-67045

Sampling location: NP2 East KIA DUP

Sampling date: August 22, 2017

Sample name: NP2 East KIA DUP

Sampling hour: 09:45

Sampled by: Fanny L. Martin T.

Date received: August 23, 2017

Matrix: Water

Drinking water distribution:

Reported on: September 11, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Lab number: V-67045

Sample name: NP2 East KIA DUP

Sampling date: August 22, 2017

Sampling location: NP2 East KIA DUP

Sampling hour: 09:45

Parameter	Result	Method name	Analysis date
Alkalinity	60 mg CaCO ₃ /L	M-TIT-1.0	August 23, 2017
Aluminium (Al)	0.013 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Antimony (Sb)	<0.0001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Antimony (Sb)	<0.0001 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	<0.05 mg N/L	Sous-traitance\H2Lab inc. (SAM)	August 25, 2017
Kjeldahl nitrogen	<0.7 mg N/L	Sous-traitance\H2Lab inc. (SAM)	August 31, 2017
Barium (Ba)	0.0082 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Barium (Ba)	0.0063 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
bicarbonate (HCO ₃)	60 mg CaCO ₃ /L	M-TIT-1.0	August 23, 2017
Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Bromides	0.04 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Calcium (Ca)	24.5 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Carbonate (CO ₃)	<2 mg CaCO ₃ /L	M-TIT-1.0	August 23, 2017
Dissolved Organic Carbon (D.O.C.)	6.1 mg/L	M-COT-1.0	August 24, 2017
Total Organic Carbon (T.O.C.)	6.1 mg/L	M-COT-1.0	August 24, 2017
Chlorophyll A	2.0 µg/L	Sous-traitance\H2Lab inc. (SAM)	August 31, 2017
Chloride	4.5 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Chrome (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Chromium (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Cobalt (Co)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Cobalt (Co)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Conductivity	222 µmhos/cm	M-TIT-1.0	August 23, 2017
Colour	3 Colour units	Sous-traitance\Multilab Direct	August 24, 2017
Copper (Cu)	0.0020 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Copper (Cu)	0.0013 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Cyanide W.A.D.	0.011 mg/L	Sous-traitance\Multilab Direct	September 01, 2017
Total Cyanide (CNT)	0.015 mg/L	Sous-traitance\Multilab Direct	September 01, 2017
Hardness	95 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	September 06, 2017
Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
dissolved Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 29, 2017

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Analytical Report

Lab number: V-67045

Sample name: NP2 East KIA DUP

Sampling date: August 22, 2017

Sampling location: NP2 East KIA DUP

Sampling hour: 09:45

Parameter	Result	Method name	Analysis date
Iron (Fe)	0.09 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Iron (Fe)	0.02 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Fluoride (F)	0.12 mg/L	Sous-traitance\Multilab Direct	September 01, 2017
Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Dissolved Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Total Suspended Solids	1 mg/L	M-SOLI-1.0	August 24, 2017
Magnesium (Mg)	8.31 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Magnesium (Mg)	7.29 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Manganese (Mn)	0.0109 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Manganese (Mn)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Dissolved Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Molybdenum (Mo)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Molybdenum (Mo)	0.0005 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Ammonia NH3 (non-ionized)	<0.05 mg N/L	Sous-traitance\H2Lab inc. (SAM)	August 25, 2017
Nickel (Ni)	0.0013 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Nickel (Ni)	0.0007 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Nitrate (NO3)	0.02 mg N/L	Sous-traitance\Multilab Direct	August 24, 2017
Nitrite (NO2)	<0.01 mg N/L	Sous-traitance\Multilab Direct	August 24, 2017
Ortho-Phosphate (O-PO4)	<0.01 mg P/L	Sous-traitance\Multilab Direct	August 24, 2017
Dissolved oxygen	9.7 mg/L	Sous-traitance\Multilab Direct	August 24, 2017
pH	7.95	M-TIT-1.0	August 22, 2017
Total Phosphorus (P) (Trace)	7.0 µg P/L	Sous-traitance\H2Lab inc. (SAM)	August 31, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Potassium (K)	2.67 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Reactive silica (SiO2)	0.32 mg/L	Sous-traitance\Maxxam	August 28, 2017
Sodium (Na)	11.2 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Solids	148 mg/L	M-TIT-1.0	August 23, 2017
Strontium (Sr)	0.079 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
dissolved Strontium (Sr)	0.092 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Sulfate (SO4)	45.7 mg SO4/L	Sous-traitance\Multilab Direct	August 31, 2017
Tellurium (Te)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Dissolved thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Thiocyanate (SCN)	<0.05 mg SCN/L	Sous-traitance\Multilab Direct	August 30, 2017
Thiosulfates (S2O3)	<0.02 mg S2O3/L	Sous-traitance\Multilab Direct	August 28, 2017
Titanium (Ti)	0.02 mg/L	Sous-traitance\Multilab Direct	September 06, 2017

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Analytical Report

Lab number: V-67045

Sample name: NP2 East KIA DUP

Sampling date: August 22, 2017

Sampling location: NP2 East KIA DUP

Sampling hour: 09:45

Parameter	Result	Method name	Analysis date
Dissolved titanium (Ti)	0.02 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Turbidity	1.55 NTU	Sous-traitance\Multilab Direct	August 24, 2017
Uranium (U)	0.001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Uranium (U)	0.001 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Vanadium (V)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Vanadium	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Zinc (Zn)	0.006 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Zinc	0.001 mg/L	Sous-traitance\Multilab Direct	August 29, 2017

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Detection limit

Lab number: V-67045

Sample name: NP2 East KIA DUP

Sampling date: August 22, 2017

Sampling location: NP2 East KIA DUP

Sampling hour: 09:45

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO ₃ /L	M-TIT-1.0	
Aluminium (Al)	0.006	mg/L	Sous-traitance	
Dissolved Aluminium (Al)	0.006	mg/L	Sous-traitance	
Antimony (Sb)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Antimony (Sb)	0.0001	mg/L	Sous-traitance	
Silver (Ag)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Silver (Ag)	0.0001	mg/L	Sous-traitance	
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Arsenic (As)	0.0005	mg/L	Sous-traitance	
Kjeldahl nitrogen	0.05	mg N/L	Sous-traitance	
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Barium (Ba)	0.0005	mg/L	Sous-traitance	
Beryllium (Be)	0.0005	mg/L	Sous-traitance	
Dissolved Beryllium (Be)	0.0005	mg/L	Sous-traitance	
bicarbonate (HCO ₃)	2	mg CaCO ₃ /L	M-TIT-1.0	
Boron (B)	0.01	mg/L	Sous-traitance	Yes
Dissolved Boron (B)	0.01	mg/L	Sous-traitance	
Bromides	0.01	mg/L	Sous-traitance	
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Dissolved Cadmium (Cd)	0.00002	mg/L	Sous-traitance	
Calcium (Ca)	0.03	mg/L	Sous-traitance	Yes
Carbonate (CO ₃)	2	mg CaCO ₃ /L	M-TIT-1.0	
Dissolved Organic Carbon (D.O.C.)	0.2	mg/L	M-COT-1.0	--
Total Organic Carbon (T.O.C.)	0.2	mg/L	M-COT-1.0	Yes
Chlorophyll A	0.13	µg/L	Sous-traitance	
Chloride	0.5	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Dissolved Chromium (Cr)	0.0006	mg/L	Sous-traitance	
Cobalt (Co)	0.0005	mg/L	Sous-traitance	
Dissolved Cobalt (Co)	0.0005	mg/L	Sous-traitance	
Conductivity	1	µmhos/cm	M-TIT-1.0	Yes
Colour	1	UCV	Sous-traitance	Yes
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Copper (Cu)	0.0005	mg/L	Sous-traitance	
Cyanide W.A.D.	0.001	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO ₃ /L	Sous-traitance	
Tin (Sn)	0.001	mg/L	Sous-traitance	Yes
dissolved Tin (Sn)	0.001	mg/L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes

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Detection limit

Lab number: V-67045

Sample name: NP2 East KIA DUP

Sampling date: August 22, 2017

Sampling location: NP2 East KIA DUP

Sampling hour: 09:45

Parameter	Value	Unit	Method	Accreditation
Dissolved Iron (Fe)	0.01	mg/L	Sous-traitance	
Fluoride (F)	0.02	mg/L	Sous-traitance	Yes
Lithium (Li)	0.005	mg/L	Sous-traitance	
Dissolved Lithium (Li)	0.005	mg/L	Sous-traitance	
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Magnesium (Mg)	0.02	mg/L	Sous-traitance	Yes
Dissolved Magnesium (Mg)	0.02	mg/L	Sous-traitance	
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Manganese (Mn)	0.0005	mg/L	Sous-traitance	
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Dissolved Mercury (Hg)	0.00001	mg/L	Sous-traitance	
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Nickel (Ni)	0.0005	mg/L	Sous-traitance	
Nitrate (NO3)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO2)	0.01	mg N/L	Sous-traitance	Yes
Ortho-Phosphate (O-PO4)	0.01	mg P/L	Sous-traitance	Yes
Dissolved oxygen	0.1	mg/L	Sous-traitance	
pH			M-TIT-1.0	Yes
Total Phosphorus (P) (Trace)	1.9	µg P/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Dissolved Lead (Pb)	0.0003	mg/L	Sous-traitance	
Potassium (K)	0.05	mg/L	Sous-traitance	
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Dissolved Selenium (Se)	0.001	mg/L	Sous-traitance	
Reactive silica (SiO2)		mg/L	Sous-traitance	
Sodium (Na)	0.05	mg/L	Sous-traitance	Yes
Dissolved Solids	1	mg/L	M-TIT-1.0	
Strontium (Sr)	0.005	mg/L	Sous-traitance	
dissolved Strontium (Sr)	0.005	mg/L	Sous-traitance	
Sulfate (SO4)	0.6	mg SO4/L	Sous-traitance	Yes
Tellurium (Te)	0.0005	mg/L	Sous-traitance	
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Dissolved thallium (Tl)	0.0008	mg/L	Sous-traitance	
Thiocyanate (SCN)	0.05	mg SCN/L	Sous-traitance	Yes
Thiosulfates (S2O3)	0.02	mg S2O3/L	Sous-traitance	Yes
Titanium (Ti)	0.01	mg/L	Sous-traitance	
Dissolved titanium (Ti)	0.01	mg/L	Sous-traitance	
Turbidity	0.02	UTN	Sous-traitance	Yes

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Detection limit

Lab number: V-67045

Sample name: NP2 East KIA DUP

Sampling date: August 22, 2017

Sampling location: NP2 East KIA DUP

Sampling hour: 09:45

Parameter	Value	Unit	Method	Accreditation
Uranium (U)	0.001	mg/L	Sous-traitance	
Dissolved Uranium (U)	0.001	mg/L	Sous-traitance	
Vanadium (V)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Vanadium	0.0005	mg/L	Sous-traitance	
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes
Dissolved Zinc	0.001	mg/L	Sous-traitance	

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Quality control Report

Lab number: V-67045

Sample name: NP2 East KIA DUP

Sampling date: August 22, 2017

Sampling location: NP2 East KIA DUP

Sampling hour: 09:45

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 151 Accuracy 95.9% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006 Standard name C00-046-705_X_1000 Result 0.997 Accuracy 99.7% Limit 0.800 - 1.200 Sample duplicate 0.013-0.017
Dissolved Aluminium (Al) mg/L	Blank <0.006 Standard name DMR-0219-2017-Eu Result 6.28 Accuracy 99.8% Limit 5.02 - 7.52
Antimony (Sb) mg/L	Blank <0.0001 Standard name C00-046-705_X_1000 Result 0.0116 Accuracy 84% Limit 0.0080 - 0.0120 Sample duplicate <0.0001-<0.0001
Dissolved Antimony (Sb) mg/L	Blank <0.0001 Standard name DMR-0219-2017-Eu Result 0.2262 Accuracy 98.1% Limit 0.178 - 0.266
Silver (Ag) mg/L	Blank <0.0001 Standard name DMR-0343-2017-Ag Result 0.7045 Accuracy 87.8% Limit 0.642 - 0.962 Sample duplicate <0.0001-<0.0001
Dissolved Silver (Ag) mg/L	Blank <0.0001 Standard name DMR-0343-2017-Ag Result 0.8046 Accuracy 99.7% Limit 0.642 - 0.962
Arsenic (As) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0880

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Quality control Report

Lab number: V-67045

Sample name: NP2 East KIA DUP

Sampling date: August 22, 2017

Sampling location: NP2 East KIA DUP

Sampling hour: 09:45

Parameter

	Accuracy 88%
	Limit 0.0700 - 0.1300
	Sample duplicate <0.0005-<0.0005
Dissolved Arsenic (As) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 0.3468
	Accuracy 77.9%
	Limit 0.199 - 0.369
Barium (Ba) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0909
	Accuracy 90.9%
	Limit 0.0800 - 0.1200
	Sample duplicate 0.0082-0.0073
Dissolved Barium (Ba) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 2.881
	Accuracy 81.4%
	Limit 1.94 - 2.92
Beryllium (Be) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1054
	Accuracy 94.6%
	Limit 0.0800 - 0.1200
	Sample duplicate <0.0005-<0.0005
Dissolved Beryllium (Be) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.922
	Accuracy 86.9%
	Limit 1.36 - 2.04
Boron (B) mg/L	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.07
	Accuracy 93%
	Limit 0.800 - 1.200
	Sample duplicate <0.01-<0.01
Dissolved Boron (B) mg/L	Blank <0.01
	Standard name DMR-0219-2017-Eu
	Result 3.17
	Accuracy 89.9%

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Quality control Report

Lab number: V-67045

Sample name: NP2 East KIA DUP

Sampling location: NP2 East KIA DUP

Sampling date: August 22, 2017

Sampling hour: 09:45

Parameter	
Bromides mg/L	Limit 2.30 - 3.46
	Blank <0.01
	Standard name DMR-0119-2017-Br
	Result 5.52
	Accuracy 98%
Cadmium (Cd) mg/L	Limit 4.50 - 6.76
	Blank <0.00002
	Standard name C00-046-705_X_1000
	Result 0.10785
	Accuracy 92.2%
Dissolved Cadmium (Cd) mg/L	Limit 0.0800 - 0.1200
	Sample duplicate <0.00002-<0.00002
	Blank <0.00002
	Standard name DMR-0219-2017-Eu
	Result 1.0050
Calcium (Ca) mg/L	Accuracy 88.5%
	Limit 0.721 - 1.081
	Blank <0.03
	Standard name C00-046-705_X_1000
	Result 0.95
Dissolved Organic Carbon (D.O.C) mg/L	Accuracy 95%
	Limit 0.800 - 1.200
	Sample duplicate 24.5-22.1
	Blank <0.2
	Standard name COD 10mg/L
Total Organic Carbon (T.O.C.) mg/L	Result 10
	Accuracy 100%
	Limit 8 - 12
	Blank <0.2
	Standard name COT 10mg/L
Chloride mg/L	Result 10
	Accuracy 100%
	Limit 8 - 12
	Blank <0.5
	Standard name DMR-0417-2017-Cl
Chrome (Cr) mg/L	Result 113
	Accuracy 95.4%
	Limit 95 - 121
	Blank <0.0006
	Standard name C00-046-705_X_1000

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Quality control Report

Lab number: V-67045

Sample name: NP2 East KIA DUP

Sampling location: NP2 East KIA DUP

Sampling date: August 22, 2017

Sampling hour: 09:45

Parameter	
	Result 0.1001
	Accuracy 99.9%
	Limit 0.0800 - 0.1200
	Sample duplicate <0.0006-<0.0006
Dissolved Chromium (Cr) mg/L	Blank <0.0006
	Standard name DMR-0219-2017-Eu
	Result 4.185
	Accuracy 96.7%
	Limit 3.24 - 4.86
Cobalt (Co) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1040
	Accuracy 96%
	Limit 0.0800 - 0.1200
	Sample duplicate <0.0005-<0.0005
Dissolved Cobalt (Co) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.618
	Accuracy 96.3%
	Limit 1.25 - 1.87
Conductivity µmhos/cm	Standard name STD cond maison
	Result 1404
	Accuracy 99.2%
	Limit 1203 - 1627
Colour UCV	Blank <1
	Standard name DMR-0417-2017-Coul
	Result 90
	Accuracy 96.6%
	Limit 67 - 107
Copper (Cu) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1079
	Accuracy 92.1%
	Limit 0.0800 - 0.1200
	Sample duplicate 0.0020-0.0021
Dissolved Copper (Cu) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.485
	Accuracy 84%
	Limit 1.02 - 1.54

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Quality control Report

Lab number: V-67045

Sample name: NP2 East KIA DUP

Sampling date: August 22, 2017

Sampling location: NP2 East KIA DUP

Sampling hour: 09:45

Parameter	
Cyanide W.A.D. mg/L	Blank <0.001 Standard name DMR-0343-CN Result 0.921 Accuracy 95.7% Limit 0.751 - 1.015
Total Cyanide (CNT) mg/L	Blank <0.001 Standard name DMR-0343-CN Result 1.28 Accuracy 91.5% Limit 1.003 - 1.357
Hardness mg CaCO3/L	Sample duplicate 95-86
Tin (Sn) mg/L	Blank <0.001 Standard name DMR-0310-2016-Sn Result 7.36 Accuracy 81.1% Limit 7.26 - 10.88
dissolved Tin (Sn) mg/L	Sample duplicate <0.001-<0.001 Blank <0.001 Standard name DMR-0310-2016-Sn Result 9.75 Accuracy 92.5% Limit 6.35 - 11.79
Iron (Fe) mg/L	Blank <0.01 Standard name C00-046-705_X_1000 Result 1.13 Accuracy 87% Limit 0.800 - 1.200
Dissolved Iron (Fe) mg/L	Sample duplicate 0.09-0.08 Blank <0.01 Standard name DMR-0219-2017-Eu Result 13.5 Accuracy 81.6% Limit 9.1 - 13.7
Fluoride (F) mg/L	Blank <0.02 Standard name DMR-0417-2017-F Result 2.29 Accuracy 99.6% Limit 2.13 - 2.47
Lithium (Li) mg/L	Blank <0.005
Dissolved Lithium (Li) mg/L	Blank <0.005

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Quality control Report

Lab number: V-67045

Sample name: NP2 East KIA DUP

Sampling location: NP2 East KIA DUP

Sampling date: August 22, 2017

Sampling hour: 09:45

Parameter

Total Suspended Solids mg/L	Blank <1 Standard name STD-MES 25mg/L Result 23 Accuracy 92% Limit 19 - 31
Magnesium (Mg) mg/L	Blank <0.02 Standard name C00-046-705_X_1000 Result 0.95 Accuracy 95% Limit 0.800 - 1.200 Sample duplicate 8.31-7.70
Dissolved Magnesium (Mg) mg/L	Blank <0.02 Standard name DMR-0219-2017-Eu Result 8.09 Accuracy 97.7% Limit 6.33 - 9.49
Manganese (Mn) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1052 Accuracy 94.8% Limit 0.0800 - 0.1200 Sample duplicate 0.0109-0.0097
Dissolved Manganese (Mn) mg/L	Blank <0.0005 Standard name DMR-0219-2017-Eu Result 4.027 Accuracy 96.7% Limit 3.12 - 4.68
Mercury (Hg) mg/L	Blank <0.00001 Standard name DMR-0343-2017-HgEu Result 0.00050 Accuracy 71.4% Limit 0.00042 - 0.00098
Dissolved Mercury (Hg) mg/L	Blank <0.00001
Molybdenum (Mo) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1041 Accuracy 95.9% Limit 0.0800 - 0.1200 Sample duplicate <0.0005-<0.0005
Dissolved Molybdenum (Mo) mg/L	Blank <0.0005

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Quality control Report

Lab number: V-67045

Sample name: NP2 East KIA DUP

Sampling location: NP2 East KIA DUP

Sampling date: August 22, 2017

Sampling hour: 09:45

Parameter	
Nickel (Ni) mg/L	Standard name DMR-0219-2017-Eu
	Result 0.7358
	Accuracy 96.1%
	Limit 0.566 - 0.850
	Blank <0.0005
Dissolved Nickel (Ni) mg/L	Standard name C00-046-705_X_1000
	Result 0.1081
	Accuracy 91.9%
	Limit 0.0800 - 0.1200
	Sample duplicate 0.0013-0.0011
Nitrate (NO3) mg N/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.216
	Accuracy 93.3%
	Limit 0.91 - 1.37
Nitrite (NO2) mg N/L	Blank <0.01
	Standard name DMR-0417-2017-NO2
	Result 2.73
	Accuracy 99.3%
	Limit 2.30 - 3.12
Ortho-Phosphate (O-PO4) mg P/	Blank <0.01
	Standard name DMR-0417-2017-OPO4
	Result 2.82
	Accuracy 88.4%
	Limit 2.81 - 3.57
pH	Sample duplicate <0.01-<0.01
	Standard name STD pH 7.0
	Result 7.00
	Accuracy 100%
	Limit 6.96 - 7.04
Lead (Pb) mg/L	Blank <0.0003
	Standard name C00-046-705_X_1000
	Result 0.0839
	Accuracy 83.9%
	Limit 0.0800 - 0.1200
Dissolved Lead (Pb) mg/L	Sample duplicate <0.0003-<0.0003
	Blank <0.0003
	Standard name DMR-0219-2017-Eu
	Result 0.9576

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Quality control Report

Lab number: V-67045

Sample name: NP2 East KIA DUP

Sampling date: August 22, 2017

Sampling location: NP2 East KIA DUP

Sampling hour: 09:45

Parameter	
Potassium (K) mg/L	Accuracy 94% Limit 0.722 - 1.084 Blank <0.05 Standard name C00-046-705_X_1000 Result 0.90
Selenium (Se) mg/L	Accuracy 90% Limit 0.800 - 1.200 Sample duplicate 2.67-2.40 Blank <0.001 Standard name C00-046-705_X_1000 Result 0.111
Dissolved Selenium (Se) mg/L	Accuracy 89% Limit 0.0800 - 0.1200 Sample duplicate <0.001-<0.001 Blank <0.001 Standard name DMR-0219-2017-Eu Result 1.60
Sodium (Na) mg/L	Accuracy 81.5% Limit 1.08 - 1.62 Blank <0.05 Standard name C00-046-705_X_1000 Result 0.94
Strontium (Sr) mg/L	Accuracy 94% Limit 0.800 - 1.200 Sample duplicate 11.2-10.2 Blank <0.005
dissolved Strontium (Sr) mg/L	Blank <0.005
Sulfate (SO4) mg SO4/L	Blank <0.6 Standard name DMR-0417-2017-SO4 Result 116
Tellurium (Te) mg/L	Accuracy 94.3% Limit 114 - 132 Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1079
Thallium (Tl) mg/L	Accuracy 92.1% Limit 0.0800 - 0.1200 Sample duplicate <0.0005-<0.0005 Blank <0.0008
Dissolved thallium (Tl) mg/L	Blank <0.0008

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Quality control Report

Lab number: V-67045

Sample name: NP2 East KIA DUP

Sampling date: August 22, 2017

Sampling location: NP2 East KIA DUP

Sampling hour: 09:45

Parameter

Thiocyanate (SCN) mg SCN/L Blank <0.05
Standard name STD SCN 568ppm
Result 593
Accuracy 95.6%
Limit 398 - 738

Thiosulfates (S2O3) mg S2O3/L Blank <0.02
Standard name S2O3-225ppm
Result 232
Accuracy 96.9%
Limit 158 - 293

Titanium (Ti) mg/L Blank <0.01
Sample duplicate 0.02-0.02
Dissolved titanium (Ti) mg/L Blank <0.01
Turbidity UTN Standard name DMR-0417-2017-Turb
Result 5.87
Accuracy 86.9%
Limit 4.41 - 5.97

Uranium (U) mg/L Blank <0.001
Standard name C00-046-705_X_1000
Result 0.104
Accuracy 96%
Limit 0.0800 - 0.1200
Sample duplicate 0.001-0.001

Dissolved Uranium (U) mg/L Blank <0.001
Standard name DMR-0219-2017-Eu
Result 1.89
Accuracy 92.6%
Limit 1.41 - 2.11

Vanadium (V) mg/L Blank <0.0005
Standard name C00-046-705_X_1000
Result 0.1039
Accuracy 96.1%
Limit 0.0800 - 0.1200
Sample duplicate <0.0005-<0.0005

Dissolved Vanadium mg/L Blank <0.0005
Standard name DMR-0219-2017-Eu
Result 1.987
Accuracy 99.8%
Limit 1.59 - 2.39

Zinc (Zn) mg/L Blank <0.001

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Additional information

Lab number: V-67045

Sample name: NP2 East KIA DUP

Sampling location: NP2 East KIA DUP

Sampling date: August 22, 2017

Sampling hour: 09:45

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-CL-2.0	MA.300-Ions 1.3
M-COUL-1.0	MA.103-Col. 2.0
M-CN-1.0	MA.300-CN 1.2
M-CI-1.0	MA.300-Anions 1.0
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-P-2.0	MA.303-P 1.1
M-SULF-2.0	MA.300-Ions 1.3
M-TURB-1.0	MA.103-Tur. 1.0

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-67044

Sampling location: NP2 East KIA

Sampling date: August 22, 2017

Sample name: NP2 East KIA

Sampling hour: 09:45

Sampled by: Fanny L. Martin T.

Date received: August 23, 2017

Matrix: Water

Drinking water distribution:

Reported on: September 11, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

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Analytical Report

Lab number: V-67044

Sample name: NP2 East KIA

Sampling location: NP2 East KIA

Sampling date: August 22, 2017

Sampling hour: 09:45

Parameter	Result	Method name	Analysis date
Alkalinity	60 mg CaCO ₃ /L	M-TIT-1.0	August 23, 2017
Aluminium (Al)	0.023 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Antimony (Sb)	<0.0001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Antimony (Sb)	<0.0001 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	<0.05 mg N/L	Sous-traitance\H2Lab inc. (SAM)	August 25, 2017
Kjeldahl nitrogen	<0.7 mg N/L	Sous-traitance\H2Lab inc. (SAM)	August 31, 2017
Barium (Ba)	0.0076 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Barium (Ba)	0.0059 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
bicarbonate (HCO ₃)	60 mg CaCO ₃ /L	M-TIT-1.0	August 23, 2017
Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Bromides	0.02 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Calcium (Ca)	23.7 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Carbonate (CO ₃)	<2 mg CaCO ₃ /L	M-TIT-1.0	August 23, 2017
Dissolved Organic Carbon (D.O.C.)	5.8 mg/L	M-COT-1.0	August 24, 2017
Total Organic Carbon (T.O.C.)	5.8 mg/L	M-COT-1.0	August 24, 2017
Chlorophyll A	2.5 µg/L	Sous-traitance\H2Lab inc. (SAM)	August 31, 2017
Chloride	4.4 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Chrome (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Chromium (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Cobalt (Co)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Cobalt (Co)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Conductivity	223 µmhos/cm	M-TIT-1.0	August 23, 2017
Colour	2 Colour units	Sous-traitance\Multilab Direct	August 24, 2017
Copper (Cu)	0.0028 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Copper (Cu)	0.0030 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Cyanide W.A.D.	0.010 mg/L	Sous-traitance\Multilab Direct	September 01, 2017
Total Cyanide (CNT)	0.015 mg/L	Sous-traitance\Multilab Direct	September 01, 2017
Hardness	91 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	September 06, 2017
Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
dissolved Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 29, 2017

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Analytical Report

Lab number: V-67044

Sample name: NP2 East KIA

Sampling location: NP2 East KIA

Sampling date: August 22, 2017

Sampling hour: 09:45

Parameter	Result	Method name	Analysis date
Iron (Fe)	0.11 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Iron (Fe)	0.01 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Fluoride (F)	0.12 mg/L	Sous-traitance\Multilab Direct	September 01, 2017
Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Dissolved Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Total Suspended Solids	<1 mg/L	M-SOLI-1.0	August 24, 2017
Magnesium (Mg)	7.96 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Magnesium (Mg)	6.94 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Manganese (Mn)	0.0110 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Manganese (Mn)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Dissolved Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Molybdenum (Mo)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Molybdenum (Mo)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Ammonia NH3 (non-ionized)	<0.05 mg N/L	Sous-traitance\H2Lab inc. (SAM)	August 25, 2017
Nickel (Ni)	0.0023 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Nickel (Ni)	0.0012 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Nitrate (NO3)	0.03 mg N/L	Sous-traitance\Multilab Direct	August 24, 2017
Nitrite (NO2)	<0.01 mg N/L	Sous-traitance\Multilab Direct	August 24, 2017
Ortho-Phosphate (O-PO4)	<0.01 mg P/L	Sous-traitance\Multilab Direct	August 24, 2017
Dissolved oxygen	9.6 mg/L	Sous-traitance\Multilab Direct	August 24, 2017
pH	7.96	M-TIT-1.0	August 22, 2017
Total Phosphorus (P) (Trace)	6.9 µg P/L	Sous-traitance\H2Lab inc. (SAM)	August 31, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Potassium (K)	2.73 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Reactive silica (SiO2)	0.42 mg/L	Sous-traitance\Maxxam	August 28, 2017
Sodium (Na)	10.8 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Solids	149 mg/L	M-TIT-1.0	August 23, 2017
Strontium (Sr)	0.080 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
dissolved Strontium (Sr)	0.078 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Sulfate (SO4)	45.1 mg SO4/L	Sous-traitance\Multilab Direct	August 31, 2017
Tellurium (Te)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Dissolved thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Thiocyanate (SCN)	<0.05 mg SCN/L	Sous-traitance\Multilab Direct	August 30, 2017
Thiosulfates (S2O3)	<0.02 mg S2O3/L	Sous-traitance\Multilab Direct	August 28, 2017
Titanium (Ti)	0.02 mg/L	Sous-traitance\Multilab Direct	September 06, 2017

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Analytical Report

Lab number: V-67044

Sample name: NP2 East KIA

Sampling date: August 22, 2017

Sampling location: NP2 East KIA

Sampling hour: 09:45

Parameter	Result	Method name	Analysis date
Dissolved titanium (Ti)	0.02 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Turbidity	1.28 NTU	Sous-traitance\Multilab Direct	August 24, 2017
Uranium (U)	0.001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Uranium (U)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Vanadium (V)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Vanadium	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Zinc (Zn)	0.004 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Zinc	0.001 mg/L	Sous-traitance\Multilab Direct	August 29, 2017

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Detection limit

Lab number: V-67044

Sample name: NP2 East KIA

Sampling date: August 22, 2017

Sampling location: NP2 East KIA

Sampling hour: 09:45

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO ₃ /L	M-TIT-1.0	
Aluminium (Al)	0.006	mg/L	Sous-traitance	
Dissolved Aluminium (Al)	0.006	mg/L	Sous-traitance	
Antimony (Sb)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Antimony (Sb)	0.0001	mg/L	Sous-traitance	
Silver (Ag)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Silver (Ag)	0.0001	mg/L	Sous-traitance	
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Arsenic (As)	0.0005	mg/L	Sous-traitance	
Kjeldahl nitrogen	0.05	mg N/L	Sous-traitance	
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Barium (Ba)	0.0005	mg/L	Sous-traitance	
Beryllium (Be)	0.0005	mg/L	Sous-traitance	
Dissolved Beryllium (Be)	0.0005	mg/L	Sous-traitance	
bicarbonate (HCO ₃)	2	mg CaCO ₃ /L	M-TIT-1.0	
Boron (B)	0.01	mg/L	Sous-traitance	Yes
Dissolved Boron (B)	0.01	mg/L	Sous-traitance	
Bromides	0.01	mg/L	Sous-traitance	
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Dissolved Cadmium (Cd)	0.00002	mg/L	Sous-traitance	
Calcium (Ca)	0.03	mg/L	Sous-traitance	Yes
Carbonate (CO ₃)	2	mg CaCO ₃ /L	M-TIT-1.0	
Dissolved Organic Carbon (D.O.C.)	0.2	mg/L	M-COT-1.0	--
Total Organic Carbon (T.O.C.)	0.2	mg/L	M-COT-1.0	Yes
Chlorophyll A	0.13	µg/L	Sous-traitance	
Chloride	0.5	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Dissolved Chromium (Cr)	0.0006	mg/L	Sous-traitance	
Cobalt (Co)	0.0005	mg/L	Sous-traitance	
Dissolved Cobalt (Co)	0.0005	mg/L	Sous-traitance	
Conductivity	1	µmhos/cm	M-TIT-1.0	Yes
Colour	1	UCV	Sous-traitance	Yes
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Copper (Cu)	0.0005	mg/L	Sous-traitance	
Cyanide W.A.D.	0.001	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO ₃ /L	Sous-traitance	
Tin (Sn)	0.001	mg/L	Sous-traitance	Yes
dissolved Tin (Sn)	0.001	mg/L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes

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Detection limit

Lab number: V-67044

Sample name: NP2 East KIA

Sampling date: August 22, 2017

Sampling location: NP2 East KIA

Sampling hour: 09:45

Parameter	Value	Unit	Method	Accreditation
Dissolved Iron (Fe)	0.01	mg/L	Sous-traitance	
Fluoride (F)	0.02	mg/L	Sous-traitance	Yes
Lithium (Li)	0.005	mg/L	Sous-traitance	
Dissolved Lithium (Li)	0.005	mg/L	Sous-traitance	
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Magnesium (Mg)	0.02	mg/L	Sous-traitance	Yes
Dissolved Magnesium (Mg)	0.02	mg/L	Sous-traitance	
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Manganese (Mn)	0.0005	mg/L	Sous-traitance	
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Dissolved Mercury (Hg)	0.00001	mg/L	Sous-traitance	
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Nickel (Ni)	0.0005	mg/L	Sous-traitance	
Nitrate (NO3)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO2)	0.01	mg N/L	Sous-traitance	Yes
Ortho-Phosphate (O-PO4)	0.01	mg P/L	Sous-traitance	Yes
Dissolved oxygen	0.1	mg/L	Sous-traitance	
pH			M-TIT-1.0	Yes
Total Phosphorus (P) (Trace)	1.9	µg P/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Dissolved Lead (Pb)	0.0003	mg/L	Sous-traitance	
Potassium (K)	0.05	mg/L	Sous-traitance	
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Dissolved Selenium (Se)	0.001	mg/L	Sous-traitance	
Reactive silica (SiO2)		mg/L	Sous-traitance	
Sodium (Na)	0.05	mg/L	Sous-traitance	Yes
Dissolved Solids	1	mg/L	M-TIT-1.0	
Strontium (Sr)	0.005	mg/L	Sous-traitance	
dissolved Strontium (Sr)	0.005	mg/L	Sous-traitance	
Sulfate (SO4)	0.6	mg SO4/L	Sous-traitance	Yes
Tellurium (Te)	0.0005	mg/L	Sous-traitance	
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Dissolved thallium (Tl)	0.0008	mg/L	Sous-traitance	
Thiocyanate (SCN)	0.05	mg SCN/L	Sous-traitance	Yes
Thiosulfates (S2O3)	0.02	mg S2O3/L	Sous-traitance	Yes
Titanium (Ti)	0.01	mg/L	Sous-traitance	
Dissolved titanium (Ti)	0.01	mg/L	Sous-traitance	
Turbidity	0.02	UTN	Sous-traitance	Yes

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Detection limit

Lab number: V-67044

Sample name: NP2 East KIA

Sampling date: August 22, 2017

Sampling location: NP2 East KIA

Sampling hour: 09:45

Parameter	Value	Unit	Method	Accreditation
Uranium (U)	0.001	mg/L	Sous-traitance	
Dissolved Uranium (U)	0.001	mg/L	Sous-traitance	
Vanadium (V)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Vanadium	0.0005	mg/L	Sous-traitance	
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes
Dissolved Zinc	0.001	mg/L	Sous-traitance	

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Quality control Report

Lab number: V-67044

Sample name: NP2 East KIA

Sampling location: NP2 East KIA

Sampling date: August 22, 2017

Sampling hour: 09:45

Parameter	
Alkalinity mg CaCO3/L	Standard name STD alcalinité Result 151 Accuracy 95.9% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006
	Standard name C00-046-705_X_1000 Result 0.997 Accuracy 99.7% Limit 0.800 - 1.200
Dissolved Aluminium (Al) mg/L	Blank <0.006
	Standard name DMR-0219-2017-Eu Result 6.28 Accuracy 99.8% Limit 5.02 - 7.52
Antimony (Sb) mg/L	Blank <0.0001
	Standard name C00-046-705_X_1000 Result 0.0116 Accuracy 84% Limit 0.0080 - 0.0120
Dissolved Antimony (Sb) mg/L	Blank <0.0001
	Standard name DMR-0219-2017-Eu Result 0.2262 Accuracy 98.1% Limit 0.178 - 0.266
Silver (Ag) mg/L	Blank <0.0001
	Standard name DMR-0343-2017-Ag Result 0.7045 Accuracy 87.8% Limit 0.642 - 0.962
Dissolved Silver (Ag) mg/L	Blank <0.0001
	Standard name DMR-0343-2017-Ag Result 0.8046 Accuracy 99.7% Limit 0.642 - 0.962
Arsenic (As) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000 Result 0.0880 Accuracy 88% Limit 0.0700 - 0.1300
Dissolved Arsenic (As) mg/L	Blank <0.0005

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Quality control Report

Lab number: V-67044

Sample name: NP2 East KIA

Sampling location: NP2 East KIA

Sampling date: August 22, 2017

Sampling hour: 09:45

Parameter	
	Standard name DMR-0219-2017-Eu
	Result 0.3468
	Accuracy 77.9%
	Limit 0.199 - 0.369
Barium (Ba) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0909
	Accuracy 90.9%
	Limit 0.0800 - 0.1200
Dissolved Barium (Ba) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 2.881
	Accuracy 81.4%
	Limit 1.94 - 2.92
Beryllium (Be) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1054
	Accuracy 94.6%
	Limit 0.0800 - 0.1200
Dissolved Beryllium (Be) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.922
	Accuracy 86.9%
	Limit 1.36 - 2.04
Boron (B) mg/L	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.07
	Accuracy 93%
	Limit 0.800 - 1.200
Dissolved Boron (B) mg/L	Blank <0.01
	Standard name DMR-0219-2017-Eu
	Result 3.17
	Accuracy 89.9%
	Limit 2.30 - 3.46
Bromides mg/L	Blank <0.01
	Standard name DMR-0119-2017-Br
	Result 5.52
	Accuracy 98%
	Limit 4.50 - 6.76
Cadmium (Cd) mg/L	Blank <0.00002

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Quality control Report

Lab number: V-67044

Sample name: NP2 East KIA

Sampling location: NP2 East KIA

Sampling date: August 22, 2017

Sampling hour: 09:45

Parameter	
	Standard name C00-046-705_X_1000
	Result 0.10785
	Accuracy 92.2%
	Limit 0.0800 - 0.1200
Dissolved Cadmium (Cd) mg/L	Blank <0.00002
	Standard name DMR-0219-2017-Eu
	Result 1.0050
	Accuracy 88.5%
	Limit 0.721 - 1.081
Calcium (Ca) mg/L	Blank <0.03
	Standard name C00-046-705_X_1000
	Result 0.95
	Accuracy 95%
	Limit 0.800 - 1.200
Dissolved Organic Carbon (D.O.C.) mg/L	Blank <0.2
	Standard name COD 10mg/L
	Result 10
	Accuracy 100%
	Limit 8 - 12
Total Organic Carbon (T.O.C.) mg/L	Blank <0.2
	Standard name COT 10mg/L
	Result 10
	Accuracy 100%
	Limit 8 - 12
Chloride mg/L	Blank <0.5
	Standard name DMR-0417-2017-Cl
	Result 113
	Accuracy 95.4%
	Limit 95 - 121
Chrome (Cr) mg/L	Blank <0.0006
	Standard name C00-046-705_X_1000
	Result 0.1001
	Accuracy 99.9%
	Limit 0.0800 - 0.1200
Dissolved Chromium (Cr) mg/L	Blank <0.0006
	Standard name DMR-0219-2017-Eu
	Result 4.185
	Accuracy 96.7%
	Limit 3.24 - 4.86
Cobalt (Co) mg/L	Blank <0.0005

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Quality control Report

Lab number: V-67044

Sample name: NP2 East KIA

Sampling location: NP2 East KIA

Sampling date: August 22, 2017

Sampling hour: 09:45

Parameter	
	Standard name C00-046-705_X_1000
	Result 0.1040
	Accuracy 96%
	Limit 0.0800 - 0.1200
Dissolved Cobalt (Co) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.618
	Accuracy 96.3%
	Limit 1.25 - 1.87
Conductivity µmhos/cm	Standard name STD cond maison
	Result 1404
	Accuracy 99.2%
	Limit 1203 - 1627
Colour UCV	Blank <1
	Standard name DMR-0417-2017-Coul
	Result 90
	Accuracy 96.6%
	Limit 67 - 107
Copper (Cu) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1079
	Accuracy 92.1%
	Limit 0.0800 - 0.1200
Dissolved Copper (Cu) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.485
	Accuracy 84%
	Limit 1.02 - 1.54
Cyanide W.A.D. mg/L	Blank <0.001
	Standard name DMR-0343-CN
	Result 0.921
	Accuracy 95.7%
	Limit 0.751 - 1.015
Total Cyanide (CNT) mg/L	Blank <0.001
	Standard name DMR-0343-CN
	Result 1.28
	Accuracy 91.5%
	Limit 1.003 - 1.357
Tin (Sn) mg/L	Blank <0.001
	Standard name DMR-0310-2016-Sn

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Quality control Report

Lab number: V-67044

Sample name: NP2 East KIA

Sampling location: NP2 East KIA

Sampling date: August 22, 2017

Sampling hour: 09:45

Parameter	
dissolved Tin (Sn) mg/L	Result 7.36
	Accuracy 81.1%
	Limit 7.26 - 10.88
	Blank <0.001
	Standard name DMR-0310-2016-Sn
Iron (Fe) mg/L	Result 9.75
	Accuracy 92.5%
	Limit 6.35 - 11.79
	Blank <0.01
	Standard name C00-046-705_X_1000
Dissolved Iron (Fe) mg/L	Result 1.13
	Accuracy 87%
	Limit 0.800 - 1.200
	Blank <0.01
	Standard name DMR-0219-2017-Eu
Fluoride (F) mg/L	Result 13.5
	Accuracy 81.6%
	Limit 9.1 - 13.7
	Blank <0.02
	Standard name DMR-0417-2017-F
Lithium (Li) mg/L	Result 2.29
	Accuracy 99.6%
	Limit 2.13 - 2.47
	Blank <0.005
	Dissolved Lithium (Li) mg/L
Total Suspended Solids mg/L	Blank <1
	Standard name STD-MES 25mg/L
	Result 23
	Accuracy 92%
	Limit 19 - 31
Magnesium (Mg) mg/L	Blank <0.02
	Standard name C00-046-705_X_1000
	Result 0.95
	Accuracy 95%
	Limit 0.800 - 1.200
Dissolved Magnesium (Mg) mg/L	Blank <0.02
	Standard name DMR-0219-2017-Eu
	Result 8.09
	Accuracy 97.7%
	Limit 6.33 - 9.49

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Quality control Report

Lab number: V-67044

Sample name: NP2 East KIA

Sampling location: NP2 East KIA

Sampling date: August 22, 2017

Sampling hour: 09:45

Parameter	
Manganese (Mn) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1052 Accuracy 94.8% Limit 0.0800 - 0.1200
Dissolved Manganese (Mn) mg/L	Blank <0.0005 Standard name DMR-0219-2017-Eu Result 4.027 Accuracy 96.7% Limit 3.12 - 4.68
Mercury (Hg) mg/L	Blank <0.00001 Standard name DMR-0343-2017-HgEu Result 0.00047 Accuracy 67.1% Limit 0.00042 - 0.00098
Dissolved Mercury (Hg) mg/L	Blank <0.00001 Standard name DMR-0343-2017-HgEu Result 0.00045 Accuracy 64.3% Limit 0.00042 - 0.00098
Molybdenum (Mo) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1041 Accuracy 95.9% Limit 0.0800 - 0.1200
Dissolved Molybdenum (Mo) mg/L	Blank <0.0005 Standard name DMR-0219-2017-Eu Result 0.7358 Accuracy 96.1% Limit 0.566 - 0.850
Nickel (Ni) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1081 Accuracy 91.9% Limit 0.0800 - 0.1200
Dissolved Nickel (Ni) mg/L	Blank <0.0005 Standard name DMR-0219-2017-Eu Result 1.216 Accuracy 93.3% Limit 0.91 - 1.37

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Quality control Report

Lab number: V-67044

Sample name: NP2 East KIA

Sampling location: NP2 East KIA

Sampling date: August 22, 2017

Sampling hour: 09:45

Parameter	
Nitrate (NO ₃) mg N/L	Blank <0.01
Nitrite (NO ₂) mg N/L	Blank <0.01
	Standard name DMR-0417-2017-NO2
	Result 2.73
	Accuracy 99.3%
	Limit 2.30 - 3.12
Ortho-Phosphate (O-PO ₄) mg P/	Blank <0.01
	Standard name DMR-0417-2017-OPO4
	Result 2.82
	Accuracy 88.4%
	Limit 2.81 - 3.57
pH	Standard name STD pH 7.0
	Result 7.00
	Accuracy 100%
	Limit 6.96 - 7.04
Lead (Pb) mg/L	Blank <0.0003
	Standard name C00-046-705_X_1000
	Result 0.0839
	Accuracy 83.9%
	Limit 0.0800 - 0.1200
Dissolved Lead (Pb) mg/L	Blank <0.0003
	Standard name DMR-0219-2017-Eu
	Result 0.9576
	Accuracy 94%
	Limit 0.722 - 1.084
Potassium (K) mg/L	Blank <0.05
	Standard name C00-046-705_X_1000
	Result 0.90
	Accuracy 90%
	Limit 0.800 - 1.200
Selenium (Se) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.111
	Accuracy 89%
	Limit 0.0800 - 0.1200
Dissolved Selenium (Se) mg/L	Blank <0.001
	Standard name DMR-0219-2017-Eu
	Result 1.60
	Accuracy 81.5%
	Limit 1.08 - 1.62

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Quality control Report

Lab number: V-67044

Sample name: NP2 East KIA

Sampling location: NP2 East KIA

Sampling date: August 22, 2017

Sampling hour: 09:45

Parameter	
Sodium (Na) mg/L	Blank <0.05 Standard name C00-046-705_X_1000 Result 0.94 Accuracy 94% Limit 0.800 - 1.200
Strontium (Sr) mg/L	Blank <0.005
dissolved Strontium (Sr) mg/L	Blank <0.005
Sulfate (SO4) mg SO4/L	Blank <0.6 Standard name DMR-0417-2017-SO4 Result 116 Accuracy 94.3% Limit 114 - 132
Tellurium (Te) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1079 Accuracy 92.1% Limit 0.0800 - 0.1200
Thallium (Tl) mg/L	Blank <0.0008
Dissolved thallium (Tl) mg/L	Blank <0.0008
Thiocyanate (SCN) mg SCN/L	Blank <0.05 Standard name STD SCN 568ppm Result 593 Accuracy 95.6% Limit 398 - 738
Thiosulfates (S2O3) mg S2O3/L	Blank <0.02 Standard name S2O3-225ppm Result 232 Accuracy 96.9% Limit 158 - 293
Titanium (Ti) mg/L	Blank <0.01
Dissolved titanium (Ti) mg/L	Blank <0.01
Turbidity UTN	Standard name DMR-0417-2017-Turb Result 5.87 Accuracy 86.9% Limit 4.41 - 5.97
Uranium (U) mg/L	Blank <0.001 Standard name C00-046-705_X_1000 Result 0.104 Accuracy 96% Limit 0.0800 - 0.1200

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Quality control Report

Lab number: V-67044

Sample name: NP2 East KIA

Sampling location: NP2 East KIA

Sampling date: August 22, 2017

Sampling hour: 09:45

Parameter

Dissolved Uranium (U) mg/L	Blank <0.001 Standard name DMR-0219-2017-Eu Result 1.89 Accuracy 92.6% Limit 1.41 - 2.11
Vanadium (V) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1039 Accuracy 96.1% Limit 0.0800 - 0.1200
Dissolved Vanadium mg/L	Blank <0.0005 Standard name DMR-0219-2017-Eu Result 1.987 Accuracy 99.8% Limit 1.59 - 2.39
Zinc (Zn) mg/L	Blank <0.001 Standard name C00-046-705_X_1000 Result 0.102 Accuracy 98% Limit 0.0800 - 0.1200
Dissolved Zinc mg/L	Blank <0.001 Standard name DMR-0219-2017-Eu Result 5.19 Accuracy 86.2% Limit 3.65 - 5.47

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Additional information

Lab number: V-67044

Sample name: NP2 East KIA

Sampling location: NP2 East KIA

Sampling date: August 22, 2017

Sampling hour: 09:45

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-CL-2.0	MA.300-Ions 1.3
M-COUL-1.0	MA.103-Col. 2.0
M-CN-1.0	MA.300-CN 1.2
M-CI-1.0	MA.300-Anions 1.0
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-P-2.0	MA.303-P 1.1
M-SULF-2.0	MA.300-Ions 1.3
M-TURB-1.0	MA.103-Tur. 1.0

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-67042

Sampling location: NP2 South KIA DUP

Sampling date: August 22, 2017

Sample name: NP2 South KIA DUP

Sampling hour: 09:30

Sampled by: Fanny L. Martin T.

Date received: August 23, 2017

Matrix: Water

Reported on: September 11, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Lab number: V-67042

Sample name: NP2 South KIA DUP

Sampling date: August 22, 2017

Sampling location: NP2 South KIA DUP

Sampling hour: 09:30

Parameter	Result	Method name	Analysis date
Alkalinity	62 mg CaCO ₃ /L	M-TIT-1.0	August 23, 2017
Aluminium (Al)	0.019 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Antimony (Sb)	<0.0001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Antimony (Sb)	<0.0001 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	0.05 mg N/L	Sous-traitance\H2Lab inc. (SAM)	August 25, 2017
Kjeldahl nitrogen	0.7 mg N/L	Sous-traitance\H2Lab inc. (SAM)	August 31, 2017
Barium (Ba)	0.0080 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Barium (Ba)	0.0072 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
bicarbonate (HCO ₃)	62 mg CaCO ₃ /L	M-TIT-1.0	August 23, 2017
Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Bromides	0.04 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Calcium (Ca)	21.0 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Carbonate (CO ₃)	<2 mg CaCO ₃ /L	M-TIT-1.0	August 23, 2017
Dissolved Organic Carbon (D.O.C.)	6.1 mg/L	M-COT-1.0	August 24, 2017
Total Organic Carbon (T.O.C.)	6.1 mg/L	M-COT-1.0	August 24, 2017
Chlorophyll A	1.9 µg/L	Sous-traitance\H2Lab inc. (SAM)	August 31, 2017
Chloride	4.7 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Chrome (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Chromium (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Cobalt (Co)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Cobalt (Co)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Conductivity	231 µmhos/cm	M-TIT-1.0	August 23, 2017
Colour	5 Colour units	Sous-traitance\Multilab Direct	August 24, 2017
Copper (Cu)	0.0033 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Copper (Cu)	0.0034 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Cyanide W.A.D.	0.010 mg/L	Sous-traitance\Multilab Direct	September 01, 2017
Total Cyanide (CNT)	0.014 mg/L	Sous-traitance\Multilab Direct	September 01, 2017
Hardness	81 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	September 06, 2017
Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
dissolved Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 29, 2017

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Analytical Report

Lab number: V-67042

Sample name: NP2 South KIA DUP

Sampling date: August 22, 2017

Sampling location: NP2 South KIA DUP

Sampling hour: 09:30

Parameter	Result	Method name	Analysis date
Iron (Fe)	0.24 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Iron (Fe)	0.09 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Fluoride (F)	0.12 mg/L	Sous-traitance\Multilab Direct	September 01, 2017
Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Dissolved Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Total Suspended Solids	2 mg/L	M-SOLI-1.0	August 24, 2017
Magnesium (Mg)	7.01 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Magnesium (Mg)	7.70 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Manganese (Mn)	0.0240 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Manganese (Mn)	0.0155 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Dissolved Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Molybdenum (Mo)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Molybdenum (Mo)	0.0005 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Ammonia NH3 (non-ionized)	<0.05 mg N/L	Sous-traitance\H2Lab inc. (SAM)	August 25, 2017
Nickel (Ni)	0.0046 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Nickel (Ni)	0.0048 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Nitrate (NO3)	0.04 mg N/L	Sous-traitance\Multilab Direct	August 24, 2017
Nitrite (NO2)	<0.01 mg N/L	Sous-traitance\Multilab Direct	August 24, 2017
Ortho-Phosphate (O-PO4)	<0.01 mg P/L	Sous-traitance\Multilab Direct	August 24, 2017
Dissolved oxygen	8.8 mg/L	Sous-traitance\Multilab Direct	August 24, 2017
pH	7.66	M-TIT-1.0	August 23, 2017
Total Phosphorus (P) (Trace)	12 µg P/L	Sous-traitance\H2Lab inc. (SAM)	August 31, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Potassium (K)	2.34 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Reactive silica (SiO2)	0.41 mg/L	Sous-traitance\Maxxam	August 28, 2017
Sodium (Na)	9.80 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Solids	154 mg/L	M-TIT-1.0	August 23, 2017
Strontium (Sr)	0.081 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
dissolved Strontium (Sr)	0.083 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Sulfate (SO4)	46.2 mg SO4/L	Sous-traitance\Multilab Direct	August 31, 2017
Tellurium (Te)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Dissolved thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Thiocyanate (SCN)	<0.05 mg SCN/L	Sous-traitance\Multilab Direct	August 30, 2017
Thiosulfates (S2O3)	<0.02 mg S2O3/L	Sous-traitance\Multilab Direct	August 28, 2017
Titanium (Ti)	0.02 mg/L	Sous-traitance\Multilab Direct	September 06, 2017

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Analytical Report

Lab number: V-67042

Sample name: NP2 South KIA DUP

Sampling date: August 22, 2017

Sampling location: NP2 South KIA DUP

Sampling hour: 09:30

Parameter	Result	Method name	Analysis date
Dissolved titanium (Ti)	0.02 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Turbidity	1.76 NTU	Sous-traitance\Multilab Direct	August 24, 2017
Uranium (U)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Uranium (U)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Vanadium (V)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Vanadium	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Zinc (Zn)	0.002 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Zinc	<0.001 mg/L	Sous-traitance\Multilab Direct	August 29, 2017

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Detection limit

Lab number: V-67042

Sample name: NP2 South KIA DUP

Sampling date: August 22, 2017

Sampling location: NP2 South KIA DUP

Sampling hour: 09:30

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO ₃ /L	M-TIT-1.0	
Aluminium (Al)	0.006	mg/L	Sous-traitance	
Dissolved Aluminium (Al)	0.006	mg/L	Sous-traitance	
Antimony (Sb)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Antimony (Sb)	0.0001	mg/L	Sous-traitance	
Silver (Ag)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Silver (Ag)	0.0001	mg/L	Sous-traitance	
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Arsenic (As)	0.0005	mg/L	Sous-traitance	
Kjeldahl nitrogen	0.05	mg N/L	Sous-traitance	
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Barium (Ba)	0.0005	mg/L	Sous-traitance	
Beryllium (Be)	0.0005	mg/L	Sous-traitance	
Dissolved Beryllium (Be)	0.0005	mg/L	Sous-traitance	
bicarbonate (HCO ₃)	2	mg CaCO ₃ /L	M-TIT-1.0	
Boron (B)	0.01	mg/L	Sous-traitance	Yes
Dissolved Boron (B)	0.01	mg/L	Sous-traitance	
Bromides	0.01	mg/L	Sous-traitance	
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Dissolved Cadmium (Cd)	0.00002	mg/L	Sous-traitance	
Calcium (Ca)	0.03	mg/L	Sous-traitance	Yes
Carbonate (CO ₃)	2	mg CaCO ₃ /L	M-TIT-1.0	
Dissolved Organic Carbon (D.O.C.)	0.2	mg/L	M-COT-1.0	--
Total Organic Carbon (T.O.C.)	0.2	mg/L	M-COT-1.0	Yes
Chlorophyll A	0.13	µg/L	Sous-traitance	
Chloride	0.5	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Dissolved Chromium (Cr)	0.0006	mg/L	Sous-traitance	
Cobalt (Co)	0.0005	mg/L	Sous-traitance	
Dissolved Cobalt (Co)	0.0005	mg/L	Sous-traitance	
Conductivity	1	µmhos/cm	M-TIT-1.0	Yes
Colour	1	UCV	Sous-traitance	Yes
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Copper (Cu)	0.0005	mg/L	Sous-traitance	
Cyanide W.A.D.	0.001	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO ₃ /L	Sous-traitance	
Tin (Sn)	0.001	mg/L	Sous-traitance	Yes
dissolved Tin (Sn)	0.001	mg/L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes

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Detection limit

Lab number: V-67042

Sample name: NP2 South KIA DUP

Sampling date: August 22, 2017

Sampling location: NP2 South KIA DUP

Sampling hour: 09:30

Parameter	Value	Unit	Method	Accreditation
Dissolved Iron (Fe)	0.01	mg/L	Sous-traitance	
Fluoride (F)	0.02	mg/L	Sous-traitance	Yes
Lithium (Li)	0.005	mg/L	Sous-traitance	
Dissolved Lithium (Li)	0.005	mg/L	Sous-traitance	
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Magnesium (Mg)	0.02	mg/L	Sous-traitance	Yes
Dissolved Magnesium (Mg)	0.02	mg/L	Sous-traitance	
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Manganese (Mn)	0.0005	mg/L	Sous-traitance	
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Dissolved Mercury (Hg)	0.00001	mg/L	Sous-traitance	
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Nickel (Ni)	0.0005	mg/L	Sous-traitance	
Nitrate (NO3)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO2)	0.01	mg N/L	Sous-traitance	Yes
Ortho-Phosphate (O-PO4)	0.01	mg P/L	Sous-traitance	Yes
Dissolved oxygen	0.1	mg/L	Sous-traitance	
pH			M-TIT-1.0	Yes
Total Phosphorus (P) (Trace)	1.9	µg P/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Dissolved Lead (Pb)	0.0003	mg/L	Sous-traitance	
Potassium (K)	0.05	mg/L	Sous-traitance	
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Dissolved Selenium (Se)	0.001	mg/L	Sous-traitance	
Reactive silica (SiO2)		mg/L	Sous-traitance	
Sodium (Na)	0.05	mg/L	Sous-traitance	Yes
Dissolved Solids	1	mg/L	M-TIT-1.0	
Strontium (Sr)	0.005	mg/L	Sous-traitance	
dissolved Strontium (Sr)	0.005	mg/L	Sous-traitance	
Sulfate (SO4)	0.6	mg SO4/L	Sous-traitance	Yes
Tellurium (Te)	0.0005	mg/L	Sous-traitance	
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Dissolved thallium (Tl)	0.0008	mg/L	Sous-traitance	
Thiocyanate (SCN)	0.05	mg SCN/L	Sous-traitance	Yes
Thiosulfates (S2O3)	0.02	mg S2O3/L	Sous-traitance	Yes
Titanium (Ti)	0.01	mg/L	Sous-traitance	
Dissolved titanium (Ti)	0.01	mg/L	Sous-traitance	
Turbidity	0.02	UTN	Sous-traitance	Yes

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Detection limit

Lab number: V-67042

Sample name: NP2 South KIA DUP

Sampling date: August 22, 2017

Sampling location: NP2 South KIA DUP

Sampling hour: 09:30

Parameter	Value	Unit	Method	Accreditation
Uranium (U)	0.001	mg/L	Sous-traitance	
Dissolved Uranium (U)	0.001	mg/L	Sous-traitance	
Vanadium (V)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Vanadium	0.0005	mg/L	Sous-traitance	
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes
Dissolved Zinc	0.001	mg/L	Sous-traitance	

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Quality control Report

Lab number: V-67042

Sample name: NP2 South KIA DUP

Sampling date: August 22, 2017

Sampling location: NP2 South KIA DUP

Sampling hour: 09:30

Parameter	
Alkalinity mg CaCO3/L	Standard name STD alcalinité Result 151 Accuracy 95.9% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006
	Standard name C00-046-705_X_1000 Result 0.997 Accuracy 99.7% Limit 0.800 - 1.200
Dissolved Aluminium (Al) mg/L	Blank <0.006
	Standard name DMR-0219-2017-Eu Result 6.28 Accuracy 99.8% Limit 5.02 - 7.52
Antimony (Sb) mg/L	Blank <0.0001
	Standard name C00-046-705_X_1000 Result 0.0116 Accuracy 84% Limit 0.0080 - 0.0120
Dissolved Antimony (Sb) mg/L	Blank <0.0001
	Standard name DMR-0219-2017-Eu Result 0.2262 Accuracy 98.1% Limit 0.178 - 0.266
Silver (Ag) mg/L	Blank <0.0001
	Standard name DMR-0343-2017-Ag Result 0.7045 Accuracy 87.8% Limit 0.642 - 0.962
Dissolved Silver (Ag) mg/L	Blank <0.0001
	Standard name DMR-0343-2017-Ag Result 0.8046 Accuracy 99.7% Limit 0.642 - 0.962
Arsenic (As) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000 Result 0.0880 Accuracy 88% Limit 0.0700 - 0.1300
Dissolved Arsenic (As) mg/L	Blank <0.0005

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Quality control Report

Lab number: V-67042

Sample name: NP2 South KIA DUP

Sampling date: August 22, 2017

Sampling location: NP2 South KIA DUP

Sampling hour: 09:30

Parameter	
	Standard name DMR-0219-2017-Eu
	Result 0.3468
	Accuracy 77.9%
	Limit 0.199 - 0.369
Barium (Ba) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0909
	Accuracy 90.9%
	Limit 0.0800 - 0.1200
Dissolved Barium (Ba) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 2.881
	Accuracy 81.4%
	Limit 1.94 - 2.92
Beryllium (Be) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1054
	Accuracy 94.6%
	Limit 0.0800 - 0.1200
Dissolved Beryllium (Be) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.922
	Accuracy 86.9%
	Limit 1.36 - 2.04
Boron (B) mg/L	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.07
	Accuracy 93%
	Limit 0.800 - 1.200
Dissolved Boron (B) mg/L	Blank <0.01
	Standard name DMR-0219-2017-Eu
	Result 3.17
	Accuracy 89.9%
	Limit 2.30 - 3.46
Bromides mg/L	Blank <0.01
	Standard name DMR-0119-2017-Br
	Result 5.52
	Accuracy 98%
	Limit 4.50 - 6.76
Cadmium (Cd) mg/L	Blank <0.00002

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Quality control Report

Lab number: V-67042

Sample name: NP2 South KIA DUP

Sampling date: August 22, 2017

Sampling location: NP2 South KIA DUP

Sampling hour: 09:30

Parameter	
	Standard name C00-046-705_X_1000
	Result 0.10785
	Accuracy 92.2%
	Limit 0.0800 - 0.1200
Dissolved Cadmium (Cd) mg/L	Blank <0.00002
	Standard name DMR-0219-2017-Eu
	Result 1.0050
	Accuracy 88.5%
	Limit 0.721 - 1.081
Calcium (Ca) mg/L	Blank <0.03
	Standard name C00-046-705_X_1000
	Result 0.95
	Accuracy 95%
	Limit 0.800 - 1.200
Dissolved Organic Carbon (D.O.C.) mg/L	Blank <0.2
	Standard name COD 10mg/L
	Result 10
	Accuracy 100%
	Limit 8 - 12
Total Organic Carbon (T.O.C.) mg/L	Blank <0.2
	Standard name COT 10mg/L
	Result 10
	Accuracy 100%
	Limit 8 - 12
Chloride mg/L	Blank <0.5
	Standard name DMR-0417-2017-Cl
	Result 113
	Accuracy 95.4%
	Limit 95 - 121
Chrome (Cr) mg/L	Blank <0.0006
	Standard name C00-046-705_X_1000
	Result 0.1001
	Accuracy 99.9%
	Limit 0.0800 - 0.1200
Dissolved Chromium (Cr) mg/L	Blank <0.0006
	Standard name DMR-0219-2017-Eu
	Result 4.185
	Accuracy 96.7%
	Limit 3.24 - 4.86
Cobalt (Co) mg/L	Blank <0.0005

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Quality control Report

Lab number: V-67042

Sample name: NP2 South KIA DUP

Sampling date: August 22, 2017

Sampling location: NP2 South KIA DUP

Sampling hour: 09:30

Parameter	
	Standard name C00-046-705_X_1000
	Result 0.1040
	Accuracy 96%
	Limit 0.0800 - 0.1200
Dissolved Cobalt (Co) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.618
	Accuracy 96.3%
	Limit 1.25 - 1.87
Conductivity µmhos/cm	Standard name STD cond maison
	Result 1404
	Accuracy 99.2%
	Limit 1203 - 1627
Colour UCV	Blank <1
	Standard name DMR-0417-2017-Coul
	Result 90
	Accuracy 96.6%
	Limit 67 - 107
Copper (Cu) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1079
	Accuracy 92.1%
	Limit 0.0800 - 0.1200
Dissolved Copper (Cu) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.485
	Accuracy 84%
	Limit 1.02 - 1.54
Cyanide W.A.D. mg/L	Blank <0.001
	Standard name DMR-0343-CN
	Result 0.921
	Accuracy 95.7%
	Limit 0.751 - 1.015
Total Cyanide (CNT) mg/L	Blank <0.001
	Standard name DMR-0343-CN
	Result 1.28
	Accuracy 91.5%
	Limit 1.003 - 1.357
Tin (Sn) mg/L	Blank <0.001
	Standard name DMR-0310-2016-Sn

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Quality control Report

Lab number: V-67042

Sample name: NP2 South KIA DUP

Sampling date: August 22, 2017

Sampling location: NP2 South KIA DUP

Sampling hour: 09:30

Parameter	
dissolved Tin (Sn) mg/L	Result 7.36
	Accuracy 81.1%
	Limit 7.26 - 10.88
	Blank <0.001
	Standard name DMR-0310-2016-Sn
Iron (Fe) mg/L	Result 9.75
	Accuracy 92.5%
	Limit 6.35 - 11.79
	Blank <0.01
	Standard name C00-046-705_X_1000
Dissolved Iron (Fe) mg/L	Result 1.13
	Accuracy 87%
	Limit 0.800 - 1.200
	Blank <0.01
	Standard name DMR-0219-2017-Eu
Fluoride (F) mg/L	Result 13.5
	Accuracy 81.6%
	Limit 9.1 - 13.7
	Blank <0.02
	Standard name DMR-0417-2017-F
Lithium (Li) mg/L	Result 2.29
	Accuracy 99.6%
	Limit 2.13 - 2.47
Dissolved Lithium (Li) mg/L	Blank <0.005
Total Suspended Solids mg/L	Blank <1
Magnesium (Mg) mg/L	Standard name STD-MES 25mg/L
	Result 23
	Accuracy 92%
	Limit 19 - 31
	Blank <0.02
Dissolved Magnesium (Mg) mg/L	Standard name C00-046-705_X_1000
	Result 0.95
	Accuracy 95%
	Limit 0.800 - 1.200
	Blank <0.02
Dissolved Magnesium (Mg) mg/L	Standard name DMR-0219-2017-Eu
	Result 8.09
	Accuracy 97.7%
	Limit 6.33 - 9.49

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Quality control Report

Lab number: V-67042

Sample name: NP2 South KIA DUP

Sampling date: August 22, 2017

Sampling location: NP2 South KIA DUP

Sampling hour: 09:30

Parameter	
Manganese (Mn) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1052 Accuracy 94.8% Limit 0.0800 - 0.1200
Dissolved Manganese (Mn) mg/L	Blank <0.0005 Standard name DMR-0219-2017-Eu Result 4.027 Accuracy 96.7% Limit 3.12 - 4.68
Mercury (Hg) mg/L	Blank <0.00001 Standard name DMR-0343-2017-HgEu Result 0.00047 Accuracy 67.1% Limit 0.00042 - 0.00098
Dissolved Mercury (Hg) mg/L	Blank <0.00001 Standard name DMR-0343-2017-HgEu Result 0.00045 Accuracy 64.3% Limit 0.00042 - 0.00098
Molybdenum (Mo) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1041 Accuracy 95.9% Limit 0.0800 - 0.1200
Dissolved Molybdenum (Mo) mg/L	Blank <0.0005 Standard name DMR-0219-2017-Eu Result 0.7358 Accuracy 96.1% Limit 0.566 - 0.850
Nickel (Ni) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1081 Accuracy 91.9% Limit 0.0800 - 0.1200
Dissolved Nickel (Ni) mg/L	Blank <0.0005 Standard name DMR-0219-2017-Eu Result 1.216 Accuracy 93.3% Limit 0.91 - 1.37

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Quality control Report

Lab number: V-67042

Sample name: NP2 South KIA DUP

Sampling date: August 22, 2017

Sampling location: NP2 South KIA DUP

Sampling hour: 09:30

Parameter	
Nitrate (NO ₃) mg N/L	Blank <0.01
Nitrite (NO ₂) mg N/L	Blank <0.01
	Standard name DMR-0417-2017-NO2
	Result 2.73
	Accuracy 99.3%
	Limit 2.30 - 3.12
Ortho-Phosphate (O-PO ₄) mg P/L	Blank <0.01
	Standard name DMR-0417-2017-OPO4
	Result 2.82
	Accuracy 88.4%
	Limit 2.81 - 3.57
pH	Standard name STD pH 7.0
	Result 7.00
	Accuracy 100%
	Limit 6.96 - 7.04
Lead (Pb) mg/L	Blank <0.0003
	Standard name C00-046-705_X_1000
	Result 0.0839
	Accuracy 83.9%
	Limit 0.0800 - 0.1200
Dissolved Lead (Pb) mg/L	Blank <0.0003
	Standard name DMR-0219-2017-Eu
	Result 0.9576
	Accuracy 94%
	Limit 0.722 - 1.084
Potassium (K) mg/L	Blank <0.05
	Standard name C00-046-705_X_1000
	Result 0.90
	Accuracy 90%
	Limit 0.800 - 1.200
Selenium (Se) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.111
	Accuracy 89%
	Limit 0.0800 - 0.1200
Dissolved Selenium (Se) mg/L	Blank <0.001
	Standard name DMR-0219-2017-Eu
	Result 1.60
	Accuracy 81.5%
	Limit 1.08 - 1.62

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Quality control Report

Lab number: V-67042

Sample name: NP2 South KIA DUP

Sampling date: August 22, 2017

Sampling location: NP2 South KIA DUP

Sampling hour: 09:30

Parameter	
Sodium (Na) mg/L	Blank <0.05 Standard name C00-046-705_X_1000 Result 0.94 Accuracy 94% Limit 0.800 - 1.200
Strontium (Sr) mg/L	Blank <0.005
dissolved Strontium (Sr) mg/L	Blank <0.005
Sulfate (SO4) mg SO4/L	Blank <0.6 Standard name DMR-0417-2017-SO4 Result 116 Accuracy 94.3% Limit 114 - 132
Tellurium (Te) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1079 Accuracy 92.1% Limit 0.0800 - 0.1200
Thallium (Tl) mg/L	Blank <0.0008
Dissolved thallium (Tl) mg/L	Blank <0.0008
Thiocyanate (SCN) mg SCN/L	Blank <0.05 Standard name STD SCN 568ppm Result 593 Accuracy 95.6% Limit 398 - 738 Sample duplicate <0.05-<0.05
Thiosulfates (S2O3) mg S2O3/L	Blank <0.02 Standard name S2O3-225ppm Result 232 Accuracy 96.9% Limit 158 - 293
Titanium (Ti) mg/L	Blank <0.01
Dissolved titanium (Ti) mg/L	Blank <0.01
Turbidity UTN	Standard name DMR-0417-2017-Turb Result 5.87 Accuracy 86.9% Limit 4.41 - 5.97
Uranium (U) mg/L	Blank <0.001 Standard name C00-046-705_X_1000 Result 0.104 Accuracy 96%

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Quality control Report

Lab number: V-67042

Sample name: NP2 South KIA DUP

Sampling date: August 22, 2017

Sampling location: NP2 South KIA DUP

Sampling hour: 09:30

Parameter

Dissolved Uranium (U) mg/L
Limit 0.0800 - 0.1200
Blank <0.001
Standard name DMR-0219-2017-Eu
Result 1.89
Accuracy 92.6%

Vanadium (V) mg/L
Limit 1.41 - 2.11
Blank <0.0005
Standard name C00-046-705_X_1000
Result 0.1039
Accuracy 96.1%

Dissolved Vanadium mg/L
Limit 0.0800 - 0.1200
Blank <0.0005
Standard name DMR-0219-2017-Eu
Result 1.987
Accuracy 99.8%

Zinc (Zn) mg/L
Limit 1.59 - 2.39
Blank <0.001
Standard name C00-046-705_X_1000
Result 0.102
Accuracy 98%

Dissolved Zinc mg/L
Limit 0.0800 - 0.1200
Blank <0.001
Standard name DMR-0219-2017-Eu
Result 5.19
Accuracy 86.2%

Limit 3.65 - 5.47

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Additional information

Lab number: V-67042

Sample name: NP2 South KIA DUP

Sampling location: NP2 South KIA DUP

Sampling date: August 22, 2017

Sampling hour: 09:30

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-CL-2.0	MA.300-Ions 1.3
M-COUL-1.0	MA.103-Col. 2.0
M-CN-1.0	MA.300-CN 1.2
M-CI-1.0	MA.300-Anions 1.0
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-P-2.0	MA.303-P 1.1
M-SULF-2.0	MA.300-Ions 1.3
M-TURB-1.0	MA.103-Tur. 1.0

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-67043

Sampling location: NP2 South KIA FB

Sampling date: August 22, 2017

Sample name: NP2 South KIA FB

Sampling hour: 09:30

Sampled by: Fanny L. Martin T.

Date received: August 23, 2017

Matrix: Water

Drinking water distribution:

Reported on: September 11, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

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Analytical Report

Lab number: V-67043

Sample name: NP2 South KIA FB

Sampling date: August 22, 2017

Sampling location: NP2 South KIA FB

Sampling hour: 09:30

Parameter	Result	Method name	Analysis date
Alkalinity	14 mg CaCO ₃ /L	M-TIT-1.0	August 23, 2017
Aluminium (Al)	0.017 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Aluminium (Al)	0.019 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Antimony (Sb)	<0.0001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Antimony (Sb)	<0.0001 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Arsenic (As)	0.0005 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	<0.05 mg N/L	Sous-traitance\H2Lab inc. (SAM)	August 25, 2017
Kjeldahl nitrogen	<0.7 mg N/L	Sous-traitance\H2Lab inc. (SAM)	August 31, 2017
Barium (Ba)	0.0022 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Barium (Ba)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
bicarbonate (HCO ₃)	14 mg CaCO ₃ /L	M-TIT-1.0	August 23, 2017
Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Bromides	<0.01 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Calcium (Ca)	0.12 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Carbonate (CO ₃)	<2 mg CaCO ₃ /L	M-TIT-1.0	August 23, 2017
Dissolved Organic Carbon (D.O.C.)	0.2 mg/L	M-COT-1.0	August 24, 2017
Total Organic Carbon (T.O.C.)	0.5 mg/L	M-COT-1.0	August 24, 2017
Chloride	<0.5 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Chrome (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Chromium (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Cobalt (Co)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Cobalt (Co)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Conductivity	1 µmhos/cm	M-TIT-1.0	August 23, 2017
Colour	<1 Colour units	Sous-traitance\Multilab Direct	August 24, 2017
Copper (Cu)	0.0060 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Copper (Cu)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Cyanide W.A.D.	0.009 mg/L	Sous-traitance\Multilab Direct	September 01, 2017
Total Cyanide (CNT)	0.011 mg/L	Sous-traitance\Multilab Direct	September 01, 2017
Hardness	<1 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	September 06, 2017
Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
dissolved Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Iron (Fe)	0.02 mg/L	Sous-traitance\Multilab Direct	September 06, 2017

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Analytical Report

Lab number: V-67043

Sample name: NP2 South KIA FB

Sampling date: August 22, 2017

Sampling location: NP2 South KIA FB

Sampling hour: 09:30

Parameter	Result	Method name	Analysis date
Dissolved Iron (Fe)	<0.01 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Fluoride (F)	0.01 mg/L	Sous-traitance\Multilab Direct	September 01, 2017
Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Dissolved Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Total Suspended Solids	<1 mg/L	M-SOLI-1.0	August 24, 2017
Magnesium (Mg)	<0.02 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Magnesium (Mg)	<0.02 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Manganese (Mn)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Manganese (Mn)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Mercury (Hg)	0.00004 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Dissolved Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Molybdenum (Mo)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Molybdenum (Mo)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Ammonia NH3 (non-ionized)	<0.05 mg N/L	Sous-traitance\H2Lab inc. (SAM)	August 25, 2017
Nickel (Ni)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Nickel (Ni)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Nitrate (NO3)	<0.01 mg N/L	Sous-traitance\Multilab Direct	August 24, 2017
Nitrite (NO2)	<0.01 mg N/L	Sous-traitance\Multilab Direct	August 24, 2017
Ortho-Phosphate (O-PO4)	<0.01 mg P/L	Sous-traitance\Multilab Direct	August 24, 2017
Dissolved oxygen	9.6 mg/L	Sous-traitance\Multilab Direct	August 24, 2017
pH	5.39	M-TIT-1.0	August 22, 2017
Total Phosphorus (P) (Trace)	8.9 µg P/L	Sous-traitance\H2Lab inc. (SAM)	August 31, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Lead (Pb)	0.0008 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Potassium (K)	<0.05 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Reactive silica (SiO2)	0.17 mg/L	Sous-traitance\Maxxam	August 28, 2017
Sodium (Na)	<0.05 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Solids	<1 mg/L	M-TIT-1.0	August 23, 2017
Strontium (Sr)	<0.005 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
dissolved Strontium (Sr)	<0.005 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Sulfate (SO4)	1.5 mg SO4/L	Sous-traitance\Multilab Direct	August 31, 2017
Tellurium (Te)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Dissolved thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Thiocyanate (SCN)	<0.05 mg SCN/L	Sous-traitance\Multilab Direct	August 30, 2017
Thiosulfates (S2O3)	<0.02 mg S2O3/L	Sous-traitance\Multilab Direct	August 28, 2017
Titanium (Ti)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved titanium (Ti)	<0.01 mg/L	Sous-traitance\Multilab Direct	August 29, 2017

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Analytical Report

Lab number: V-67043

Sample name: NP2 South KIA FB

Sampling date: August 22, 2017

Sampling location: NP2 South KIA FB

Sampling hour: 09:30

Parameter	Result	Method name	Analysis date
Turbidity	0.35 NTU	Sous-traitance\Multilab Direct	August 24, 2017
Uranium (U)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Uranium (U)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Vanadium (V)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Vanadium	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Zinc (Zn)	0.002 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Zinc	0.002 mg/L	Sous-traitance\Multilab Direct	August 29, 2017

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Detection limit

Lab number: V-67043

Sample name: NP2 South KIA FB

Sampling date: August 22, 2017

Sampling location: NP2 South KIA FB

Sampling hour: 09:30

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO ₃ /L	M-TIT-1.0	
Aluminium (Al)	0.006	mg/L	Sous-traitance	
Dissolved Aluminium (Al)	0.006	mg/L	Sous-traitance	
Antimony (Sb)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Antimony (Sb)	0.0001	mg/L	Sous-traitance	
Silver (Ag)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Silver (Ag)	0.0001	mg/L	Sous-traitance	
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Arsenic (As)	0.0005	mg/L	Sous-traitance	
Kjeldahl nitrogen	0.05	mg N/L	Sous-traitance	
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Barium (Ba)	0.0005	mg/L	Sous-traitance	
Beryllium (Be)	0.0005	mg/L	Sous-traitance	
Dissolved Beryllium (Be)	0.0005	mg/L	Sous-traitance	
bicarbonate (HCO ₃)	2	mg CaCO ₃ /L	M-TIT-1.0	
Boron (B)	0.01	mg/L	Sous-traitance	Yes
Dissolved Boron (B)	0.01	mg/L	Sous-traitance	
Bromides	0.01	mg/L	Sous-traitance	
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Dissolved Cadmium (Cd)	0.00002	mg/L	Sous-traitance	
Calcium (Ca)	0.03	mg/L	Sous-traitance	Yes
Carbonate (CO ₃)	2	mg CaCO ₃ /L	M-TIT-1.0	
Dissolved Organic Carbon (D.O.C.)	0.2	mg/L	M-COT-1.0	--
Total Organic Carbon (T.O.C.)	0.2	mg/L	M-COT-1.0	Yes
Chloride	0.5	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Dissolved Chromium (Cr)	0.0006	mg/L	Sous-traitance	
Cobalt (Co)	0.0005	mg/L	Sous-traitance	
Dissolved Cobalt (Co)	0.0005	mg/L	Sous-traitance	
Conductivity	1	µmhos/cm	M-TIT-1.0	Yes
Colour	1	UCV	Sous-traitance	Yes
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Copper (Cu)	0.0005	mg/L	Sous-traitance	
Cyanide W.A.D.	0.001	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO ₃ /L	Sous-traitance	
Tin (Sn)	0.001	mg/L	Sous-traitance	Yes
dissolved Tin (Sn)	0.001	mg/L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes
Dissolved Iron (Fe)	0.01	mg/L	Sous-traitance	

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Detection limit

Lab number: V-67043

Sample name: NP2 South KIA FB

Sampling date: August 22, 2017

Sampling location: NP2 South KIA FB

Sampling hour: 09:30

Parameter	Value	Unit	Method	Accreditation
Fluoride (F)	0.02	mg/L	Sous-traitance	Yes
Lithium (Li)	0.005	mg/L	Sous-traitance	
Dissolved Lithium (Li)	0.005	mg/L	Sous-traitance	
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Magnesium (Mg)	0.02	mg/L	Sous-traitance	Yes
Dissolved Magnesium (Mg)	0.02	mg/L	Sous-traitance	
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Manganese (Mn)	0.0005	mg/L	Sous-traitance	
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Dissolved Mercury (Hg)	0.00001	mg/L	Sous-traitance	
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Nickel (Ni)	0.0005	mg/L	Sous-traitance	
Nitrate (NO ₃)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO ₂)	0.01	mg N/L	Sous-traitance	Yes
Ortho-Phosphate (O-PO ₄)	0.01	mg P/L	Sous-traitance	Yes
Dissolved oxygen	0.1	mg/L	Sous-traitance	
pH			M-TIT-1.0	Yes
Total Phosphorus (P) (Trace)	1.9	µg P/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Dissolved Lead (Pb)	0.0003	mg/L	Sous-traitance	
Potassium (K)	0.05	mg/L	Sous-traitance	
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Dissolved Selenium (Se)	0.001	mg/L	Sous-traitance	
Reactive silica (SiO ₂)		mg/L	Sous-traitance	
Sodium (Na)	0.05	mg/L	Sous-traitance	Yes
Dissolved Solids	1	mg/L	M-TIT-1.0	
Strontium (Sr)	0.005	mg/L	Sous-traitance	
dissolved Strontium (Sr)	0.005	mg/L	Sous-traitance	
Sulfate (SO ₄)	0.6	mg SO ₄ /L	Sous-traitance	Yes
Tellurium (Te)	0.0005	mg/L	Sous-traitance	
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Dissolved thallium (Tl)	0.0008	mg/L	Sous-traitance	
Thiocyanate (SCN)	0.05	mg SCN/L	Sous-traitance	Yes
Thiosulfates (S ₂ O ₃)	0.02	mg S ₂ O ₃ /L	Sous-traitance	Yes
Titanium (Ti)	0.01	mg/L	Sous-traitance	
Dissolved titanium (Ti)	0.01	mg/L	Sous-traitance	
Turbidity	0.02	UTN	Sous-traitance	Yes
Uranium (U)	0.001	mg/L	Sous-traitance	

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Detection limit

Lab number: V-67043

Sample name: NP2 South KIA FB

Sampling date: August 22, 2017

Sampling location: NP2 South KIA FB

Sampling hour: 09:30

Parameter	Value	Unit	Method	Accreditation
Dissolved Uranium (U)	0.001	mg/L	Sous-traitance	
Vanadium (V)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Vanadium	0.0005	mg/L	Sous-traitance	
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes
Dissolved Zinc	0.001	mg/L	Sous-traitance	

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Quality control Report

Lab number: V-67043

Sample name: NP2 South KIA FB

Sampling date: August 22, 2017

Sampling location: NP2 South KIA FB

Sampling hour: 09:30

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 151 Accuracy 95.9% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006
	Standard name C00-046-705_X_1000 Result 0.997 Accuracy 99.7% Limit 0.800 - 1.200
Dissolved Aluminium (Al) mg/L	Blank <0.006
	Standard name DMR-0219-2017-Eu Result 6.28 Accuracy 99.8% Limit 5.02 - 7.52
Antimony (Sb) mg/L	Blank <0.0001
	Standard name C00-046-705_X_1000 Result 0.0116 Accuracy 84% Limit 0.0080 - 0.0120
Dissolved Antimony (Sb) mg/L	Blank <0.0001
	Standard name DMR-0219-2017-Eu Result 0.2262 Accuracy 98.1% Limit 0.178 - 0.266
Silver (Ag) mg/L	Blank <0.0001
	Standard name DMR-0343-2017-Ag Result 0.7045 Accuracy 87.8% Limit 0.642 - 0.962
Dissolved Silver (Ag) mg/L	Blank <0.0001
	Standard name DMR-0343-2017-Ag Result 0.8046 Accuracy 99.7% Limit 0.642 - 0.962
Arsenic (As) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000 Result 0.0880 Accuracy 88% Limit 0.0700 - 0.1300
Dissolved Arsenic (As) mg/L	Blank <0.0005

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Quality control Report

Lab number: V-67043

Sample name: NP2 South KIA FB

Sampling location: NP2 South KIA FB

Sampling date: August 22, 2017

Sampling hour: 09:30

Parameter	
	Standard name DMR-0219-2017-Eu
	Result 0.3468
	Accuracy 77.9%
	Limit 0.199 - 0.369
Barium (Ba) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0909
	Accuracy 90.9%
	Limit 0.0800 - 0.1200
Dissolved Barium (Ba) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 2.881
	Accuracy 81.4%
	Limit 1.94 - 2.92
Beryllium (Be) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1054
	Accuracy 94.6%
	Limit 0.0800 - 0.1200
Dissolved Beryllium (Be) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.922
	Accuracy 86.9%
	Limit 1.36 - 2.04
Boron (B) mg/L	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.07
	Accuracy 93%
	Limit 0.800 - 1.200
Dissolved Boron (B) mg/L	Blank <0.01
	Standard name DMR-0219-2017-Eu
	Result 3.17
	Accuracy 89.9%
	Limit 2.30 - 3.46
Bromides mg/L	Blank <0.01
	Standard name DMR-0119-2017-Br
	Result 5.52
	Accuracy 98%
	Limit 4.50 - 6.76
Cadmium (Cd) mg/L	Blank <0.00002

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Quality control Report

Lab number: V-67043

Sample name: NP2 South KIA FB

Sampling date: August 22, 2017

Sampling location: NP2 South KIA FB

Sampling hour: 09:30

Parameter	
	Standard name C00-046-705_X_1000
	Result 0.10785
	Accuracy 92.2%
	Limit 0.0800 - 0.1200
Dissolved Cadmium (Cd) mg/L	Blank <0.00002
	Standard name DMR-0219-2017-Eu
	Result 1.0050
	Accuracy 88.5%
	Limit 0.721 - 1.081
Calcium (Ca) mg/L	Blank <0.03
	Standard name C00-046-705_X_1000
	Result 0.95
	Accuracy 95%
	Limit 0.800 - 1.200
Dissolved Organic Carbon (D.O.C.) mg/L	Blank <0.2
	Standard name COD 10mg/L
	Result 10
	Accuracy 100%
	Limit 8 - 12
Total Organic Carbon (T.O.C.) mg/L	Blank <0.2
	Standard name COT 10mg/L
	Result 10
	Accuracy 100%
	Limit 8 - 12
Chloride mg/L	Blank <0.5
	Standard name DMR-0417-2017-Cl
	Result 113
	Accuracy 95.4%
	Limit 95 - 121
Chrome (Cr) mg/L	Blank <0.0006
	Standard name C00-046-705_X_1000
	Result 0.1001
	Accuracy 99.9%
	Limit 0.0800 - 0.1200
Dissolved Chromium (Cr) mg/L	Blank <0.0006
	Standard name DMR-0219-2017-Eu
	Result 4.185
	Accuracy 96.7%
	Limit 3.24 - 4.86
Cobalt (Co) mg/L	Blank <0.0005

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Quality control Report

Lab number: V-67043

Sample name: NP2 South KIA FB

Sampling date: August 22, 2017

Sampling location: NP2 South KIA FB

Sampling hour: 09:30

Parameter	
	Standard name C00-046-705_X_1000
	Result 0.1040
	Accuracy 96%
	Limit 0.0800 - 0.1200
Dissolved Cobalt (Co) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.618
	Accuracy 96.3%
	Limit 1.25 - 1.87
Conductivity µmhos/cm	Standard name STD cond maison
	Result 1404
	Accuracy 99.2%
	Limit 1203 - 1627
Colour UCV	Blank <1
	Standard name DMR-0417-2017-Coul
	Result 90
	Accuracy 96.6%
	Limit 67 - 107
Copper (Cu) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1079
	Accuracy 92.1%
	Limit 0.0800 - 0.1200
Dissolved Copper (Cu) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.485
	Accuracy 84%
	Limit 1.02 - 1.54
Cyanide W.A.D. mg/L	Blank <0.001
	Standard name DMR-0343-CN
	Result 0.921
	Accuracy 95.7%
	Limit 0.751 - 1.015
Total Cyanide (CNT) mg/L	Blank <0.001
	Standard name DMR-0343-CN
	Result 1.28
	Accuracy 91.5%
	Limit 1.003 - 1.357
Tin (Sn) mg/L	Blank <0.001
	Standard name DMR-0310-2016-Sn

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Quality control Report

Lab number: V-67043

Sample name: NP2 South KIA FB

Sampling date: August 22, 2017

Sampling location: NP2 South KIA FB

Sampling hour: 09:30

Parameter	
dissolved Tin (Sn) mg/L	Result 7.36
	Accuracy 81.1%
	Limit 7.26 - 10.88
	Blank <0.001
	Standard name DMR-0310-2016-Sn
Iron (Fe) mg/L	Result 9.75
	Accuracy 92.5%
	Limit 6.35 - 11.79
	Blank <0.01
	Standard name C00-046-705_X_1000
Dissolved Iron (Fe) mg/L	Result 1.13
	Accuracy 87%
	Limit 0.800 - 1.200
	Blank <0.01
	Standard name DMR-0219-2017-Eu
Fluoride (F) mg/L	Result 13.5
	Accuracy 81.6%
	Limit 9.1 - 13.7
	Blank <0.02
	Standard name DMR-0417-2017-F
Lithium (Li) mg/L	Result 2.29
	Accuracy 99.6%
	Limit 2.13 - 2.47
Dissolved Lithium (Li) mg/L	Blank <0.005
Total Suspended Solids mg/L	Blank <1
Magnesium (Mg) mg/L	Standard name STD-MES 25mg/L
	Result 23
	Accuracy 92%
	Limit 19 - 31
	Blank <0.02
Dissolved Magnesium (Mg) mg/L	Standard name C00-046-705_X_1000
	Result 0.95
	Accuracy 95%
	Limit 0.800 - 1.200
	Blank <0.02
Dissolved Magnesium (Mg) mg/L	Standard name DMR-0219-2017-Eu
	Result 8.09
	Accuracy 97.7%
	Limit 6.33 - 9.49

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Quality control Report

Lab number: V-67043

Sample name: NP2 South KIA FB

Sampling location: NP2 South KIA FB

Sampling date: August 22, 2017

Sampling hour: 09:30

Parameter	
Manganese (Mn) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1052 Accuracy 94.8% Limit 0.0800 - 0.1200
Dissolved Manganese (Mn) mg/L	Blank <0.0005 Standard name DMR-0219-2017-Eu Result 4.027 Accuracy 96.7% Limit 3.12 - 4.68
Mercury (Hg) mg/L	Blank <0.00001 Standard name DMR-0343-2017-HgEu Result 0.00047 Accuracy 67.1% Limit 0.00042 - 0.00098
Dissolved Mercury (Hg) mg/L	Blank <0.00001 Standard name DMR-0343-2017-HgEu Result 0.00045 Accuracy 64.3% Limit 0.00042 - 0.00098
Molybdenum (Mo) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1041 Accuracy 95.9% Limit 0.0800 - 0.1200
Dissolved Molybdenum (Mo) mg/L	Blank <0.0005 Standard name DMR-0219-2017-Eu Result 0.7358 Accuracy 96.1% Limit 0.566 - 0.850
Nickel (Ni) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1081 Accuracy 91.9% Limit 0.0800 - 0.1200
Dissolved Nickel (Ni) mg/L	Blank <0.0005 Standard name DMR-0219-2017-Eu Result 1.216 Accuracy 93.3% Limit 0.91 - 1.37

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Quality control Report

Lab number: V-67043

Sample name: NP2 South KIA FB

Sampling date: August 22, 2017

Sampling location: NP2 South KIA FB

Sampling hour: 09:30

Parameter	
Nitrate (NO3) mg N/L	Blank <0.01
Nitrite (NO2) mg N/L	Blank <0.01
	Standard name DMR-0417-2017-NO2
	Result 2.73
	Accuracy 99.3%
	Limit 2.30 - 3.12
Ortho-Phosphate (O-PO4) mg P/	Blank <0.01
	Standard name DMR-0417-2017-OPO4
	Result 2.82
	Accuracy 88.4%
	Limit 2.81 - 3.57
pH	Standard name STD pH 7.0
	Result 7.00
	Accuracy 100%
	Limit 6.96 - 7.04
Lead (Pb) mg/L	Blank <0.0003
	Standard name C00-046-705_X_1000
	Result 0.0839
	Accuracy 83.9%
	Limit 0.0800 - 0.1200
Dissolved Lead (Pb) mg/L	Blank <0.0003
	Standard name DMR-0219-2017-Eu
	Result 0.9576
	Accuracy 94%
	Limit 0.722 - 1.084
Potassium (K) mg/L	Blank <0.05
	Standard name C00-046-705_X_1000
	Result 0.90
	Accuracy 90%
	Limit 0.800 - 1.200
Selenium (Se) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.111
	Accuracy 89%
	Limit 0.0800 - 0.1200
Dissolved Selenium (Se) mg/L	Blank <0.001
	Standard name DMR-0219-2017-Eu
	Result 1.60
	Accuracy 81.5%
	Limit 1.08 - 1.62

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Quality control Report

Lab number: V-67043

Sample name: NP2 South KIA FB

Sampling date: August 22, 2017

Sampling location: NP2 South KIA FB

Sampling hour: 09:30

Parameter	
Sodium (Na) mg/L	Blank <0.05 Standard name C00-046-705_X_1000 Result 0.94 Accuracy 94% Limit 0.800 - 1.200
Strontium (Sr) mg/L	Blank <0.005
dissolved Strontium (Sr) mg/L	Blank <0.005
Sulfate (SO4) mg SO4/L	Blank <0.6 Standard name DMR-0417-2017-SO4 Result 116 Accuracy 94.3% Limit 114 - 132
Tellurium (Te) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1079 Accuracy 92.1% Limit 0.0800 - 0.1200
Thallium (Tl) mg/L	Blank <0.0008
Dissolved thallium (Tl) mg/L	Blank <0.0008
Thiocyanate (SCN) mg SCN/L	Blank <0.05 Standard name STD SCN 568ppm Result 593 Accuracy 95.6% Limit 398 - 738
Thiosulfates (S2O3) mg S2O3/L	Blank <0.02 Standard name S2O3-225ppm Result 232 Accuracy 96.9% Limit 158 - 293
Titanium (Ti) mg/L	Blank <0.01
Dissolved titanium (Ti) mg/L	Blank <0.01
Turbidity UTN	Standard name DMR-0417-2017-Turb Result 5.87 Accuracy 86.9% Limit 4.41 - 5.97
Uranium (U) mg/L	Blank <0.001 Standard name C00-046-705_X_1000 Result 0.104 Accuracy 96% Limit 0.0800 - 0.1200

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Quality control Report

Lab number: V-67043

Sample name: NP2 South KIA FB

Sampling date: August 22, 2017

Sampling location: NP2 South KIA FB

Sampling hour: 09:30

Parameter

Dissolved Uranium (U) mg/L	Blank <0.001
	Standard name DMR-0219-2017-Eu
	Result 1.89
	Accuracy 92.6%
	Limit 1.41 - 2.11
Vanadium (V) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1039
	Accuracy 96.1%
	Limit 0.0800 - 0.1200
Dissolved Vanadium mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.987
	Accuracy 99.8%
	Limit 1.59 - 2.39
Zinc (Zn) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.102
	Accuracy 98%
	Limit 0.0800 - 0.1200
Dissolved Zinc mg/L	Blank <0.001
	Standard name DMR-0219-2017-Eu
	Result 5.19
	Accuracy 86.2%
	Limit 3.65 - 5.47

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Additional information

Lab number: V-67043

Sample name: NP2 South KIA FB

Sampling location: NP2 South KIA FB

Sampling date: August 22, 2017

Sampling hour: 09:30

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-CL-2.0	MA.300-Ions 1.3
M-COUL-1.0	MA.103-Col. 2.0
M-CN-1.0	MA.300-CN 1.2
M-CI-1.0	MA.300-Anions 1.0
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-P-2.0	MA.303-P 1.1
M-SULF-2.0	MA.300-Ions 1.3
M-TURB-1.0	MA.103-Tur. 1.0

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-67041

Sampling location: NP2 South KIA

Sampling date: August 22, 2017

Sample name: NP2 South KIA

Sampling hour: 09:30

Sampled by: Fanny L. Martin T.

Date received: August 23, 2017

Matrix: Water

Reported on: September 11, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

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Analytical Report

Lab number: V-67041

Sample name: NP2 South KIA

Sampling location: NP2 South KIA

Sampling date: August 22, 2017

Sampling hour: 09:30

Parameter	Result	Method name	Analysis date
Alkalinity	61 mg CaCO ₃ /L	M-TIT-1.0	August 23, 2017
Aluminium (Al)	0.021 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Antimony (Sb)	<0.0001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Antimony (Sb)	<0.0001 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	<0.05 mg N/L	Sous-traitance\H2Lab inc. (SAM)	August 25, 2017
Kjeldahl nitrogen	<0.7 mg N/L	Sous-traitance\H2Lab inc. (SAM)	August 31, 2017
Barium (Ba)	0.0091 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Barium (Ba)	0.0067 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
bicarbonate (HCO ₃)	61 mg CaCO ₃ /L	M-TIT-1.0	August 23, 2017
Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Bromides	0.03 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Calcium (Ca)	22.1 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Carbonate (CO ₃)	<2 mg CaCO ₃ /L	M-TIT-1.0	August 23, 2017
Dissolved Organic Carbon (D.O.C.)	6.2 mg/L	M-COT-1.0	August 24, 2017
Total Organic Carbon (T.O.C.)	6.2 mg/L	M-COT-1.0	August 24, 2017
Chlorophyll A	1.6 µg/L	Sous-traitance\H2Lab inc. (SAM)	August 31, 2017
Chloride	4.8 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Chrome (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Chromium (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Cobalt (Co)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Cobalt (Co)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Conductivity	230 µmhos/cm	M-TIT-1.0	August 23, 2017
Colour	5 Colour units	Sous-traitance\Multilab Direct	August 24, 2017
Copper (Cu)	0.0047 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Copper (Cu)	0.0037 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Cyanide W.A.D.	0.010 mg/L	Sous-traitance\Multilab Direct	September 01, 2017
Total Cyanide (CNT)	0.012 mg/L	Sous-traitance\Multilab Direct	September 01, 2017
Hardness	84 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	September 06, 2017
Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
dissolved Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 29, 2017

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Analytical Report

Lab number: V-67041

Sample name: NP2 South KIA

Sampling date: August 22, 2017

Sampling location: NP2 South KIA

Sampling hour: 09:30

Parameter	Result	Method name	Analysis date
Iron (Fe)	0.24 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Iron (Fe)	0.07 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Fluoride (F)	0.13 mg/L	Sous-traitance\Multilab Direct	September 01, 2017
Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Dissolved Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Total Suspended Solids	1 mg/L	M-SOLI-1.0	August 24, 2017
Magnesium (Mg)	7.17 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Magnesium (Mg)	7.22 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Manganese (Mn)	0.0264 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Manganese (Mn)	0.0156 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Dissolved Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Molybdenum (Mo)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Molybdenum (Mo)	0.0005 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Ammonia NH3 (non-ionized)	<0.05 mg N/L	Sous-traitance\H2Lab inc. (SAM)	August 25, 2017
Nickel (Ni)	0.0045 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Nickel (Ni)	0.0035 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Nitrate (NO3)	0.04 mg N/L	Sous-traitance\Multilab Direct	August 24, 2017
Nitrite (NO2)	<0.01 mg N/L	Sous-traitance\Multilab Direct	August 24, 2017
Ortho-Phosphate (O-PO4)	<0.01 mg P/L	Sous-traitance\Multilab Direct	August 24, 2017
Dissolved oxygen	8.9 mg/L	Sous-traitance\Multilab Direct	August 24, 2017
pH	7.65	M-TIT-1.0	August 22, 2017
Total Phosphorus (P) (Trace)	11 µg P/L	Sous-traitance\H2Lab inc. (SAM)	August 31, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Potassium (K)	2.45 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Reactive silica (SiO2)	0.37 mg/L	Sous-traitance\Maxxam	August 28, 2017
Sodium (Na)	9.92 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Solids	153 mg/L	M-TIT-1.0	August 23, 2017
Strontium (Sr)	0.079 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
dissolved Strontium (Sr)	0.080 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Sulfate (SO4)	46.8 mg SO4/L	Sous-traitance\Multilab Direct	August 31, 2017
Tellurium (Te)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Dissolved thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Thiocyanate (SCN)	<0.05 mg SCN/L	Sous-traitance\Multilab Direct	August 30, 2017
Thiosulfates (S2O3)	<0.02 mg S2O3/L	Sous-traitance\Multilab Direct	August 28, 2017
Titanium (Ti)	0.02 mg/L	Sous-traitance\Multilab Direct	September 06, 2017

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Analytical Report

Lab number: V-67041

Sample name: NP2 South KIA

Sampling date: August 22, 2017

Sampling location: NP2 South KIA

Sampling hour: 09:30

Parameter	Result	Method name	Analysis date
Dissolved titanium (Ti)	0.02 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Turbidity	1.44 NTU	Sous-traitance\Multilab Direct	August 24, 2017
Uranium (U)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Uranium (U)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Vanadium (V)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Vanadium	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Zinc (Zn)	0.004 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Zinc	<0.001 mg/L	Sous-traitance\Multilab Direct	August 29, 2017

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Detection limit

Lab number: V-67041

Sample name: NP2 South KIA

Sampling date: August 22, 2017

Sampling location: NP2 South KIA

Sampling hour: 09:30

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO ₃ /L	M-TIT-1.0	
Aluminium (Al)	0.006	mg/L	Sous-traitance	
Dissolved Aluminium (Al)	0.006	mg/L	Sous-traitance	
Antimony (Sb)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Antimony (Sb)	0.0001	mg/L	Sous-traitance	
Silver (Ag)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Silver (Ag)	0.0001	mg/L	Sous-traitance	
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Arsenic (As)	0.0005	mg/L	Sous-traitance	
Kjeldahl nitrogen	0.05	mg N/L	Sous-traitance	
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Barium (Ba)	0.0005	mg/L	Sous-traitance	
Beryllium (Be)	0.0005	mg/L	Sous-traitance	
Dissolved Beryllium (Be)	0.0005	mg/L	Sous-traitance	
bicarbonate (HCO ₃)	2	mg CaCO ₃ /L	M-TIT-1.0	
Boron (B)	0.01	mg/L	Sous-traitance	Yes
Dissolved Boron (B)	0.01	mg/L	Sous-traitance	
Bromides	0.01	mg/L	Sous-traitance	
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Dissolved Cadmium (Cd)	0.00002	mg/L	Sous-traitance	
Calcium (Ca)	0.03	mg/L	Sous-traitance	Yes
Carbonate (CO ₃)	2	mg CaCO ₃ /L	M-TIT-1.0	
Dissolved Organic Carbon (D.O.C.)	0.2	mg/L	M-COT-1.0	--
Total Organic Carbon (T.O.C.)	0.2	mg/L	M-COT-1.0	Yes
Chlorophyll A	0.13	µg/L	Sous-traitance	
Chloride	0.5	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Dissolved Chromium (Cr)	0.0006	mg/L	Sous-traitance	
Cobalt (Co)	0.0005	mg/L	Sous-traitance	
Dissolved Cobalt (Co)	0.0005	mg/L	Sous-traitance	
Conductivity	1	µmhos/cm	M-TIT-1.0	Yes
Colour	1	UCV	Sous-traitance	Yes
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Copper (Cu)	0.0005	mg/L	Sous-traitance	
Cyanide W.A.D.	0.001	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO ₃ /L	Sous-traitance	
Tin (Sn)	0.001	mg/L	Sous-traitance	Yes
dissolved Tin (Sn)	0.001	mg/L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes

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Detection limit

Lab number: V-67041

Sample name: NP2 South KIA

Sampling date: August 22, 2017

Sampling location: NP2 South KIA

Sampling hour: 09:30

Parameter	Value	Unit	Method	Accreditation
Dissolved Iron (Fe)	0.01	mg/L	Sous-traitance	
Fluoride (F)	0.02	mg/L	Sous-traitance	Yes
Lithium (Li)	0.005	mg/L	Sous-traitance	
Dissolved Lithium (Li)	0.005	mg/L	Sous-traitance	
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Magnesium (Mg)	0.02	mg/L	Sous-traitance	Yes
Dissolved Magnesium (Mg)	0.02	mg/L	Sous-traitance	
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Manganese (Mn)	0.0005	mg/L	Sous-traitance	
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Dissolved Mercury (Hg)	0.00001	mg/L	Sous-traitance	
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Nickel (Ni)	0.0005	mg/L	Sous-traitance	
Nitrate (NO3)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO2)	0.01	mg N/L	Sous-traitance	Yes
Ortho-Phosphate (O-PO4)	0.01	mg P/L	Sous-traitance	Yes
Dissolved oxygen	0.1	mg/L	Sous-traitance	
pH			M-TIT-1.0	Yes
Total Phosphorus (P) (Trace)	1.9	µg P/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Dissolved Lead (Pb)	0.0003	mg/L	Sous-traitance	
Potassium (K)	0.05	mg/L	Sous-traitance	
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Dissolved Selenium (Se)	0.001	mg/L	Sous-traitance	
Reactive silica (SiO2)		mg/L	Sous-traitance	
Sodium (Na)	0.05	mg/L	Sous-traitance	Yes
Dissolved Solids	1	mg/L	M-TIT-1.0	
Strontium (Sr)	0.005	mg/L	Sous-traitance	
dissolved Strontium (Sr)	0.005	mg/L	Sous-traitance	
Sulfate (SO4)	0.6	mg SO4/L	Sous-traitance	Yes
Tellurium (Te)	0.0005	mg/L	Sous-traitance	
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Dissolved thallium (Tl)	0.0008	mg/L	Sous-traitance	
Thiocyanate (SCN)	0.05	mg SCN/L	Sous-traitance	Yes
Thiosulfates (S2O3)	0.02	mg S2O3/L	Sous-traitance	Yes
Titanium (Ti)	0.01	mg/L	Sous-traitance	
Dissolved titanium (Ti)	0.01	mg/L	Sous-traitance	
Turbidity	0.02	UTN	Sous-traitance	Yes

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Detection limit

Lab number: V-67041

Sample name: NP2 South KIA

Sampling date: August 22, 2017

Sampling location: NP2 South KIA

Sampling hour: 09:30

Parameter	Value	Unit	Method	Accreditation
Uranium (U)	0.001	mg/L	Sous-traitance	
Dissolved Uranium (U)	0.001	mg/L	Sous-traitance	
Vanadium (V)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Vanadium	0.0005	mg/L	Sous-traitance	
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes
Dissolved Zinc	0.001	mg/L	Sous-traitance	

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Quality control Report

Lab number: V-67041

Sample name: NP2 South KIA

Sampling location: NP2 South KIA

Sampling date: August 22, 2017

Sampling hour: 09:30

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 151 Accuracy 95.9% Limit 123 - 167 Sample duplicate 61-61
Aluminium (Al) mg/L	Blank <0.006 Standard name C00-046-705_X_1000 Result 0.997 Accuracy 99.7% Limit 0.800 - 1.200
Dissolved Aluminium (Al) mg/L	Blank <0.006 Standard name DMR-0219-2017-Eu Result 6.28 Accuracy 99.8% Limit 5.02 - 7.52
Antimony (Sb) mg/L	Blank <0.0001 Standard name C00-046-705_X_1000 Result 0.0116 Accuracy 84% Limit 0.0080 - 0.0120
Dissolved Antimony (Sb) mg/L	Blank <0.0001 Standard name DMR-0219-2017-Eu Result 0.2262 Accuracy 98.1% Limit 0.178 - 0.266
Silver (Ag) mg/L	Blank <0.0001 Standard name DMR-0343-2017-Ag Result 0.7045 Accuracy 87.8% Limit 0.642 - 0.962
Dissolved Silver (Ag) mg/L	Blank <0.0001 Standard name DMR-0343-2017-Ag Result 0.8046 Accuracy 99.7% Limit 0.642 - 0.962
Arsenic (As) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0880 Accuracy 88% Limit 0.0700 - 0.1300

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Quality control Report

Lab number: V-67041

Sample name: NP2 South KIA

Sampling location: NP2 South KIA

Sampling date: August 22, 2017

Sampling hour: 09:30

Parameter

Dissolved Arsenic (As) mg/L	Blank <0.0005 Standard name DMR-0219-2017-Eu Result 0.3468 Accuracy 77.9% Limit 0.199 - 0.369
Barium (Ba) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0909 Accuracy 90.9% Limit 0.0800 - 0.1200
Dissolved Barium (Ba) mg/L	Blank <0.0005 Standard name DMR-0219-2017-Eu Result 2.881 Accuracy 81.4% Limit 1.94 - 2.92
Beryllium (Be) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1054 Accuracy 94.6% Limit 0.0800 - 0.1200
Dissolved Beryllium (Be) mg/L	Blank <0.0005 Standard name DMR-0219-2017-Eu Result 1.922 Accuracy 86.9% Limit 1.36 - 2.04
bicarbonate (HCO ₃) mg CaCO ₃ /L	sample duplicate 61-61
Boron (B) mg/L	Blank <0.01 Standard name C00-046-705_X_1000 Result 1.07 Accuracy 93% Limit 0.800 - 1.200
Dissolved Boron (B) mg/L	Blank <0.01 Standard name DMR-0219-2017-Eu Result 3.17 Accuracy 89.9% Limit 2.30 - 3.46
Bromides mg/L	Blank <0.01 Standard name DMR-0119-2017-Br Result 5.52 Accuracy 98%

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Quality control Report

Lab number: V-67041

Sample name: NP2 South KIA

Sampling date: August 22, 2017

Sampling location: NP2 South KIA

Sampling hour: 09:30

Parameter	
Cadmium (Cd) mg/L	Limit 4.50 - 6.76
	Sample duplicate 0.03-0.03
	Blank <0.00002
	Standard name C00-046-705_X_1000
	Result 0.10785
Dissolved Cadmium (Cd) mg/L	Accuracy 92.2%
	Limit 0.0800 - 0.1200
	Blank <0.00002
	Standard name DMR-0219-2017-Eu
	Result 1.0050
Calcium (Ca) mg/L	Accuracy 88.5%
	Limit 0.721 - 1.081
	Blank <0.03
	Standard name C00-046-705_X_1000
	Result 0.95
Carbonate (CO ₃) mg CaCO ₃ /L	Accuracy 95%
	Limit 0.800 - 1.200
	Sample duplicate <2-<2
	Blank <0.2
	Standard name COD 10mg/L
Dissolved Organic Carbon (D.O.C.) mg/L	Result 10
	Accuracy 100%
	Limit 8 - 12
	Blank <0.2
	Standard name COT 10mg/L
Total Organic Carbon (T.O.C.) mg/L	Result 10
	Accuracy 100%
	Limit 8 - 12
	Blank <0.5
	Standard name DMR-0417-2017-CI
Chloride mg/L	Result 113
	Accuracy 95.4%
	Limit 95 - 121
	Blank <0.0006
	Standard name C00-046-705_X_1000
Dissolved Chromium (Cr) mg/L	Result 0.1001
	Accuracy 99.9%
	Limit 0.0800 - 0.1200
	Blank <0.0006
	Standard name DMR-0219-2017-Eu

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Quality control Report

Lab number: V-67041

Sample name: NP2 South KIA

Sampling location: NP2 South KIA

Sampling date: August 22, 2017

Sampling hour: 09:30

Parameter	
Cobalt (Co) mg/L	Result 4.185
	Accuracy 96.7%
	Limit 3.24 - 4.86
	Blank <0.0005
	Standard name C00-046-705_X_1000
Dissolved Cobalt (Co) mg/L	Result 0.1040
	Accuracy 96%
	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name DMR-0219-2017-Eu
Conductivity µmhos/cm	Result 1.618
	Accuracy 96.3%
	Limit 1.25 - 1.87
	Standard name STD cond maison
	Result 1404
Colour UCV	Accuracy 99.2%
	Limit 1203 - 1627
	Sample duplicate 230-229
	Blank <1
	Standard name DMR-0417-2017-Coul
Copper (Cu) mg/L	Result 90
	Accuracy 96.6%
	Limit 67 - 107
	Blank <0.0005
	Standard name C00-046-705_X_1000
Dissolved Copper (Cu) mg/L	Result 0.1079
	Accuracy 92.1%
	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name DMR-0219-2017-Eu
Cyanide W.A.D. mg/L	Result 1.485
	Accuracy 84%
	Limit 1.02 - 1.54
	Blank <0.001
	Standard name DMR-0343-CN
Total Cyanide (CNT) mg/L	Result 0.921
	Accuracy 95.7%
	Limit 0.751 - 1.015
	Blank <0.001
	Standard name DMR-0343-CN

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Quality control Report

Lab number: V-67041

Sample name: NP2 South KIA

Sampling date: August 22, 2017

Sampling location: NP2 South KIA

Sampling hour: 09:30

Parameter	
	Result 1.28
	Accuracy 91.5%
	Limit 1.003 - 1.357
Tin (Sn) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.099
	Accuracy 99%
	Limit 0.0800 - 0.1200
dissolved Tin (Sn) mg/L	Blank <0.001
	Standard name DMR-0310-2016-Sn
	Result 9.75
	Accuracy 92.5%
	Limit 6.35 - 11.79
Iron (Fe) mg/L	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.13
	Accuracy 87%
	Limit 0.800 - 1.200
Dissolved Iron (Fe) mg/L	Blank <0.01
	Standard name DMR-0219-2017-Eu
	Result 13.5
	Accuracy 81.6%
	Limit 9.1 - 13.7
Fluoride (F) mg/L	Blank <0.02
	Standard name DMR-0417-2017-F
	Result 2.29
	Accuracy 99.6%
	Limit 2.13 - 2.47
Lithium (Li) mg/L	Blank <0.005
	Sample duplicate <0.005-<0.005
Dissolved Lithium (Li) mg/L	Blank <0.005
	Sample duplicate <0.005-<0.005
Total Suspended Solids mg/L	Blank <1
	Standard name STD-MES 25mg/L
	Result 23
	Accuracy 92%
	Limit 19 - 31
Magnesium (Mg) mg/L	Blank <0.02
	Standard name C00-046-705_X_1000
	Result 0.95

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Quality control Report

Lab number: V-67041

Sample name: NP2 South KIA

Sampling location: NP2 South KIA

Sampling date: August 22, 2017

Sampling hour: 09:30

Parameter	
Dissolved Magnesium (Mg) mg/L	Accuracy 95%
	Limit 0.800 - 1.200
	Blank <0.02
	Standard name DMR-0219-2017-Eu
	Result 8.09
Manganese (Mn) mg/L	Accuracy 97.7%
	Limit 6.33 - 9.49
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1052
Dissolved Manganese (Mn) mg/L	Accuracy 94.8%
	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 4.027
Mercury (Hg) mg/L	Accuracy 96.7%
	Limit 3.12 - 4.68
	Blank <0.00001
	Standard name DMR-0343-2017-HgEu
	Result 0.00047
Dissolved Mercury (Hg) mg/L	Accuracy 67.1%
	Limit 0.00042 - 0.00098
	Blank <0.00001
	Standard name DMR-0343-2017-HgEu
	Result 0.00045
Molybdenum (Mo) mg/L	Accuracy 64.3%
	Limit 0.00042 - 0.00098
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1041
Dissolved Molybdenum (Mo) mg/L	Accuracy 95.9%
	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 0.7358
Nickel (Ni) mg/L	Accuracy 96.1%
	Limit 0.566 - 0.850
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1081

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Quality control Report

Lab number: V-67041

Sample name: NP2 South KIA

Sampling location: NP2 South KIA

Sampling date: August 22, 2017

Sampling hour: 09:30

Parameter		
Dissolved Nickel (Ni) mg/L	Accuracy 91.9%	
	Limit 0.0800 - 0.1200	
	Blank <0.0005	
	Standard name DMR-0219-2017-Eu	
	Result 1.216	
Nitrate (NO3) mg N/L	Accuracy 93.3%	
	Limit 0.91 - 1.37	
	Blank <0.01	
	Standard name DMR-0417-2017-NO2	Result 2.73
		Accuracy 99.3%
Nitrite (NO2) mg N/L	Limit 2.30 - 3.12	
	Blank <0.01	
Ortho-Phosphate (O-PO4) mg P/L	Standard name DMR-0417-2017-OPO4	
	Result 2.82	
	Accuracy 88.4%	
	Limit 2.81 - 3.57	
pH	Standard name STD pH 7.0	
	Result 7.00	
	Accuracy 100%	
Lead (Pb) mg/L	Limit 6.96 - 7.04	
	Sample duplicate 7.65-7.65	
	Blank <0.0003	
	Standard name C00-046-705_X_1000	
	Result 0.0839	
Dissolved Lead (Pb) mg/L	Accuracy 83.9%	
	Limit 0.0800 - 0.1200	
	Blank <0.0003	
	Standard name DMR-0219-2017-Eu	
	Result 0.9576	
Potassium (K) mg/L	Accuracy 94%	
	Limit 0.722 - 1.084	
	Blank <0.05	
	Standard name C00-046-705_X_1000	
	Result 0.90	
Selenium (Se) mg/L	Accuracy 90%	
	Limit 0.800 - 1.200	
	Blank <0.001	
	Standard name C00-046-705_X_1000	

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Quality control Report

Lab number: V-67041

Sample name: NP2 South KIA

Sampling date: August 22, 2017

Sampling location: NP2 South KIA

Sampling hour: 09:30

Parameter	
	Result 0.111
	Accuracy 89%
	Limit 0.0800 - 0.1200
Dissolved Selenium (Se) mg/L	Blank <0.001
	Standard name DMR-0219-2017-Eu
	Result 1.60
	Accuracy 81.5%
	Limit 1.08 - 1.62
Sodium (Na) mg/L	Blank <0.05
	Standard name C00-046-705_X_1000
	Result 0.94
	Accuracy 94%
	Limit 0.800 - 1.200
Dissolved Solids mg/L	Sample duplicate 153-153
Strontium (Sr) mg/L	Blank <0.005
	Sample duplicate 0.079-0.078
dissolved Strontium (Sr) mg/L	Blank <0.005
	Sample duplicate 0.080-0.081
Sulfate (SO4) mg SO4/L	Blank <0.6
	Standard name DMR-0417-2017-SO4
	Result 116
	Accuracy 94.3%
	Limit 114 - 132
Tellurium (Te) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1079
	Accuracy 92.1%
	Limit 0.0800 - 0.1200
Thallium (Tl) mg/L	Blank <0.0008
	Sample duplicate <0.0008-<0.0008
Dissolved thallium (Tl) mg/L	Blank <0.0008
	Sample duplicate <0.0008-<0.0008
Thiocyanate (SCN) mg SCN/L	Blank <0.05
	Standard name STD SCN 568ppm
	Result 593
	Accuracy 95.6%
	Limit 398 - 738
Thiosulfates (S2O3) mg S2O3/L	Blank <0.02
	Standard name S2O3-225ppm
	Result 232

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Quality control Report

Lab number: V-67041

Sample name: NP2 South KIA

Sampling location: NP2 South KIA

Sampling date: August 22, 2017

Sampling hour: 09:30

Parameter	
	Accuracy 96.9%
	Limit 158 - 293
Titanium (Ti) mg/L	Blank <0.01
Dissolved titanium (Ti) mg/L	Blank <0.01
Turbidity UTN	Standard name DMR-0417-2017-Turb
	Result 5.87
	Accuracy 86.9%
	Limit 4.41 - 5.97
Uranium (U) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.104
	Accuracy 96%
	Limit 0.0800 - 0.1200
Dissolved Uranium (U) mg/L	Blank <0.001
	Standard name DMR-0219-2017-Eu
	Result 1.89
	Accuracy 92.6%
	Limit 1.41 - 2.11
Vanadium (V) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1039
	Accuracy 96.1%
	Limit 0.0800 - 0.1200
Dissolved Vanadium mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.987
	Accuracy 99.8%
	Limit 1.59 - 2.39
Zinc (Zn) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.102
	Accuracy 98%
	Limit 0.0800 - 0.1200
Dissolved Zinc mg/L	Blank <0.001
	Standard name DMR-0219-2017-Eu
	Result 5.19
	Accuracy 86.2%
	Limit 3.65 - 5.47

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Additional information

Lab number: V-67041

Sample name: NP2 South KIA

Sampling location: NP2 South KIA

Sampling date: August 22, 2017

Sampling hour: 09:30

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-CL-2.0	MA.300-Ions 1.3
M-COUL-1.0	MA.103-Col. 2.0
M-CN-1.0	MA.300-CN 1.2
M-CI-1.0	MA.300-Anions 1.0
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-P-2.0	MA.303-P 1.1
M-SULF-2.0	MA.300-Ions 1.3
M-TURB-1.0	MA.103-Tur. 1.0

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-67040

Sampling location: NP2 West KIA DUP

Sampling date: August 22, 2017

Sample name: NP2 West KIA DUP

Sampling hour: 09:20

Sampled by: Fanny L. Martin T.

Date received: August 23, 2017

Matrix: Water

Reported on: September 11, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

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Analytical Report

Lab number: V-67040

Sample name: NP2 West KIA DUP

Sampling date: August 22, 2017

Sampling location: NP2 West KIA DUP

Sampling hour: 09:20

Parameter	Result	Method name	Analysis date
Alkalinity	60 mg CaCO ₃ /L	M-TIT-1.0	August 23, 2017
Aluminium (Al)	0.018 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Antimony (Sb)	<0.0001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Antimony (Sb)	<0.0001 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	<0.05 mg N/L	Sous-traitance\H2Lab inc. (SAM)	August 25, 2017
Kjeldahl nitrogen	<0.7 mg N/L	Sous-traitance\H2Lab inc. (SAM)	August 31, 2017
Barium (Ba)	0.0083 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Barium (Ba)	0.0061 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
bicarbonate (HCO ₃)	60 mg CaCO ₃ /L	M-TIT-1.0	August 23, 2017
Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Bromides	0.06 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Calcium (Ca)	21.1 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Carbonate (CO ₃)	<2 mg CaCO ₃ /L	M-TIT-1.0	August 23, 2017
Dissolved Organic Carbon (D.O.C.)	6.1 mg/L	M-COT-1.0	August 24, 2017
Total Organic Carbon (T.O.C.)	5.7 mg/L	M-COT-1.0	August 24, 2017
Chlorophyll A	2.8 µg/L	Sous-traitance\H2Lab inc. (SAM)	August 31, 2017
Chloride	4.5 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Chrome (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Chromium (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Cobalt (Co)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Cobalt (Co)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Conductivity	223 µmhos/cm	M-TIT-1.0	August 23, 2017
Colour	2 Colour units	Sous-traitance\Multilab Direct	August 24, 2017
Copper (Cu)	0.0019 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Copper (Cu)	0.0017 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Cyanide W.A.D.	0.010 mg/L	Sous-traitance\Multilab Direct	September 01, 2017
Total Cyanide (CNT)	0.011 mg/L	Sous-traitance\Multilab Direct	September 01, 2017
Hardness	80 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	September 06, 2017
Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
dissolved Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 29, 2017

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Analytical Report

Lab number: V-67040

Sample name: NP2 West KIA DUP

Sampling date: August 22, 2017

Sampling location: NP2 West KIA DUP

Sampling hour: 09:20

Parameter	Result	Method name	Analysis date
Iron (Fe)	0.05 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Iron (Fe)	0.01 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Fluoride (F)	0.12 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Dissolved Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Total Suspended Solids	1 mg/L	M-SOLI-1.0	August 24, 2017
Magnesium (Mg)	6.73 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Magnesium (Mg)	6.86 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Manganese (Mn)	0.0091 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Manganese (Mn)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Dissolved Mercury (Hg)	0.00004 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Molybdenum (Mo)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Molybdenum (Mo)	0.0005 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Ammonia NH3 (non-ionized)	<0.05 mg N/L	Sous-traitance\H2Lab inc. (SAM)	August 25, 2017
Nickel (Ni)	0.0008 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Nickel (Ni)	0.0012 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Nitrate (NO3)	0.01 mg N/L	Sous-traitance\Multilab Direct	August 24, 2017
Nitrite (NO2)	<0.01 mg N/L	Sous-traitance\Multilab Direct	August 24, 2017
Ortho-Phosphate (O-PO4)	<0.01 mg P/L	Sous-traitance\Multilab Direct	August 24, 2017
Dissolved oxygen	9.6 mg/L	Sous-traitance\Multilab Direct	August 24, 2017
pH	8.03	M-TIT-1.0	August 23, 2017
Total Phosphorus (P) (Trace)	7.3 µg P/L	Sous-traitance\H2Lab inc. (SAM)	August 31, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Potassium (K)	2.42 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Reactive silica (SiO2)	0.32 mg/L	Sous-traitance\Maxxam	August 28, 2017
Sodium (Na)	9.31 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Solids	149 mg/L	M-TIT-1.0	August 23, 2017
Strontium (Sr)	0.081 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
dissolved Strontium (Sr)	0.075 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Sulfate (SO4)	46.7 mg SO4/L	Sous-traitance\Multilab Direct	August 31, 2017
Tellurium (Te)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Dissolved thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Thiocyanate (SCN)	<0.05 mg SCN/L	Sous-traitance\Multilab Direct	August 30, 2017
Thiosulfates (S2O3)	<0.02 mg S2O3/L	Sous-traitance\Multilab Direct	August 28, 2017
Titanium (Ti)	0.02 mg/L	Sous-traitance\Multilab Direct	September 06, 2017

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Analytical Report

Lab number: V-67040

Sample name: NP2 West KIA DUP

Sampling date: August 22, 2017

Sampling location: NP2 West KIA DUP

Sampling hour: 09:20

Parameter	Result	Method name	Analysis date
Dissolved titanium (Ti)	0.01 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Turbidity	1.06 NTU	Sous-traitance\Multilab Direct	August 24, 2017
Uranium (U)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Uranium (U)	0.001 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Vanadium (V)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Vanadium	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Zinc (Zn)	0.002 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Zinc	<0.001 mg/L	Sous-traitance\Multilab Direct	August 29, 2017

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Detection limit

Lab number: V-67040

Sample name: NP2 West KIA DUP

Sampling date: August 22, 2017

Sampling location: NP2 West KIA DUP

Sampling hour: 09:20

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO ₃ /L	M-TIT-1.0	
Aluminium (Al)	0.006	mg/L	Sous-traitance	
Dissolved Aluminium (Al)	0.006	mg/L	Sous-traitance	
Antimony (Sb)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Antimony (Sb)	0.0001	mg/L	Sous-traitance	
Silver (Ag)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Silver (Ag)	0.0001	mg/L	Sous-traitance	
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Arsenic (As)	0.0005	mg/L	Sous-traitance	
Kjeldahl nitrogen	0.05	mg N/L	Sous-traitance	
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Barium (Ba)	0.0005	mg/L	Sous-traitance	
Beryllium (Be)	0.0005	mg/L	Sous-traitance	
Dissolved Beryllium (Be)	0.0005	mg/L	Sous-traitance	
bicarbonate (HCO ₃)	2	mg CaCO ₃ /L	M-TIT-1.0	
Boron (B)	0.01	mg/L	Sous-traitance	Yes
Dissolved Boron (B)	0.01	mg/L	Sous-traitance	
Bromides	0.01	mg/L	Sous-traitance	
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Dissolved Cadmium (Cd)	0.00002	mg/L	Sous-traitance	
Calcium (Ca)	0.03	mg/L	Sous-traitance	Yes
Carbonate (CO ₃)	2	mg CaCO ₃ /L	M-TIT-1.0	
Dissolved Organic Carbon (D.O.C.)	0.2	mg/L	M-COT-1.0	--
Total Organic Carbon (T.O.C.)	0.2	mg/L	M-COT-1.0	Yes
Chlorophyll A	0.13	µg/L	Sous-traitance	
Chloride	0.5	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Dissolved Chromium (Cr)	0.0006	mg/L	Sous-traitance	
Cobalt (Co)	0.0005	mg/L	Sous-traitance	
Dissolved Cobalt (Co)	0.0005	mg/L	Sous-traitance	
Conductivity	1	µmhos/cm	M-TIT-1.0	Yes
Colour	1	UCV	Sous-traitance	Yes
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Copper (Cu)	0.0005	mg/L	Sous-traitance	
Cyanide W.A.D.	0.001	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO ₃ /L	Sous-traitance	
Tin (Sn)	0.001	mg/L	Sous-traitance	Yes
dissolved Tin (Sn)	0.001	mg/L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes

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Detection limit

Lab number: V-67040

Sample name: NP2 West KIA DUP

Sampling date: August 22, 2017

Sampling location: NP2 West KIA DUP

Sampling hour: 09:20

Parameter	Value	Unit	Method	Accreditation
Dissolved Iron (Fe)	0.01	mg/L	Sous-traitance	
Fluoride (F)	0.02	mg/L	Sous-traitance	Yes
Lithium (Li)	0.005	mg/L	Sous-traitance	
Dissolved Lithium (Li)	0.005	mg/L	Sous-traitance	
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Magnesium (Mg)	0.02	mg/L	Sous-traitance	Yes
Dissolved Magnesium (Mg)	0.02	mg/L	Sous-traitance	
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Manganese (Mn)	0.0005	mg/L	Sous-traitance	
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Dissolved Mercury (Hg)	0.00001	mg/L	Sous-traitance	
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Nickel (Ni)	0.0005	mg/L	Sous-traitance	
Nitrate (NO3)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO2)	0.01	mg N/L	Sous-traitance	Yes
Ortho-Phosphate (O-PO4)	0.01	mg P/L	Sous-traitance	Yes
Dissolved oxygen	0.1	mg/L	Sous-traitance	
pH			M-TIT-1.0	Yes
Total Phosphorus (P) (Trace)	1.9	µg P/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Dissolved Lead (Pb)	0.0003	mg/L	Sous-traitance	
Potassium (K)	0.05	mg/L	Sous-traitance	
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Dissolved Selenium (Se)	0.001	mg/L	Sous-traitance	
Reactive silica (SiO2)		mg/L	Sous-traitance	
Sodium (Na)	0.05	mg/L	Sous-traitance	Yes
Dissolved Solids	1	mg/L	M-TIT-1.0	
Strontium (Sr)	0.005	mg/L	Sous-traitance	
dissolved Strontium (Sr)	0.005	mg/L	Sous-traitance	
Sulfate (SO4)	0.6	mg SO4/L	Sous-traitance	Yes
Tellurium (Te)	0.0005	mg/L	Sous-traitance	
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Dissolved thallium (Tl)	0.0008	mg/L	Sous-traitance	
Thiocyanate (SCN)	0.05	mg SCN/L	Sous-traitance	Yes
Thiosulfates (S2O3)	0.02	mg S2O3/L	Sous-traitance	Yes
Titanium (Ti)	0.01	mg/L	Sous-traitance	
Dissolved titanium (Ti)	0.01	mg/L	Sous-traitance	
Turbidity	0.02	UTN	Sous-traitance	Yes

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Detection limit

Lab number: V-67040

Sample name: NP2 West KIA DUP

Sampling date: August 22, 2017

Sampling location: NP2 West KIA DUP

Sampling hour: 09:20

Parameter	Value	Unit	Method	Accreditation
Uranium (U)	0.001	mg/L	Sous-traitance	
Dissolved Uranium (U)	0.001	mg/L	Sous-traitance	
Vanadium (V)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Vanadium	0.0005	mg/L	Sous-traitance	
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes
Dissolved Zinc	0.001	mg/L	Sous-traitance	

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Quality control Report

Lab number: V-67040

Sample name: NP2 West KIA DUP

Sampling date: August 22, 2017

Sampling location: NP2 West KIA DUP

Sampling hour: 09:20

Parameter	
Alkalinity mg CaCO3/L	Standard name STD alcalinité Result 151 Accuracy 95.9% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006
	Standard name C00-046-705_X_1000 Result 0.997 Accuracy 99.7% Limit 0.800 - 1.200
Dissolved Aluminium (Al) mg/L	Blank <0.006
	Standard name DMR-0219-2017-Eu Result 6.28 Accuracy 99.8% Limit 5.02 - 7.52
Antimony (Sb) mg/L	Blank <0.0001
	Standard name C00-046-705_X_1000 Result 0.0116 Accuracy 84% Limit 0.0080 - 0.0120
Dissolved Antimony (Sb) mg/L	Blank <0.0001
	Standard name DMR-0219-2017-Eu Result 0.2262 Accuracy 98.1% Limit 0.178 - 0.266
Silver (Ag) mg/L	Blank <0.0001
	Standard name DMR-0343-2017-Ag Result 0.7045 Accuracy 87.8% Limit 0.642 - 0.962
Dissolved Silver (Ag) mg/L	Blank <0.0001
	Standard name DMR-0343-2017-Ag Result 0.8046 Accuracy 99.7% Limit 0.642 - 0.962
Arsenic (As) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000 Result 0.0880 Accuracy 88% Limit 0.0700 - 0.1300
Dissolved Arsenic (As) mg/L	Blank <0.0005

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Quality control Report

Lab number: V-67040

Sample name: NP2 West KIA DUP

Sampling date: August 22, 2017

Sampling location: NP2 West KIA DUP

Sampling hour: 09:20

Parameter	
	Standard name DMR-0219-2017-Eu
	Result 0.3468
	Accuracy 77.9%
	Limit 0.199 - 0.369
Barium (Ba) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0909
	Accuracy 90.9%
	Limit 0.0800 - 0.1200
Dissolved Barium (Ba) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 2.881
	Accuracy 81.4%
	Limit 1.94 - 2.92
Beryllium (Be) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1054
	Accuracy 94.6%
	Limit 0.0800 - 0.1200
Dissolved Beryllium (Be) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.922
	Accuracy 86.9%
	Limit 1.36 - 2.04
Boron (B) mg/L	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.07
	Accuracy 93%
	Limit 0.800 - 1.200
Dissolved Boron (B) mg/L	Blank <0.01
	Standard name DMR-0219-2017-Eu
	Result 3.17
	Accuracy 89.9%
	Limit 2.30 - 3.46
Bromides mg/L	Blank <0.01
	Standard name DMR-0119-2017-Br
	Result 5.52
	Accuracy 98%
	Limit 4.50 - 6.76
Cadmium (Cd) mg/L	Blank <0.00002

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Quality control Report

Lab number: V-67040

Sample name: NP2 West KIA DUP

Sampling date: August 22, 2017

Sampling location: NP2 West KIA DUP

Sampling hour: 09:20

Parameter	
	Standard name C00-046-705_X_1000
	Result 0.10785
	Accuracy 92.2%
	Limit 0.0800 - 0.1200
Dissolved Cadmium (Cd) mg/L	Blank <0.00002
	Standard name DMR-0219-2017-Eu
	Result 1.0050
	Accuracy 88.5%
	Limit 0.721 - 1.081
Calcium (Ca) mg/L	Blank <0.03
	Standard name C00-046-705_X_1000
	Result 0.95
	Accuracy 95%
	Limit 0.800 - 1.200
Dissolved Organic Carbon (D.O.C.) mg/L	Blank <0.2
	Standard name COD 10mg/L
	Result 10
	Accuracy 100%
	Limit 8 - 12
Total Organic Carbon (T.O.C.) mg/L	Blank <0.2
	Standard name COT 10mg/L
	Result 10
	Accuracy 100%
	Limit 8 - 12
Chloride mg/L	Blank <0.5
	Standard name DMR-0417-2017-CI
	Result 113
	Accuracy 95.4%
	Limit 95 - 121
	Sample duplicate 4.5-4.6
Chrome (Cr) mg/L	Blank <0.0006
	Standard name C00-046-705_X_1000
	Result 0.1001
	Accuracy 99.9%
	Limit 0.0800 - 0.1200
Dissolved Chromium (Cr) mg/L	Blank <0.0006
	Standard name DMR-0219-2017-Eu
	Result 4.185
	Accuracy 96.7%
	Limit 3.24 - 4.86

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Quality control Report

Lab number: V-67040

Sample name: NP2 West KIA DUP

Sampling date: August 22, 2017

Sampling location: NP2 West KIA DUP

Sampling hour: 09:20

Parameter	
Cobalt (Co) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1040 Accuracy 96% Limit 0.0800 - 0.1200
Dissolved Cobalt (Co) mg/L	Blank <0.0005 Standard name DMR-0219-2017-Eu Result 1.618 Accuracy 96.3% Limit 1.25 - 1.87
Conductivity µmhos/cm	Standard name STD cond maison Result 1404 Accuracy 99.2% Limit 1203 - 1627
Colour UCV	Blank <1 Standard name DMR-0417-2017-Coul Result 90 Accuracy 96.6% Limit 67 - 107
Copper (Cu) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1079 Accuracy 92.1% Limit 0.0800 - 0.1200
Dissolved Copper (Cu) mg/L	Blank <0.0005 Standard name DMR-0219-2017-Eu Result 1.485 Accuracy 84% Limit 1.02 - 1.54
Cyanide W.A.D. mg/L	Blank <0.001 Standard name DMR-0343-CN Result 0.921 Accuracy 95.7% Limit 0.751 - 1.015
Total Cyanide (CNT) mg/L	Blank <0.001 Standard name DMR-0343-CN Result 1.28 Accuracy 91.5% Limit 1.003 - 1.357
Tin (Sn) mg/L	Blank <0.001

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Quality control Report

Lab number: V-67040

Sample name: NP2 West KIA DUP

Sampling location: NP2 West KIA DUP

Sampling date: August 22, 2017

Sampling hour: 09:20

Parameter	
	Standard name DMR-0310-2016-Sn
	Result 7.36
	Accuracy 81.1%
	Limit 7.26 - 10.88
dissolved Tin (Sn) mg/L	Blank <0.001
	Standard name DMR-0310-2016-Sn
	Result 9.75
	Accuracy 92.5%
	Limit 6.35 - 11.79
Iron (Fe) mg/L	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.13
	Accuracy 87%
	Limit 0.800 - 1.200
Dissolved Iron (Fe) mg/L	Blank <0.01
	Standard name DMR-0219-2017-Eu
	Result 13.5
	Accuracy 81.6%
	Limit 9.1 - 13.7
Fluoride (F) mg/L	Blank <0.02
	Standard name DMR-0417-2017-F
	Result 2.22
	Accuracy 96.5%
	Limit 2.13 - 2.47
Lithium (Li) mg/L	Blank <0.005
Dissolved Lithium (Li) mg/L	Blank <0.005
Total Suspended Solids mg/L	Blank <1
	Standard name STD-MES 25mg/L
	Result 23
	Accuracy 92%
	Limit 19 - 31
Magnesium (Mg) mg/L	Blank <0.02
	Standard name C00-046-705_X_1000
	Result 0.95
	Accuracy 95%
	Limit 0.800 - 1.200
Dissolved Magnesium (Mg) mg/L	Blank <0.02
	Standard name DMR-0219-2017-Eu
	Result 8.09
	Accuracy 97.7%

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Quality control Report

Lab number: V-67040

Sample name: NP2 West KIA DUP

Sampling location: NP2 West KIA DUP

Sampling date: August 22, 2017

Sampling hour: 09:20

Parameter	
Manganese (Mn) mg/L	Limit 6.33 - 9.49
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1052
	Accuracy 94.8%
Dissolved Manganese (Mn) mg/L	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 4.027
	Accuracy 96.7%
Mercury (Hg) mg/L	Limit 3.12 - 4.68
	Blank <0.00001
	Standard name DMR-0343-2017-HgEu
	Result 0.00047
	Accuracy 67.1%
Dissolved Mercury (Hg) mg/L	Limit 0.00042 - 0.00098
	Sample duplicate <0.00001-0.00001
	Blank <0.00001
	Standard name DMR-0343-2017-HgEu
	Result 0.00045
Molybdenum (Mo) mg/L	Accuracy 64.3%
	Limit 0.00042 - 0.00098
	Sample duplicate 0.00004-0.00003
	Blank <0.0005
	Standard name C00-046-705_X_1000
Dissolved Molybdenum (Mo) mg/L	Result 0.1041
	Accuracy 95.9%
	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name DMR-0219-2017-Eu
Nickel (Ni) mg/L	Result 0.7358
	Accuracy 96.1%
	Limit 0.566 - 0.850
	Blank <0.0005
	Standard name C00-046-705_X_1000
Dissolved Nickel (Ni) mg/L	Result 0.1081
	Accuracy 91.9%
	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name DMR-0219-2017-Eu

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Quality control Report

Lab number: V-67040

Sample name: NP2 West KIA DUP

Sampling location: NP2 West KIA DUP

Sampling date: August 22, 2017

Sampling hour: 09:20

Parameter	
	Result 1.216
	Accuracy 93.3%
	Limit 0.91 - 1.37
Nitrate (NO3) mg N/L	Blank <0.01
Nitrite (NO2) mg N/L	Blank <0.01
	Standard name DMR-0417-2017-NO2
	Result 2.73
	Accuracy 99.3%
	Limit 2.30 - 3.12
Ortho-Phosphate (O-PO4) mg P/L	Blank <0.01
	Standard name DMR-0417-2017-OPO4
	Result 2.82
	Accuracy 88.4%
	Limit 2.81 - 3.57
pH	Standard name STD pH 7.0
	Result 7.00
	Accuracy 100%
	Limit 6.96 - 7.04
Lead (Pb) mg/L	Blank <0.0003
	Standard name C00-046-705_X_1000
	Result 0.0839
	Accuracy 83.9%
	Limit 0.0800 - 0.1200
Dissolved Lead (Pb) mg/L	Blank <0.0003
	Standard name DMR-0219-2017-Eu
	Result 0.9576
	Accuracy 94%
	Limit 0.722 - 1.084
Potassium (K) mg/L	Blank <0.05
	Standard name C00-046-705_X_1000
	Result 0.90
	Accuracy 90%
	Limit 0.800 - 1.200
Selenium (Se) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.111
	Accuracy 89%
	Limit 0.0800 - 0.1200
Dissolved Selenium (Se) mg/L	Blank <0.001
	Standard name DMR-0219-2017-Eu

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Quality control Report

Lab number: V-67040

Sample name: NP2 West KIA DUP

Sampling date: August 22, 2017

Sampling location: NP2 West KIA DUP

Sampling hour: 09:20

Parameter	
	Result 1.60
	Accuracy 81.5%
	Limit 1.08 - 1.62
Sodium (Na) mg/L	Blank <0.05
	Standard name C00-046-705_X_1000
	Result 0.94
	Accuracy 94%
	Limit 0.800 - 1.200
Strontium (Sr) mg/L	Blank <0.005
dissolved Strontium (Sr) mg/L	Blank <0.005
Sulfate (SO4) mg SO4/L	Blank <0.6
	Standard name DMR-0417-2017-SO4
	Result 116
	Accuracy 94.3%
	Limit 114 - 132
Tellurium (Te) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1079
	Accuracy 92.1%
	Limit 0.0800 - 0.1200
Thallium (Tl) mg/L	Blank <0.0008
Dissolved thallium (Tl) mg/L	Blank <0.0008
Thiocyanate (SCN) mg SCN/L	Blank <0.05
	Standard name STD SCN 568ppm
	Result 593
	Accuracy 95.6%
	Limit 398 - 738
Thiosulfates (S2O3) mg S2O3/L	Blank <0.02
	Standard name S2O3-225ppm
	Result 232
	Accuracy 96.9%
	Limit 158 - 293
Titanium (Ti) mg/L	Blank <0.01
Dissolved titanium (Ti) mg/L	Blank <0.01
Turbidity UTN	Standard name DMR-0417-2017-Turb
	Result 5.87
	Accuracy 86.9%
	Limit 4.41 - 5.97
Uranium (U) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Quality control Report

Lab number: V-67040

Sample name: NP2 West KIA DUP

Sampling date: August 22, 2017

Sampling location: NP2 West KIA DUP

Sampling hour: 09:20

Parameter

Result 0.104
Accuracy 96%
Limit 0.0800 - 0.1200
Dissolved Uranium (U) mg/L Blank <0.001
Standard name DMR-0219-2017-Eu

Result 1.89
Accuracy 92.6%
Limit 1.41 - 2.11
Vanadium (V) mg/L Blank <0.0005
Standard name C00-046-705_X_1000

Result 0.1039
Accuracy 96.1%
Limit 0.0800 - 0.1200
Dissolved Vanadium mg/L Blank <0.0005
Standard name DMR-0219-2017-Eu

Result 1.987
Accuracy 99.8%
Limit 1.59 - 2.39
Zinc (Zn) mg/L Blank <0.001
Standard name C00-046-705_X_1000

Result 0.102
Accuracy 98%
Limit 0.0800 - 0.1200
Dissolved Zinc mg/L Blank <0.001
Standard name DMR-0219-2017-Eu

Result 5.19
Accuracy 86.2%
Limit 3.65 - 5.47

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Additional information

Lab number: V-67040

Sample name: NP2 West KIA DUP

Sampling location: NP2 West KIA DUP

Sampling date: August 22, 2017

Sampling hour: 09:20

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-CL-2.0	MA.300-Ions 1.3
M-COUL-1.0	MA.103-Col. 2.0
M-CN-1.0	MA.300-CN 1.2
M-CI-1.0	MA.300-Anions 1.0
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-P-2.0	MA.303-P 1.1
M-SULF-2.0	MA.300-Ions 1.3
M-TURB-1.0	MA.103-Tur. 1.0

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-67039

Sampling location: NP2 West KIA

Sampling date: August 22, 2017

Sample name: NP2 West KIA

Sampling hour: 09:20

Sampled by: Fanny L. Martin T

Date received: August 23, 2017

Matrix: Water

Drinking water distribution:

Reported on: September 11, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Lab number: V-67039

Sample name: NP2 West KIA

Sampling date: August 22, 2017

Sampling location: NP2 West KIA

Sampling hour: 09:20

Parameter	Result	Method name	Analysis date
Alkalinity	60 mg CaCO ₃ /L	M-TIT-1.0	August 23, 2017
Aluminium (Al)	0.008 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Antimony (Sb)	<0.0001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Antimony (Sb)	<0.0001 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	<0.05 mg N/L	Sous-traitance\H2Lab inc. (SAM)	August 25, 2017
Kjeldahl nitrogen	<0.7 mg N/L	Sous-traitance\H2Lab inc. (SAM)	August 31, 2017
Barium (Ba)	0.0077 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Barium (Ba)	0.0062 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
bicarbonate (HCO ₃)	60 mg CaCO ₃ /L	M-TIT-1.0	August 23, 2017
Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Bromides	0.04 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Calcium (Ca)	20.5 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Carbonate (CO ₃)	<2 mg CaCO ₃ /L	M-TIT-1.0	August 23, 2017
Dissolved Organic Carbon (D.O.C.)	6.0 mg/L	M-COT-1.0	August 24, 2017
Total Organic Carbon (T.O.C.)	6.0 mg/L	M-COT-1.0	August 24, 2017
Chlorophyll A	2.7 µg/L	Sous-traitance\H2Lab inc. (SAM)	August 31, 2017
Chloride	4.5 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Chrome (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Chromium (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Cobalt (Co)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Cobalt (Co)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Conductivity	222 µmhos/cm	M-TIT-1.0	August 23, 2017
Colour	1 Colour units	Sous-traitance\Multilab Direct	August 24, 2017
Copper (Cu)	0.0027 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Copper (Cu)	0.0028 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Cyanide W.A.D.	0.009 mg/L	Sous-traitance\Multilab Direct	September 01, 2017
Total Cyanide (CNT)	0.012 mg/L	Sous-traitance\Multilab Direct	September 01, 2017
Hardness	79 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	September 06, 2017
Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
dissolved Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 29, 2017

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Analytical Report

Lab number: V-67039

Sample name: NP2 West KIA

Sampling location: NP2 West KIA

Sampling date: August 22, 2017

Sampling hour: 09:20

Parameter	Result	Method name	Analysis date
Iron (Fe)	0.05 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Iron (Fe)	0.01 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Fluoride (F)	0.12 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Dissolved Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Total Suspended Solids	<1 mg/L	M-SOLI-1.0	August 24, 2017
Magnesium (Mg)	6.80 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Magnesium (Mg)	6.94 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Manganese (Mn)	0.0076 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Manganese (Mn)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Dissolved Mercury (Hg)	0.00005 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Molybdenum (Mo)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Molybdenum (Mo)	0.0006 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Ammonia NH3 (non-ionized)	<0.05 mg N/L	Sous-traitance\H2Lab inc. (SAM)	August 25, 2017
Nickel (Ni)	0.0012 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Nickel (Ni)	0.0015 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Nitrate (NO3)	0.01 mg N/L	Sous-traitance\Multilab Direct	August 24, 2017
Nitrite (NO2)	<0.01 mg N/L	Sous-traitance\Multilab Direct	August 24, 2017
Ortho-Phosphate (O-PO4)	<0.01 mg P/L	Sous-traitance\Multilab Direct	August 24, 2017
Dissolved oxygen	10.0 mg/L	Sous-traitance\Multilab Direct	August 24, 2017
pH	8.03	M-TIT-1.0	August 22, 2017
Total Phosphorus (P) (Trace)	6.1 µg P/L	Sous-traitance\H2Lab inc. (SAM)	August 31, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Potassium (K)	2.50 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Reactive silica (SiO2)	0.35 mg/L	Sous-traitance\Maxxam	August 28, 2017
Sodium (Na)	9.35 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Solids	148 mg/L	M-TIT-1.0	August 23, 2017
Strontium (Sr)	0.082 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
dissolved Strontium (Sr)	0.075 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Sulfate (SO4)	44.1 mg SO4/L	Sous-traitance\Multilab Direct	August 31, 2017
Tellurium (Te)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Dissolved thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Thiocyanate (SCN)	<0.05 mg SCN/L	Sous-traitance\Multilab Direct	August 30, 2017
Thiosulfates (S2O3)	<0.02 mg S2O3/L	Sous-traitance\Multilab Direct	August 28, 2017
Titanium (Ti)	0.02 mg/L	Sous-traitance\Multilab Direct	September 06, 2017

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Analytical Report

Lab number: V-67039

Sample name: NP2 West KIA

Sampling date: August 22, 2017

Sampling location: NP2 West KIA

Sampling hour: 09:20

Parameter	Result	Method name	Analysis date
Dissolved titanium (Ti)	0.02 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Turbidity	1.08 NTU	Sous-traitance\Multilab Direct	August 24, 2017
Uranium (U)	0.001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Uranium (U)	0.001 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Vanadium (V)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Vanadium	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Zinc (Zn)	0.001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Zinc	<0.001 mg/L	Sous-traitance\Multilab Direct	August 29, 2017

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Detection limit

Lab number: V-67039

Sample name: NP2 West KIA

Sampling date: August 22, 2017

Sampling location: NP2 West KIA

Sampling hour: 09:20

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO3/L	M-TIT-1.0	
Aluminium (Al)	0.006	mg/L	Sous-traitance	
Dissolved Aluminium (Al)	0.006	mg/L	Sous-traitance	
Antimony (Sb)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Antimony (Sb)	0.0001	mg/L	Sous-traitance	
Silver (Ag)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Silver (Ag)	0.0001	mg/L	Sous-traitance	
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Arsenic (As)	0.0005	mg/L	Sous-traitance	
Kjeldahl nitrogen	0.05	mg N/L	Sous-traitance	
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Barium (Ba)	0.0005	mg/L	Sous-traitance	
Beryllium (Be)	0.0005	mg/L	Sous-traitance	
Dissolved Beryllium (Be)	0.0005	mg/L	Sous-traitance	
bicarbonate (HCO3)	2	mg CaCO3/L	M-TIT-1.0	
Boron (B)	0.01	mg/L	Sous-traitance	Yes
Dissolved Boron (B)	0.01	mg/L	Sous-traitance	
Bromides	0.01	mg/L	Sous-traitance	
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Dissolved Cadmium (Cd)	0.00002	mg/L	Sous-traitance	
Calcium (Ca)	0.03	mg/L	Sous-traitance	Yes
Carbonate (CO3)	2	mg CaCO3/L	M-TIT-1.0	
Dissolved Organic Carbon (D.O.C.)	0.2	mg/L	M-COT-1.0	--
Total Organic Carbon (T.O.C.)	0.2	mg/L	M-COT-1.0	Yes
Chlorophyll A	0.13	µg/L	Sous-traitance	
Chloride	0.5	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Dissolved Chromium (Cr)	0.0006	mg/L	Sous-traitance	
Cobalt (Co)	0.0005	mg/L	Sous-traitance	
Dissolved Cobalt (Co)	0.0005	mg/L	Sous-traitance	
Conductivity	1	µmhos/cm	M-TIT-1.0	Yes
Colour	1	UCV	Sous-traitance	Yes
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Copper (Cu)	0.0005	mg/L	Sous-traitance	
Cyanide W.A.D.	0.001	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO3/L	Sous-traitance	
Tin (Sn)	0.001	mg/L	Sous-traitance	Yes
dissolved Tin (Sn)	0.001	mg/L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes

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Detection limit

Lab number: V-67039

Sample name: NP2 West KIA

Sampling date: August 22, 2017

Sampling location: NP2 West KIA

Sampling hour: 09:20

Parameter	Value	Unit	Method	Accreditation
Dissolved Iron (Fe)	0.01	mg/L	Sous-traitance	
Fluoride (F)	0.02	mg/L	Sous-traitance	Yes
Lithium (Li)	0.005	mg/L	Sous-traitance	
Dissolved Lithium (Li)	0.005	mg/L	Sous-traitance	
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Magnesium (Mg)	0.02	mg/L	Sous-traitance	Yes
Dissolved Magnesium (Mg)	0.02	mg/L	Sous-traitance	
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Manganese (Mn)	0.0005	mg/L	Sous-traitance	
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Dissolved Mercury (Hg)	0.00001	mg/L	Sous-traitance	
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Nickel (Ni)	0.0005	mg/L	Sous-traitance	
Nitrate (NO3)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO2)	0.01	mg N/L	Sous-traitance	Yes
Ortho-Phosphate (O-PO4)	0.01	mg P/L	Sous-traitance	Yes
Dissolved oxygen	0.1	mg/L	Sous-traitance	
pH			M-TIT-1.0	Yes
Total Phosphorus (P) (Trace)	1.9	µg P/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Dissolved Lead (Pb)	0.0003	mg/L	Sous-traitance	
Potassium (K)	0.05	mg/L	Sous-traitance	
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Dissolved Selenium (Se)	0.001	mg/L	Sous-traitance	
Reactive silica (SiO2)		mg/L	Sous-traitance	
Sodium (Na)	0.05	mg/L	Sous-traitance	Yes
Dissolved Solids	1	mg/L	M-TIT-1.0	
Strontium (Sr)	0.005	mg/L	Sous-traitance	
dissolved Strontium (Sr)	0.005	mg/L	Sous-traitance	
Sulfate (SO4)	0.6	mg SO4/L	Sous-traitance	Yes
Tellurium (Te)	0.0005	mg/L	Sous-traitance	
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Dissolved thallium (Tl)	0.0008	mg/L	Sous-traitance	
Thiocyanate (SCN)	0.05	mg SCN/L	Sous-traitance	Yes
Thiosulfates (S2O3)	0.02	mg S2O3/L	Sous-traitance	Yes
Titanium (Ti)	0.01	mg/L	Sous-traitance	
Dissolved titanium (Ti)	0.01	mg/L	Sous-traitance	
Turbidity	0.02	UTN	Sous-traitance	Yes

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Detection limit

Lab number: V-67039

Sample name: NP2 West KIA

Sampling date: August 22, 2017

Sampling location: NP2 West KIA

Sampling hour: 09:20

Parameter	Value	Unit	Method	Accreditation
Uranium (U)	0.001	mg/L	Sous-traitance	
Dissolved Uranium (U)	0.001	mg/L	Sous-traitance	
Vanadium (V)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Vanadium	0.0005	mg/L	Sous-traitance	
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes
Dissolved Zinc	0.001	mg/L	Sous-traitance	

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Quality control Report

Lab number: V-67039

Sample name: NP2 West KIA

Sampling location: NP2 West KIA

Sampling date: August 22, 2017

Sampling hour: 09:20

Parameter	
Alkalinity mg CaCO3/L	Standard name STD alcalinité Result 151 Accuracy 95.9% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006
	Standard name C00-046-705_X_1000 Result 0.997 Accuracy 99.7% Limit 0.800 - 1.200
Dissolved Aluminium (Al) mg/L	Blank <0.006
	Standard name DMR-0219-2017-Eu Result 6.28 Accuracy 99.8% Limit 5.02 - 7.52
Antimony (Sb) mg/L	Blank <0.0001
	Standard name C00-046-705_X_1000 Result 0.0116 Accuracy 84% Limit 0.0080 - 0.0120
Dissolved Antimony (Sb) mg/L	Blank <0.0001
	Standard name DMR-0219-2017-Eu Result 0.2262 Accuracy 98.1% Limit 0.178 - 0.266
Silver (Ag) mg/L	Blank <0.0001
	Standard name DMR-0343-2017-Ag Result 0.7045 Accuracy 87.8% Limit 0.642 - 0.962
Dissolved Silver (Ag) mg/L	Blank <0.0001
	Standard name DMR-0343-2017-Ag Result 0.8046 Accuracy 99.7% Limit 0.642 - 0.962
Arsenic (As) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000 Result 0.0880 Accuracy 88% Limit 0.0700 - 0.1300
Dissolved Arsenic (As) mg/L	Blank <0.0005

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Quality control Report

Lab number: V-67039

Sample name: NP2 West KIA

Sampling location: NP2 West KIA

Sampling date: August 22, 2017

Sampling hour: 09:20

Parameter	
	Standard name DMR-0219-2017-Eu
	Result 0.3468
	Accuracy 77.9%
	Limit 0.199 - 0.369
Barium (Ba) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0909
	Accuracy 90.9%
	Limit 0.0800 - 0.1200
Dissolved Barium (Ba) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 2.881
	Accuracy 81.4%
	Limit 1.94 - 2.92
Beryllium (Be) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1054
	Accuracy 94.6%
	Limit 0.0800 - 0.1200
Dissolved Beryllium (Be) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.922
	Accuracy 86.9%
	Limit 1.36 - 2.04
Boron (B) mg/L	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.07
	Accuracy 93%
	Limit 0.800 - 1.200
Dissolved Boron (B) mg/L	Blank <0.01
	Standard name DMR-0219-2017-Eu
	Result 3.17
	Accuracy 89.9%
	Limit 2.30 - 3.46
Bromides mg/L	Blank <0.01
	Standard name DMR-0119-2017-Br
	Result 5.52
	Accuracy 98%
	Limit 4.50 - 6.76
Cadmium (Cd) mg/L	Blank <0.00002

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Quality control Report

Lab number: V-67039

Sample name: NP2 West KIA

Sampling location: NP2 West KIA

Sampling date: August 22, 2017

Sampling hour: 09:20

Parameter	
	Standard name C00-046-705_X_1000
	Result 0.10785
	Accuracy 92.2%
	Limit 0.0800 - 0.1200
Dissolved Cadmium (Cd) mg/L	Blank <0.00002
	Standard name DMR-0219-2017-Eu
	Result 1.0050
	Accuracy 88.5%
	Limit 0.721 - 1.081
Calcium (Ca) mg/L	Blank <0.03
	Standard name C00-046-705_X_1000
	Result 0.95
	Accuracy 95%
	Limit 0.800 - 1.200
Dissolved Organic Carbon (D.O.C.) mg/L	Blank <0.2
	Standard name COD 10mg/L
	Result 10
	Accuracy 100%
	Limit 8 - 12
	Sample duplicate 6.0-5.8
Total Organic Carbon (T.O.C.) mg/L	Blank <0.2
	Standard name COT 10mg/L
	Result 10
	Accuracy 100%
	Limit 8 - 12
	Sample duplicate 6.0-5.8
Chloride mg/L	Blank <0.5
	Standard name DMR-0417-2017-Cl
	Result 113
	Accuracy 95.4%
	Limit 95 - 121
Chrome (Cr) mg/L	Blank <0.0006
	Standard name C00-046-705_X_1000
	Result 0.1001
	Accuracy 99.9%
	Limit 0.0800 - 0.1200
Dissolved Chromium (Cr) mg/L	Blank <0.0006
	Standard name DMR-0219-2017-Eu
	Result 4.185
	Accuracy 96.7%

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Quality control Report

Lab number: V-67039

Sample name: NP2 West KIA

Sampling location: NP2 West KIA

Sampling date: August 22, 2017

Sampling hour: 09:20

Parameter	
Cobalt (Co) mg/L	Limit 3.24 - 4.86
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1040
	Accuracy 96%
Dissolved Cobalt (Co) mg/L	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.618
	Accuracy 96.3%
Conductivity µmhos/cm	Limit 1.25 - 1.87
	Standard name STD cond maison
	Result 1404
	Accuracy 99.2%
Colour UCV	Limit 1203 - 1627
	Blank <1
	Standard name DMR-0417-2017-Coul
	Result 90
Copper (Cu) mg/L	Accuracy 96.6%
	Limit 67 - 107
	Blank <0.0005
	Standard name C00-046-705_X_1000
Dissolved Copper (Cu) mg/L	Result 0.1079
	Accuracy 92.1%
	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name DMR-0219-2017-Eu
Cyanide W.A.D. mg/L	Result 1.485
	Accuracy 84%
	Limit 1.02 - 1.54
	Blank <0.001
	Standard name DMR-0343-CN
Total Cyanide (CNT) mg/L	Result 0.921
	Accuracy 95.7%
	Limit 0.751 - 1.015
	Blank <0.001
	Standard name DMR-0343-CN
Total Cyanide (CNT) mg/L	Result 1.28
	Accuracy 91.5%
	Limit 1.003 - 1.357
	Blank <0.001

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Quality control Report

Lab number: V-67039

Sample name: NP2 West KIA

Sampling location: NP2 West KIA

Sampling date: August 22, 2017

Sampling hour: 09:20

Parameter	
Tin (Sn) mg/L	Blank <0.001 Standard name DMR-0310-2016-Sn Result 7.36 Accuracy 81.1% Limit 7.26 - 10.88
dissolved Tin (Sn) mg/L	Blank <0.001 Standard name DMR-0310-2016-Sn Result 9.75 Accuracy 92.5% Limit 6.35 - 11.79
Iron (Fe) mg/L	Blank <0.01 Standard name C00-046-705_X_1000 Result 1.13 Accuracy 87% Limit 0.800 - 1.200
Dissolved Iron (Fe) mg/L	Blank <0.01 Standard name DMR-0219-2017-Eu Result 13.5 Accuracy 81.6% Limit 9.1 - 13.7
Fluoride (F) mg/L	Blank <0.02 Standard name DMR-0417-2017-F Result 2.22 Accuracy 96.5% Limit 2.13 - 2.47
Lithium (Li) mg/L	Blank <0.005
Dissolved Lithium (Li) mg/L	Blank <0.005
Total Suspended Solids mg/L	Blank <1 Standard name STD-MES 25mg/L Result 23 Accuracy 92% Limit 19 - 31 Sample duplicate <1-<1
Magnesium (Mg) mg/L	Blank <0.02 Standard name C00-046-705_X_1000 Result 0.95 Accuracy 95% Limit 0.800 - 1.200
Dissolved Magnesium (Mg) mg/L	Blank <0.02 Standard name DMR-0219-2017-Eu

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Quality control Report

Lab number: V-67039

Sample name: NP2 West KIA

Sampling location: NP2 West KIA

Sampling date: August 22, 2017

Sampling hour: 09:20

Parameter	
Manganese (Mn) mg/L	Result 8.09
	Accuracy 97.7%
	Limit 6.33 - 9.49
	Blank <0.0005
	Standard name C00-046-705_X_1000
Dissolved Manganese (Mn) mg/L	Result 0.1052
	Accuracy 94.8%
	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name DMR-0219-2017-Eu
Mercury (Hg) mg/L	Result 4.027
	Accuracy 96.7%
	Limit 3.12 - 4.68
	Blank <0.00001
	Standard name DMR-0343-2017-HgEu
Dissolved Mercury (Hg) mg/L	Result 0.00047
	Accuracy 67.1%
	Limit 0.00042 - 0.00098
	Blank <0.00001
	Standard name DMR-0343-2017-HgEu
Molybdenum (Mo) mg/L	Result 0.00045
	Accuracy 64.3%
	Limit 0.00042 - 0.00098
	Blank <0.0005
	Standard name C00-046-705_X_1000
Dissolved Molybdenum (Mo) mg/L	Result 0.1041
	Accuracy 95.9%
	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name DMR-0219-2017-Eu
Nickel (Ni) mg/L	Result 0.7358
	Accuracy 96.1%
	Limit 0.566 - 0.850
	Blank <0.0005
	Standard name C00-046-705_X_1000
Dissolved Nickel (Ni) mg/L	Result 0.1081
	Accuracy 91.9%
	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name DMR-0219-2017-Eu

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Quality control Report

Lab number: V-67039

Sample name: NP2 West KIA

Sampling location: NP2 West KIA

Sampling date: August 22, 2017

Sampling hour: 09:20

Parameter	
Nitrate (NO3) mg N/L	Result 1.216
	Accuracy 93.3%
	Limit 0.91 - 1.37
	Blank <0.01
	Sample duplicate 0.01-0.01
Nitrite (NO2) mg N/L	Blank <0.01
	Standard name DMR-0417-2017-NO2
	Result 2.73
	Accuracy 99.3%
	Limit 2.30 - 3.12
Ortho-Phosphate (O-PO4) mg P/	Sample duplicate <0.01-<0.01
	Blank <0.01
	Standard name DMR-0417-2017-OPO4
	Result 2.82
	Accuracy 88.4%
pH	Limit 2.81 - 3.57
	Standard name STD pH 7.0
	Result 7.00
	Accuracy 100%
	Limit 6.96 - 7.04
Lead (Pb) mg/L	Blank <0.0003
	Standard name C00-046-705_X_1000
	Result 0.0839
	Accuracy 83.9%
	Limit 0.0800 - 0.1200
Dissolved Lead (Pb) mg/L	Blank <0.0003
	Standard name DMR-0219-2017-Eu
	Result 0.9576
	Accuracy 94%
	Limit 0.722 - 1.084
Potassium (K) mg/L	Blank <0.05
	Standard name C00-046-705_X_1000
	Result 0.90
	Accuracy 90%
	Limit 0.800 - 1.200
Selenium (Se) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.111
	Accuracy 89%
	Limit 0.0800 - 0.1200

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Quality control Report

Lab number: V-67039

Sample name: NP2 West KIA

Sampling location: NP2 West KIA

Sampling date: August 22, 2017

Sampling hour: 09:20

Parameter	
Dissolved Selenium (Se) mg/L	Blank <0.001 Standard name DMR-0219-2017-Eu Result 1.60 Accuracy 81.5% Limit 1.08 - 1.62
Sodium (Na) mg/L	Blank <0.05 Standard name C00-046-705_X_1000 Result 0.94 Accuracy 94% Limit 0.800 - 1.200
Strontium (Sr) mg/L	Blank <0.005
dissolved Strontium (Sr) mg/L	Blank <0.005
Sulfate (SO4) mg SO4/L	Blank <0.6 Standard name DMR-0417-2017-SO4 Result 116 Accuracy 94.3% Limit 114 - 132
Tellurium (Te) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1079 Accuracy 92.1% Limit 0.0800 - 0.1200
Thallium (Tl) mg/L	Blank <0.0008
Dissolved thallium (Tl) mg/L	Blank <0.0008
Thiocyanate (SCN) mg SCN/L	Blank <0.05 Standard name STD SCN 568ppm Result 593 Accuracy 95.6% Limit 398 - 738
Thiosulfates (S2O3) mg S2O3/L	Blank <0.02 Standard name S2O3-225ppm Result 232 Accuracy 96.9% Limit 158 - 293
Titanium (Ti) mg/L	Blank <0.01
Dissolved titanium (Ti) mg/L	Blank <0.01
Turbidity UTN	Standard name DMR-0417-2017-Turb Result 5.87 Accuracy 86.9% Limit 4.41 - 5.97

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Quality control Report

Lab number: V-67039

Sample name: NP2 West KIA

Sampling location: NP2 West KIA

Sampling date: August 22, 2017

Sampling hour: 09:20

Parameter	
Uranium (U) mg/L	Sample duplicate 1.08-1.01
	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.104
	Accuracy 96%
Dissolved Uranium (U) mg/L	Limit 0.0800 - 0.1200
	Blank <0.001
	Standard name DMR-0219-2017-Eu
	Result 1.89
	Accuracy 92.6%
Vanadium (V) mg/L	Limit 1.41 - 2.11
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1039
	Accuracy 96.1%
Dissolved Vanadium mg/L	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.987
	Accuracy 99.8%
Zinc (Zn) mg/L	Limit 1.59 - 2.39
	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.102
	Accuracy 98%
Dissolved Zinc mg/L	Limit 0.0800 - 0.1200
	Blank <0.001
	Standard name DMR-0219-2017-Eu
	Result 5.19
	Accuracy 86.2%
	Limit 3.65 - 5.47

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Additional information

Lab number: V-67039

Sample name: NP2 West KIA

Sampling location: NP2 West KIA

Sampling date: August 22, 2017

Sampling hour: 09:20

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-CL-2.0	MA.300-Ions 1.3
M-COUL-1.0	MA.103-Col. 2.0
M-CN-1.0	MA.300-CN 1.2
M-CI-1.0	MA.300-Anions 1.0
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-P-2.0	MA.303-P 1.1
M-SULF-2.0	MA.300-Ions 1.3
M-TURB-1.0	MA.103-Tur. 1.0

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SGS Canada Inc.

P.O. Box 4300 - 185 Concession St.
Lakefield - Ontario - K0L 2H0
Phone: 705-652-2000 FAX: 705-652-6365

30-August-2017

Agnico Eagle Mines Limited

Attn : Jamie Quesnel

Date Rec. : 24 August 2017
LR Report: CA15702-AUG17
Reference: PO# 572888

Baker Lake,
, X0C 0A0
Phone: (819) 759-3555, Fax:(819) 759-3663

Copy: #1

CERTIFICATE OF ANALYSIS

Final Report

Sample ID	Sample Date & Time	Temperature Upon Receipt °C	Cyanide (free) mg/L
1: Analysis Start Date		---	29-Aug-17
2: Analysis Start Time		---	10:00
3: Analysis Completed Date		---	29-Aug-17
4: Analysis Completed Time		---	15:33
5: MW-07	22-Aug-17 09:00	16.0	< 0.005
6: MW-07 DUP	22-Aug-17 09:00	16.0	< 0.005
7: Assay Trench	22-Aug-17 09:00	16.0	< 0.005
8: Assay Trench DUP	22-Aug-17 09:00	16.0	< 0.005
9: TPL Assay	22-Aug-17 09:00	16.0	< 0.005
10: TPL Assay DUP	22-Aug-17 09:00	16.0	< 0.005
11: NP2 South	22-Aug-17 09:00	16.0	< 0.005
12: NP2 South DUP	22-Aug-17 09:00	16.0	< 0.005
13: NP2 South FB	22-Aug-17 09:00	16.0	< 0.005
14: NP2 East	22-Aug-17 09:00	16.0	< 0.005
15: NP2 East DUP	22-Aug-17 09:00	16.0	< 0.005
16: NP2 West	22-Aug-17 09:00	16.0	< 0.005
17: NP2 West DUP	22-Aug-17 09:00	16.0	< 0.005

Brian Graham B.Sc.
Project Specialist
Environmental Services, Analytical



SGS Canada Inc.

P.O. Box 4300 - 185 Concession St.
Lakefield - Ontario - K0L 2H0
Phone: 705-652-2000 FAX: 705-652-6365

Project : PO#572888

30-August-2017

Agnico Eagle Mines Limited

Attn : Jamie Quesnel

Date Rec. : 25 August 2017
LR Report: CA15741-AUG17

Baker Lake
, Nunavut
X0C 0A0,

Copy: #1

Phone: (819) 759-3555
Fax:(819) 759-3663

CERTIFICATE OF ANALYSIS

Final Report

Sample ID	Sample Date & Time	Temperature Upon Receipt °C	Cyanide (free) mg/L
1: Analysis Start Date		---	29-Aug-17
2: Analysis Start Time		---	10:00
3: Analysis Completed Date		---	29-Aug-17
4: Analysis Completed Time		---	15:33
5: ST-16 KIA	22-Aug-17 13:00	19.0	< 0.005
6: ST-16 KIA DUP	22-Aug-17 13:00	19.0	< 0.005
7: ST-16 KIA FB	22-Aug-17 13:00	19.0	< 0.005
8: NP1 West KIA	22-Aug-17 13:00	19.0	< 0.005
9: SP1 West KIA DUP	22-Aug-17 13:00	19.0	< 0.005
10: Dogleg North KIA	22-Aug-17 13:00	19.0	< 0.005
11: Dogleg North KIA DUP	22-Aug-17 13:00	19.0	< 0.005
12: SPL RSF KIA	22-Aug-17 13:00	19.0	< 0.005
13: SPL RSF KIA Dup	22-Aug-17 13:00	19.0	< 0.005

Brian Graham B.Sc.
Project Specialist
Environmental Services, Analytical



Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-67091

Sampling location: SLP RSF KIA DUP

Sampling date: August 22, 2017

Sample name: SLP RSF KIA DUP

Sampling hour: 15:00

Sampled by: Fanny L. Isabelle C.

Date received: August 24, 2017

Matrix: Water

Drinking water distribution:

Reported on: September 13, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

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Analytical Report

Lab number: V-67091

Sample name: SLP RSF KIA DUP

Sampling date: August 22, 2017

Sampling location: SLP RSF KIA DUP

Sampling hour: 15:00

Parameter	Result	Method name	Analysis date
Alkalinity	40 mg CaCO ₃ /L	M-TIT-1.0	August 24, 2017
Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Antimony (Sb)	<0.0001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Antimony (Sb)	<0.0001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	<0.05 mg N/L	Sous-traitance\H2Lab inc. (SAM)	August 25, 2017
Kjeldahl nitrogen	0.46 mg N/L	Sous-traitance\H2Lab inc. (SAM)	August 25, 2017
Barium (Ba)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Barium (Ba)	0.0008 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
bicarbonate (HCO ₃)	40 mg CaCO ₃ /L	M-TIT-1.0	August 24, 2017
Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Bromides	<0.01 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Calcium (Ca)	3.61 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Carbonate (CO ₃)	<2 mg CaCO ₃ /L	M-TIT-1.0	August 24, 2017
Dissolved Organic Carbon (D.O.C.)	2.5 mg/L	M-COT-1.0	August 24, 2017
Total Organic Carbon (T.O.C.)	2.7 mg/L	M-COT-1.0	August 24, 2017
Chlorophyll A	0.78 µg/L	Sous-traitance\H2Lab inc. (SAM)	September 05, 2017
Chloride	0.7 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Chrome (Cr)	0.0009 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Chromium (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Cobalt (Co)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Cobalt (Co)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Conductivity	38 µmhos/cm	M-TIT-1.0	August 24, 2017
Colour	<1 Colour units	Sous-traitance\Multilab Direct	August 25, 2017
Copper (Cu)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Copper (Cu)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Cyanide W.A.D.	0.009 mg/L	Sous-traitance\Multilab Direct	September 01, 2017
Total Cyanide (CNT)	0.014 mg/L	Sous-traitance\Multilab Direct	September 01, 2017
Hardness	14 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	September 06, 2017
Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
dissolved Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017

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Analytical Report

Lab number: V-67091

Sample name: SLP RSF KIA DUP

Sampling date: August 22, 2017

Sampling location: SLP RSF KIA DUP

Sampling hour: 15:00

Parameter	Result	Method name	Analysis date
Iron (Fe)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Iron (Fe)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Fluoride (F)	0.07 mg/L	Sous-traitance\Multilab Direct	September 01, 2017
Lithium (Li)	0.072 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Dissolved Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Total Suspended Solids	5 mg/L	M-SOLI-1.0	August 25, 2017
Magnesium (Mg)	1.32 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Magnesium (Mg)	0.84 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Manganese (Mn)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Manganese (Mn)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Mercury (Hg)	0.00004 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Dissolved Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Molybdenum (Mo)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Molybdenum (Mo)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Ammonia NH3 (non-ionized)	<0.05 mg N/L	Sous-traitance\H2Lab inc. (SAM)	September 12, 2017
Nickel (Ni)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Nickel (Ni)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Nitrate (NO3)	<0.01 mg N/L	Sous-traitance\Multilab Direct	August 30, 2017
Nitrite (NO2)	<0.01 mg N/L	Sous-traitance\Multilab Direct	August 30, 2017
Ortho-Phosphate (O-PO4)	<0.01 mg P/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved oxygen	10.4 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
pH	7.41	M-TIT-1.0	August 24, 2017
Total Phosphorus (P) (Trace)	3.7 µg P/L	Sous-traitance\H2Lab inc. (SAM)	August 25, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Potassium (K)	0.49 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Reactive silica (SiO2)	0.37 mg/L	Sous-traitance\Maxxam	August 29, 2017
Sodium (Na)	0.94 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Solids	25 mg/L	M-TIT-1.0	August 24, 2017
Strontium (Sr)	0.016 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
dissolved Strontium (Sr)	0.015 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Sulfate (SO4)	6.6 mg SO4/L	Sous-traitance\Multilab Direct	August 31, 2017
Tellurium (Te)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Dissolved thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Thiocyanate (SCN)	<0.05 mg SCN/L	Sous-traitance\Multilab Direct	August 30, 2017
Thiosulfates (S2O3)	<0.02 mg S2O3/L	Sous-traitance\Multilab Direct	September 05, 2017
Titanium (Ti)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 06, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Analytical Report

Lab number: V-67091

Sample name: SLP RSF KIA DUP

Sampling date: August 22, 2017

Sampling location: SLP RSF KIA DUP

Sampling hour: 15:00

Parameter	Result	Method name	Analysis date
Dissolved titanium (Ti)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Turbidity	0.81 NTU	Sous-traitance\Multilab Direct	August 25, 2017
Uranium (U)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Uranium (U)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Vanadium (V)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Vanadium	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Zinc (Zn)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Zinc	0.004 mg/L	Sous-traitance\Multilab Direct	September 06, 2017

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Detection limit

Lab number: V-67091

Sample name: SLP RSF KIA DUP

Sampling date: August 22, 2017

Sampling location: SLP RSF KIA DUP

Sampling hour: 15:00

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO3/L	M-TIT-1.0	
Aluminium (Al)	0.003	mg/L	Sous-traitance	
Dissolved Aluminium (Al)	0.006	mg/L	Sous-traitance	
Antimony (Sb)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Antimony (Sb)	0.0001	mg/L	Sous-traitance	
Silver (Ag)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Silver (Ag)	0.0001	mg/L	Sous-traitance	
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Arsenic (As)	0.0005	mg/L	Sous-traitance	
Kjeldahl nitrogen	0.05	mg N/L	Sous-traitance	
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Barium (Ba)	0.0005	mg/L	Sous-traitance	
Beryllium (Be)	0.0005	mg/L	Sous-traitance	
Dissolved Beryllium (Be)	0.0005	mg/L	Sous-traitance	
bicarbonate (HCO3)	2	mg CaCO3/L	M-TIT-1.0	
Boron (B)	0.01	mg/L	Sous-traitance	Yes
Dissolved Boron (B)	0.006	mg/L	Sous-traitance	
Bromides	0.01	mg/L	Sous-traitance	
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Dissolved Cadmium (Cd)	0.00002	mg/L	Sous-traitance	
Calcium (Ca)	0.03	mg/L	Sous-traitance	Yes
Carbonate (CO3)	2	mg CaCO3/L	M-TIT-1.0	
Dissolved Organic Carbon (D.O.C.)	0.2	mg/L	M-COT-1.0	--
Total Organic Carbon (T.O.C.)	0.2	mg/L	M-COT-1.0	Yes
Chlorophyll A	0.13	µg/L	Sous-traitance	
Chloride	0.5	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Dissolved Chromium (Cr)	0.0006	mg/L	Sous-traitance	
Cobalt (Co)	0.0005	mg/L	Sous-traitance	
Dissolved Cobalt (Co)	0.0005	mg/L	Sous-traitance	
Conductivity	1	µmhos/cm	M-TIT-1.0	Yes
Colour	1	UCV	Sous-traitance	Yes
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Copper (Cu)	0.0005	mg/L	Sous-traitance	
Cyanide W.A.D.	0.001	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO3/L	Sous-traitance	
Tin (Sn)	0.001	mg/L	Sous-traitance	Yes
dissolved Tin (Sn)	0.001	mg/L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes

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Detection limit

Lab number: V-67091

Sample name: SLP RSF KIA DUP

Sampling date: August 22, 2017

Sampling location: SLP RSF KIA DUP

Sampling hour: 15:00

Parameter	Value	Unit	Method	Accreditation
Dissolved Iron (Fe)	0.01	mg/L	Sous-traitance	
Fluoride (F)	0.02	mg/L	Sous-traitance	Yes
Lithium (Li)	0.005	mg/L	Sous-traitance	
Dissolved Lithium (Li)	0.005	mg/L	Sous-traitance	
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Magnesium (Mg)	0.02	mg/L	Sous-traitance	Yes
Dissolved Magnesium (Mg)	0.02	mg/L	Sous-traitance	
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Manganese (Mn)	0.0005	mg/L	Sous-traitance	
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Dissolved Mercury (Hg)	0.00001	mg/L	Sous-traitance	
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Nickel (Ni)	0.0005	mg/L	Sous-traitance	
Nitrate (NO3)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO2)	0.01	mg N/L	Sous-traitance	Yes
Ortho-Phosphate (O-PO4)	0.01	mg P/L	Sous-traitance	Yes
Dissolved oxygen	0.1	mg/L	Sous-traitance	
pH			M-TIT-1.0	Yes
Total Phosphorus (P) (Trace)	1.9	µg P/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Dissolved Lead (Pb)	0.0003	mg/L	Sous-traitance	
Potassium (K)	0.05	mg/L	Sous-traitance	
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Dissolved Selenium (Se)	0.001	mg/L	Sous-traitance	
Reactive silica (SiO2)		mg/L	Sous-traitance	
Sodium (Na)	0.05	mg/L	Sous-traitance	Yes
Dissolved Solids	1	mg/L	M-TIT-1.0	
Strontium (Sr)	0.005	mg/L	Sous-traitance	
dissolved Strontium (Sr)	0.005	mg/L	Sous-traitance	
Sulfate (SO4)	0.6	mg SO4/L	Sous-traitance	Yes
Tellurium (Te)	0.0005	mg/L	Sous-traitance	
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Dissolved thallium (Tl)	0.0008	mg/L	Sous-traitance	
Thiocyanate (SCN)	0.05	mg SCN/L	Sous-traitance	Yes
Thiosulfates (S2O3)	0.02	mg S2O3/L	Sous-traitance	Yes
Titanium (Ti)	0.01	mg/L	Sous-traitance	
Dissolved titanium (Ti)	0.01	mg/L	Sous-traitance	
Turbidity	0.02	UTN	Sous-traitance	Yes

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Detection limit

Lab number: V-67091

Sample name: SLP RSF KIA DUP

Sampling date: August 22, 2017

Sampling location: SLP RSF KIA DUP

Sampling hour: 15:00

Parameter	Value	Unit	Method	Accreditation
Uranium (U)	0.001	mg/L	Sous-traitance	
Dissolved Uranium (U)	0.001	mg/L	Sous-traitance	
Vanadium (V)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Vanadium	0.0005	mg/L	Sous-traitance	
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes
Dissolved Zinc	0.001	mg/L	Sous-traitance	

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Quality control Report

Lab number: V-67091

Sample name: SLP RSF KIA DUP

Sampling date: August 22, 2017

Sampling location: SLP RSF KIA DUP

Sampling hour: 15:00

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 155 Accuracy 93.1% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006
	Standard name C00-046-705_X_1000 Result 0.882 Accuracy 88.2% Limit 0.800 - 1.200
Dissolved Aluminium (Al) mg/L	Blank <0.006
	Standard name C00-046-705_X_1000 Result 0.835 Accuracy 83.5% Limit 0.800 - 1.200
Antimony (Sb) mg/L	Blank <0.0001
	Standard name C00-046-705_X_1000 Result 0.0112 Accuracy 88% Limit 0.0080 - 0.0120
Dissolved Antimony (Sb) mg/L	Blank <0.0001
	Standard name C00-046-705_X_1000 Result 0.0085 Accuracy 85% Limit 0.0080 - 0.0120
Silver (Ag) mg/L	Blank <0.0001
	Standard name DMR-0343-2017-Ag Result 0.6647 Accuracy 82.9% Limit 0.642 - 0.962
Dissolved Silver (Ag) mg/L	Blank <0.0001
	Standard name DMR-0343-2017-Ag Result 0.7084 Accuracy 88.3% Limit 0.642 - 0.962
Arsenic (As) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000 Result 0.0922 Accuracy 92.2% Limit 0.0700 - 0.1300
Dissolved Arsenic (As) mg/L	Blank <0.0005

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Quality control Report

Lab number: V-67091

Sample name: SLP RSF KIA DUP

Sampling location: SLP RSF KIA DUP

Sampling date: August 22, 2017

Sampling hour: 15:00

Parameter	
	Standard name C00-046-705_X_1000
	Result 0.0957
	Accuracy 95.7%
	Limit 0.0800 - 0.1200
Barium (Ba) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0872
	Accuracy 87.2%
	Limit 0.0800 - 0.1200
Dissolved Barium (Ba) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0971
	Accuracy 97.1%
	Limit 0.0800 - 0.1200
Beryllium (Be) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0926
	Accuracy 92.6%
	Limit 0.0800 - 0.1200
Dissolved Beryllium (Be) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0989
	Accuracy 98.9%
	Limit 0.0800 - 0.1200
Boron (B) mg/L	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.03
	Accuracy 97%
	Limit 0.800 - 1.200
Dissolved Boron (B) mg/L	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.07
	Accuracy 93%
	Limit 0.800 - 1.200
Bromides mg/L	Blank <0.01
	Standard name DMR-0119-2017-Br
	Result 5.20
	Accuracy 92.4%
	Limit 4.50 - 6.76
Cadmium (Cd) mg/L	Blank <0.00002

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Quality control Report

Lab number: V-67091

Sample name: SLP RSF KIA DUP

Sampling date: August 22, 2017

Sampling location: SLP RSF KIA DUP

Sampling hour: 15:00

Parameter	
	Standard name C00-046-705_X_1000
	Result 0.08540
	Accuracy 85.4%
	Limit 0.0800 - 0.1200
Dissolved Cadmium (Cd) mg/L	Blank <0.00002
	Standard name C00-046-705_X_1000
	Result 0.08929
	Accuracy 89.3%
	Limit 0.0800 - 0.1200
Calcium (Ca) mg/L	Blank <0.03
	Standard name C00-046-705_X_1000
	Result 0.86
	Accuracy 86%
	Limit 0.800 - 1.200
Dissolved Organic Carbon (D.O.C.) mg/L	Blank <0.2
	Standard name COD 10mg/L
	Result 11
	Accuracy 90%
	Limit 8 - 12
	Sample duplicate 2.5-2.3
Total Organic Carbon (T.O.C.) mg/L	Blank <0.2
	Standard name COT 10mg/L
	Result 11
	Accuracy 90%
	Limit 8 - 12
	Sample duplicate 2.7-2.7
Chloride mg/L	Blank <0.5
	Standard name DMR-0417-2017-Cl
	Result 112
	Accuracy 96.3%
	Limit 95 - 121
Chrome (Cr) mg/L	Blank <0.0006
	Standard name C00-046-705_X_1000
	Result 0.0956
	Accuracy 95.6%
	Limit 0.0800 - 0.1200
Dissolved Chromium (Cr) mg/L	Blank <0.0006
	Standard name C00-046-705_X_1000
	Result 0.1004
	Accuracy 99.6%

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Quality control Report

Lab number: V-67091

Sample name: SLP RSF KIA DUP

Sampling date: August 22, 2017

Sampling location: SLP RSF KIA DUP

Sampling hour: 15:00

Parameter	
Cobalt (Co) mg/L	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0941
	Accuracy 94.1%
Dissolved Cobalt (Co) mg/L	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0987
	Accuracy 98.7%
Conductivity µmhos/cm	Limit 0.0800 - 0.1200
	Standard name STD cond maison
	Result 1406
	Accuracy 99.4%
Colour UCV	Limit 1203 - 1627
	Blank <1
	Standard name DMR-0417-2017-Coul
	Result 89
Copper (Cu) mg/L	Accuracy 97.7%
	Limit 67 - 107
	Blank <0.0005
	Standard name C00-046-705_X_1000
Dissolved Copper (Cu) mg/L	Result 0.1006
	Accuracy 99.4%
	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name C00-046-705_X_1000
Cyanide W.A.D. mg/L	Result 0.1056
	Accuracy 94.4%
	Limit 0.0800 - 0.1200
	Blank <0.001
	Standard name DMR-0343-CN
Total Cyanide (CNT) mg/L	Result 0.928
	Accuracy 94.9%
	Limit 0.751 - 1.015
	Blank <0.001
	Standard name DMR-0343-CN
Total Cyanide (CNT) mg/L	Result 1.26
	Accuracy 93.2%
	Limit 1.003 - 1.357
	Blank <0.001

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Quality control Report

Lab number: V-67091

Sample name: SLP RSF KIA DUP

Sampling date: August 22, 2017

Sampling location: SLP RSF KIA DUP

Sampling hour: 15:00

Parameter	
Tin (Sn) mg/L	Blank <0.001 Standard name C00-046-705_X_1000 Result 0.086 Accuracy 86% Limit 0.0800 - 0.1200
dissolved Tin (Sn) mg/L	Blank <0.001 Standard name DMR-0310-2016-Sn Result 6.81 Accuracy 75.1% Limit 6.35 - 11.79
Iron (Fe) mg/L	Blank <0.01 Standard name C00-046-705_X_1000 Result 0.92 Accuracy 92% Limit 0.800 - 1.200
Dissolved Iron (Fe) mg/L	Blank <0.01 Standard name C00-046-705_X_1000 Result 1.02 Accuracy 98% Limit 0.800 - 1.200
Fluoride (F) mg/L	Blank <0.02 Standard name DMR-0417-2017-F Result 2.29 Accuracy 99.6% Limit 2.13 - 2.47
Lithium (Li) mg/L	Blank <0.005
Dissolved Lithium (Li) mg/L	Blank <0.005
Total Suspended Solids mg/L	Blank <1 Standard name STD-MES 25mg/L Result 27 Accuracy 92% Limit 19 - 31
Magnesium (Mg) mg/L	Blank <0.02 Standard name C00-046-705_X_1000 Result 0.97 Accuracy 97% Limit 0.800 - 1.200
Dissolved Magnesium (Mg) mg/L	Blank <0.02 Standard name C00-046-705_X_1000 Result 0.94

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Quality control Report

Lab number: V-67091

Sample name: SLP RSF KIA DUP

Sampling date: August 22, 2017

Sampling location: SLP RSF KIA DUP

Sampling hour: 15:00

Parameter	
Manganese (Mn) mg/L	Accuracy 94%
	Limit 0.800 - 1.200
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0904
Dissolved Manganese (Mn) mg/L	Accuracy 90.4%
	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0943
Mercury (Hg) mg/L	Accuracy 94.3%
	Limit 0.0800 - 0.1200
	Blank <0.00001
	Standard name DMR-0343-2017-HgEu
	Result 0.00050
Dissolved Mercury (Hg) mg/L	Accuracy 71.4%
	Limit 0.00042 - 0.00098
	Blank <0.00001
	Standard name C00-046-705_X_1000
	Result 0.0829
Molybdenum (Mo) mg/L	Accuracy 82.9%
	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0864
Dissolved Molybdenum (Mo) mg/L	Accuracy 86.4%
	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0921
Nickel (Ni) mg/L	Accuracy 92.1%
	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0969
Dissolved Nickel (Ni) mg/L	Accuracy 96.9%
	Limit 0.0800 - 0.1200
	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 0.0969
Nitrate (NO3) mg N/L	Blank <0.01
	Nitrite (NO2) mg N/L

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Quality control Report

Lab number: V-67091

Sample name: SLP RSF KIA DUP

Sampling location: SLP RSF KIA DUP

Sampling date: August 22, 2017

Sampling hour: 15:00

Parameter	
	Standard name DMR-0417-2017-NO2
	Result 2.71
	Accuracy 100%
	Limit 2.30 - 3.12
Ortho-Phosphate (O-PO4) mg P/	Blank <0.01
	Standard name DMR-0417-2017-OPO4
	Result 2.82
	Accuracy 88.4%
	Limit 2.81 - 3.57
pH	Standard name STD pH 7.0
	Result 7.00
	Accuracy 100%
	Limit 6.96 - 7.04
Lead (Pb) mg/L	Blank <0.0003
	Standard name C00-046-705_X_1000
	Result 0.0872
	Accuracy 87.2%
	Limit 0.0800 - 0.1200
Dissolved Lead (Pb) mg/L	Blank <0.0003
	Standard name C00-046-705_X_1000
	Result 0.0909
	Accuracy 90.9%
	Limit 0.0800 - 0.1200
Potassium (K) mg/L	Blank <0.05
	Standard name C00-046-705_X_1000
	Result 1.02
	Accuracy 98%
	Limit 0.800 - 1.200
Selenium (Se) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.091
	Accuracy 91%
	Limit 0.0800 - 0.1200
Dissolved Selenium (Se) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.094
	Accuracy 94%
	Limit 0.0800 - 0.1200
Sodium (Na) mg/L	Blank <0.05
	Standard name C00-046-705_X_1000

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Quality control Report

Lab number: V-67091

Sample name: SLP RSF KIA DUP

Sampling date: August 22, 2017

Sampling location: SLP RSF KIA DUP

Sampling hour: 15:00

Parameter	
	Result 1.02
	Accuracy 98%
	Limit 0.800 - 1.200
Strontium (Sr) mg/L	Blank <0.005
dissolved Strontium (Sr) mg/L	Blank <0.005
Sulfate (SO4) mg SO4/L	Blank <0.6
	Standard name DMR-0417-2017-SO4
	Result 116
	Accuracy 94.3%
	Limit 114 - 132
Tellurium (Te) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0897
	Accuracy 89.7%
	Limit 0.0800 - 0.1200
Thallium (Tl) mg/L	Blank <0.0008
Dissolved thallium (Tl) mg/L	Blank <0.0008
Thiocyanate (SCN) mg SCN/L	Blank <0.05
	Standard name STD SCN 568ppm
	Result 593
	Accuracy 95.6%
	Limit 398 - 738
Thiosulfates (S2O3) mg S2O3/L	Blank <0.02
	Standard name S2O3-225ppm
	Result 212
	Accuracy 94.2%
	Limit 158 - 293
Titanium (Ti) mg/L	Blank <0.01
Dissolved titanium (Ti) mg/L	Blank <0.01
Turbidity UTN	Standard name DMR-0417-2017-Turb
	Result 4.60
	Accuracy 88.6%
	Limit 4.41 - 5.97
	Sample duplicate 0.81-0.91
Uranium (U) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.097
	Accuracy 97%
	Limit 0.0800 - 0.1200
Dissolved Uranium (U) mg/L	Blank <0.001

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Quality control Report

Lab number: V-67091

Sample name: SLP RSF KIA DUP

Sampling date: August 22, 2017

Sampling location: SLP RSF KIA DUP

Sampling hour: 15:00

Parameter

Standard name C00-046-705_X_1000

Result 0.099

Accuracy 99%

Limit 0.0800 - 0.1200

Vanadium (V) mg/L

Blank <0.0005

Standard name C00-046-705_X_1000

Result 0.0887

Accuracy 88.7%

Limit 0.0800 - 0.1200

Dissolved Vanadium mg/L

Blank <0.0005

Standard name C00-046-705_X_1000

Result 0.0930

Accuracy 93%

Limit 0.0800 - 0.1200

Zinc (Zn) mg/L

Blank <0.001

Standard name C00-046-705_X_1000

Result 0.093

Accuracy 93%

Limit 0.0800 - 0.1200

Dissolved Zinc mg/L

Blank <0.001

Standard name C00-046-705_X_1000

Result 0.091

Accuracy 91%

Limit 0.0800 - 0.1200

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Additional information

Lab number: V-67091

Sample name: SLP RSF KIA DUP

Sampling location: SLP RSF KIA DUP

Sampling date: August 22, 2017

Sampling hour: 15:00

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-CL-2.0	MA.300-Ions 1.3
M-COUL-1.0	MA.103-Col. 2.0
M-CN-1.0	MA.300-CN 1.2
M-CI-1.0	MA.300-Anions 1.0
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-P-2.0	MA.303-P 1.1
M-SULF-2.0	MA.300-Ions 1.3
M-TURB-1.0	MA.103-Tur. 1.0

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-67090

Sampling location: SLP RSF KIA

Sampling date: August 22, 2017

Sample name: SLP RSF KIA

Sampling hour: 15:00

Sampled by: Fanny L. Isabelle C.

Date received: August 24, 2017

Matrix: Water

Drinking water distribution:

Reported on: September 13, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

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Analytical Report

Lab number: V-67090

Sample name: SLP RSF KIA

Sampling location: SLP RSF KIA

Sampling date: August 22, 2017

Sampling hour: 15:00

Parameter	Result	Method name	Analysis date
Alkalinity	49 mg CaCO ₃ /L	M-TIT-1.0	August 24, 2017
Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Antimony (Sb)	<0.0001 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Antimony (Sb)	<0.0001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	<0.05 mg N/L	Sous-traitance\H2Lab inc. (SAM)	August 25, 2017
Kjeldahl nitrogen	0.46 mg N/L	Sous-traitance\H2Lab inc. (SAM)	August 25, 2017
Barium (Ba)	0.0031 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Barium (Ba)	0.0019 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
bicarbonate (HCO ₃)	49 mg CaCO ₃ /L	M-TIT-1.0	August 24, 2017
Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Bromides	<0.01 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Calcium (Ca)	3.24 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Carbonate (CO ₃)	<2 mg CaCO ₃ /L	M-TIT-1.0	August 24, 2017
Dissolved Organic Carbon (D.O.C.)	2.4 mg/L	M-COT-1.0	August 24, 2017
Total Organic Carbon (T.O.C.)	2.7 mg/L	M-COT-1.0	August 24, 2017
Chlorophyll A	0.61 µg/L	Sous-traitance\H2Lab inc. (SAM)	September 05, 2017
Chloride	0.7 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Chrome (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Chromium (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Cobalt (Co)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Cobalt (Co)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Conductivity	38 µmhos/cm	M-TIT-1.0	August 24, 2017
Colour	<1 Colour units	Sous-traitance\Multilab Direct	August 25, 2017
Copper (Cu)	0.0006 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Copper (Cu)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Cyanide W.A.D.	0.009 mg/L	Sous-traitance\Multilab Direct	September 01, 2017
Total Cyanide (CNT)	0.011 mg/L	Sous-traitance\Multilab Direct	September 01, 2017
Hardness	12 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	September 08, 2017
Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
dissolved Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017

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Analytical Report

Lab number: V-67090

Sample name: SLP RSF KIA

Sampling location: SLP RSF KIA

Sampling date: August 22, 2017

Sampling hour: 15:00

Parameter	Result	Method name	Analysis date
Iron (Fe)	0.02 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Iron (Fe)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Fluoride (F)	0.07 mg/L	Sous-traitance\Multilab Direct	September 01, 2017
Lithium (Li)	0.111 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Dissolved Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Total Suspended Solids	1 mg/L	M-SOLI-1.0	August 25, 2017
Magnesium (Mg)	1.11 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Magnesium (Mg)	1.59 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Manganese (Mn)	0.0018 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Manganese (Mn)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Dissolved Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Molybdenum (Mo)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Molybdenum (Mo)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Ammonia NH3 (non-ionized)	<0.05 mg N/L	Sous-traitance\H2Lab inc. (SAM)	September 12, 2017
Nickel (Ni)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Nickel (Ni)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Nitrate (NO3)	<0.01 mg N/L	Sous-traitance\Multilab Direct	August 30, 2017
Nitrite (NO2)	<0.01 mg N/L	Sous-traitance\Multilab Direct	August 30, 2017
Ortho-Phosphate (O-PO4)	<0.01 mg P/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved oxygen	10.3 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
pH	7.42	M-TIT-1.0	August 24, 2017
Total Phosphorus (P) (Trace)	4.0 µg P/L	Sous-traitance\H2Lab inc. (SAM)	August 25, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Potassium (K)	0.37 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Reactive silica (SiO2)	0.28 mg/L	Sous-traitance\Maxxam	August 29, 2017
Sodium (Na)	0.73 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Solids	25 mg/L	M-TIT-1.0	August 24, 2017
Strontium (Sr)	0.017 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
dissolved Strontium (Sr)	0.017 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Sulfate (SO4)	5.7 mg SO4/L	Sous-traitance\Multilab Direct	August 31, 2017
Tellurium (Te)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Dissolved thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Thiocyanate (SCN)	<0.05 mg SCN/L	Sous-traitance\Multilab Direct	August 30, 2017
Thiosulfates (S2O3)	<0.02 mg S2O3/L	Sous-traitance\Multilab Direct	September 05, 2017
Titanium (Ti)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 08, 2017

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Analytical Report

Lab number: V-67090

Sample name: SLP RSF KIA

Sampling location: SLP RSF KIA

Sampling date: August 22, 2017

Sampling hour: 15:00

Parameter	Result	Method name	Analysis date
Dissolved titanium (Ti)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Turbidity	0.71 NTU	Sous-traitance\Multilab Direct	August 25, 2017
Uranium (U)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Uranium (U)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Vanadium (V)	0.0011 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Vanadium	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Zinc (Zn)	0.001 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Zinc	<0.001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017

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Detection limit

Lab number: V-67090

Sample name: SLP RSF KIA

Sampling date: August 22, 2017

Sampling location: SLP RSF KIA

Sampling hour: 15:00

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO ₃ /L	M-TIT-1.0	
Aluminium (Al)	0.003	mg/L	Sous-traitance	
Dissolved Aluminium (Al)	0.006	mg/L	Sous-traitance	
Antimony (Sb)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Antimony (Sb)	0.0001	mg/L	Sous-traitance	
Silver (Ag)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Silver (Ag)	0.0001	mg/L	Sous-traitance	
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Arsenic (As)	0.0005	mg/L	Sous-traitance	
Kjeldahl nitrogen	0.05	mg N/L	Sous-traitance	
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Barium (Ba)	0.0005	mg/L	Sous-traitance	
Beryllium (Be)	0.0005	mg/L	Sous-traitance	
Dissolved Beryllium (Be)	0.0005	mg/L	Sous-traitance	
bicarbonate (HCO ₃)	2	mg CaCO ₃ /L	M-TIT-1.0	
Boron (B)	0.01	mg/L	Sous-traitance	Yes
Dissolved Boron (B)	0.006	mg/L	Sous-traitance	
Bromides	0.01	mg/L	Sous-traitance	
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Dissolved Cadmium (Cd)	0.00002	mg/L	Sous-traitance	
Calcium (Ca)	0.03	mg/L	Sous-traitance	Yes
Carbonate (CO ₃)	2	mg CaCO ₃ /L	M-TIT-1.0	
Dissolved Organic Carbon (D.O.C.)	0.2	mg/L	M-COT-1.0	--
Total Organic Carbon (T.O.C.)	0.2	mg/L	M-COT-1.0	Yes
Chlorophyll A	0.13	µg/L	Sous-traitance	
Chloride	0.5	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Dissolved Chromium (Cr)	0.0006	mg/L	Sous-traitance	
Cobalt (Co)	0.0005	mg/L	Sous-traitance	
Dissolved Cobalt (Co)	0.0005	mg/L	Sous-traitance	
Conductivity	1	µmhos/cm	M-TIT-1.0	Yes
Colour	1	UCV	Sous-traitance	Yes
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Copper (Cu)	0.0005	mg/L	Sous-traitance	
Cyanide W.A.D.	0.001	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO ₃ /L	Sous-traitance	
Tin (Sn)	0.001	mg/L	Sous-traitance	Yes
dissolved Tin (Sn)	0.001	mg/L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes

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Detection limit

Lab number: V-67090

Sample name: SLP RSF KIA

Sampling date: August 22, 2017

Sampling location: SLP RSF KIA

Sampling hour: 15:00

Parameter	Value	Unit	Method	Accreditation
Dissolved Iron (Fe)	0.01	mg/L	Sous-traitance	
Fluoride (F)	0.02	mg/L	Sous-traitance	Yes
Lithium (Li)	0.005	mg/L	Sous-traitance	
Dissolved Lithium (Li)	0.005	mg/L	Sous-traitance	
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Magnesium (Mg)	0.02	mg/L	Sous-traitance	Yes
Dissolved Magnesium (Mg)	0.02	mg/L	Sous-traitance	
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Manganese (Mn)	0.0005	mg/L	Sous-traitance	
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Dissolved Mercury (Hg)	0.00001	mg/L	Sous-traitance	
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Nickel (Ni)	0.0005	mg/L	Sous-traitance	
Nitrate (NO3)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO2)	0.01	mg N/L	Sous-traitance	Yes
Ortho-Phosphate (O-PO4)	0.01	mg P/L	Sous-traitance	Yes
Dissolved oxygen	0.1	mg/L	Sous-traitance	
pH			M-TIT-1.0	Yes
Total Phosphorus (P) (Trace)	1.9	µg P/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Dissolved Lead (Pb)	0.0003	mg/L	Sous-traitance	
Potassium (K)	0.05	mg/L	Sous-traitance	
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Dissolved Selenium (Se)	0.001	mg/L	Sous-traitance	
Reactive silica (SiO2)		mg/L	Sous-traitance	
Sodium (Na)	0.05	mg/L	Sous-traitance	Yes
Dissolved Solids	1	mg/L	M-TIT-1.0	
Strontium (Sr)	0.005	mg/L	Sous-traitance	
dissolved Strontium (Sr)	0.005	mg/L	Sous-traitance	
Sulfate (SO4)	0.6	mg SO4/L	Sous-traitance	Yes
Tellurium (Te)	0.0005	mg/L	Sous-traitance	
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Dissolved thallium (Tl)	0.0008	mg/L	Sous-traitance	
Thiocyanate (SCN)	0.05	mg SCN/L	Sous-traitance	Yes
Thiosulfates (S2O3)	0.02	mg S2O3/L	Sous-traitance	Yes
Titanium (Ti)	0.01	mg/L	Sous-traitance	
Dissolved titanium (Ti)	0.01	mg/L	Sous-traitance	
Turbidity	0.02	UTN	Sous-traitance	Yes

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Detection limit

Lab number: V-67090

Sample name: SLP RSF KIA

Sampling date: August 22, 2017

Sampling location: SLP RSF KIA

Sampling hour: 15:00

Parameter	Value	Unit	Method	Accreditation
Uranium (U)	0.001	mg/L	Sous-traitance	
Dissolved Uranium (U)	0.001	mg/L	Sous-traitance	
Vanadium (V)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Vanadium	0.0005	mg/L	Sous-traitance	
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes
Dissolved Zinc	0.001	mg/L	Sous-traitance	

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Quality control Report

Lab number: V-67090

Sample name: SLP RSF KIA

Sampling location: SLP RSF KIA

Sampling date: August 22, 2017

Sampling hour: 15:00

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 155 Accuracy 93.1% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006
	Standard name C00-046-705_X_1000 Result 0.933 Accuracy 93.3% Limit 0.800 - 1.200
Dissolved Aluminium (Al) mg/L	Blank <0.006
	Standard name C00-046-705_X_1000 Result 1.19 Accuracy 81% Limit 0.800 - 1.200
Antimony (Sb) mg/L	Blank <0.0001
	Standard name C00-046-705_X_1000 Result 0.0103 Accuracy 97% Limit 0.0080 - 0.0120
Dissolved Antimony (Sb) mg/L	Blank <0.0001
	Standard name C00-046-705_X_1000 Result 0.0112 Accuracy 88% Limit 0.0080 - 0.0120
Silver (Ag) mg/L	Blank <0.0001
Dissolved Silver (Ag) mg/L	Blank <0.0001
	Standard name DMR-0343-2017-Ag Result 0.6549 Accuracy 81.7% Limit 0.642 - 0.962
Arsenic (As) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000 Result 0.0904 Accuracy 90.4% Limit 0.0700 - 0.1300
Dissolved Arsenic (As) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000 Result 0.1019 Accuracy 98.1% Limit 0.0800 - 0.1200

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Quality control Report

Lab number: V-67090

Sample name: SLP RSF KIA

Sampling location: SLP RSF KIA

Sampling date: August 22, 2017

Sampling hour: 15:00

Parameter	
Barium (Ba) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0935 Accuracy 93.5% Limit 0.0800 - 0.1200
Dissolved Barium (Ba) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1021 Accuracy 97.9% Limit 0.0800 - 0.1200
Beryllium (Be) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0956 Accuracy 95.6% Limit 0.0800 - 0.1200
Dissolved Beryllium (Be) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1165 Accuracy 83.5% Limit 0.0800 - 0.1200
Boron (B) mg/L	Blank <0.01 Standard name C00-046-705_X_1000 Result 0.99 Accuracy 99% Limit 0.800 - 1.200
Dissolved Boron (B) mg/L	Blank <0.01 Standard name C00-046-705_X_1000 Result 1.15 Accuracy 85% Limit 0.800 - 1.200
Bromides mg/L	Blank <0.01 Standard name DMR-0119-2017-Br Result 5.20 Accuracy 92.4% Limit 4.50 - 6.76
Cadmium (Cd) mg/L	Blank <0.00002 Standard name C00-046-705_X_1000 Result 0.09157 Accuracy 91.6% Limit 0.0800 - 0.1200

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Quality control Report

Lab number: V-67090

Sample name: SLP RSF KIA

Sampling location: SLP RSF KIA

Sampling date: August 22, 2017

Sampling hour: 15:00

Parameter	
Dissolved Cadmium (Cd) mg/L	Blank <0.00002 Standard name C00-046-705_X_1000 Result 0.11683 Accuracy 83.2% Limit 0.0800 - 0.1200
Calcium (Ca) mg/L	Blank <0.03 Standard name C00-046-705_X_1000 Result 0.89 Accuracy 89% Limit 0.800 - 1.200
Dissolved Organic Carbon (D.O.C.) mg/L	Blank <0.2 Standard name COD 10mg/L Result 11 Accuracy 90% Limit 8 - 12
Total Organic Carbon (T.O.C.) mg/L	Blank <0.2 Standard name COT 10mg/L Result 11 Accuracy 90% Limit 8 - 12
Chloride mg/L	Blank <0.5 Standard name DMR-0417-2017-Cl Result 112 Accuracy 96.3% Limit 95 - 121
Chrome (Cr) mg/L	Blank <0.0006 Standard name C00-046-705_X_1000 Result 0.0963 Accuracy 96.3% Limit 0.0800 - 0.1200
Dissolved Chromium (Cr) mg/L	Blank <0.0006 Standard name C00-046-705_X_1000 Result 0.1160 Accuracy 84% Limit 0.0800 - 0.1200
Cobalt (Co) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0927 Accuracy 92.7% Limit 0.0800 - 0.1200

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Quality control Report

Lab number: V-67090

Sample name: SLP RSF KIA

Sampling location: SLP RSF KIA

Sampling date: August 22, 2017

Sampling hour: 15:00

Parameter	
Dissolved Cobalt (Co) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1127 Accuracy 87.3% Limit 0.0800 - 0.1200
Conductivity µmhos/cm	Standard name STD cond maison Result 1406 Accuracy 99.4% Limit 1203 - 1627
Colour UCV	Blank <1 Standard name DMR-0417-2017-Coul Result 89 Accuracy 97.7% Limit 67 - 107
Copper (Cu) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0982 Accuracy 98.2% Limit 0.0800 - 0.1200
Dissolved Copper (Cu) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1142 Accuracy 85.8% Limit 0.0800 - 0.1200
Cyanide W.A.D. mg/L	Blank <0.001 Standard name DMR-0343-CN Result 0.928 Accuracy 94.9% Limit 0.751 - 1.015
Total Cyanide (CNt) mg/L	Blank <0.001 Standard name DMR-0343-CN Result 1.26 Accuracy 93.2% Limit 1.003 - 1.357
Tin (Sn) mg/L	Blank <0.001 Standard name DMR-0310-2016-Sn Result 8.03 Accuracy 88.5% Limit 7.26 - 10.88
dissolved Tin (Sn) mg/L	Blank <0.001

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Quality control Report

Lab number: V-67090

Sample name: SLP RSF KIA

Sampling location: SLP RSF KIA

Sampling date: August 22, 2017

Sampling hour: 15:00

Parameter	
	Standard name DMR-0310-2016-Sn
	Result 6.45
	Accuracy 71.1%
	Limit 6.35 - 11.79
Iron (Fe) mg/L	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.08
	Accuracy 92%
	Limit 0.800 - 1.200
Dissolved Iron (Fe) mg/L	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.20
	Accuracy 80%
	Limit 0.800 - 1.200
Fluoride (F) mg/L	Blank <0.02
	Standard name DMR-0417-2017-F
	Result 2.29
	Accuracy 99.6%
	Limit 2.13 - 2.47
Lithium (Li) mg/L	Blank <0.005
Dissolved Lithium (Li) mg/L	Blank <0.005
Total Suspended Solids mg/L	Blank <1
	Standard name STD-MES 25mg/L
	Result 27
	Accuracy 92%
	Limit 19 - 31
Magnesium (Mg) mg/L	Blank <0.02
	Standard name C00-046-705_X_1000
	Result 0.98
	Accuracy 98%
	Limit 0.800 - 1.200
Dissolved Magnesium (Mg) mg/L	Blank <0.02
	Standard name C00-046-705_X_1000
	Result 1.18
	Accuracy 82%
	Limit 0.800 - 1.200
Manganese (Mn) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0918
	Accuracy 91.8%

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Quality control Report

Lab number: V-67090

Sample name: SLP RSF KIA

Sampling location: SLP RSF KIA

Sampling date: August 22, 2017

Sampling hour: 15:00

Parameter		
Dissolved Manganese (Mn) mg/L	Limit 0.0800 - 0.1200	
	Blank <0.0005	
	Standard name C00-046-705_X_1000	
	Result 0.1156	
	Accuracy 84.4%	
Mercury (Hg) mg/L	Limit 0.0800 - 0.1200	
	Blank <0.00001	
	Standard name DMR-0343-2017-HgEu	
	Result 0.00050	
	Accuracy 71.4%	
Dissolved Mercury (Hg) mg/L	Limit 0.00042 - 0.00098	
	Blank <0.00001	
	Molybdenum (Mo) mg/L	Blank <0.0005
		Standard name C00-046-705_X_1000
	Result 0.0861	
Accuracy 86.1%		
Dissolved Molybdenum (Mo) mg/L	Limit 0.0800 - 0.1200	
	Blank <0.0005	
	Standard name C00-046-705_X_1000	
	Result 0.1103	
	Accuracy 89.7%	
Nickel (Ni) mg/L	Limit 0.0800 - 0.1200	
	Blank <0.0005	
	Standard name C00-046-705_X_1000	
	Result 0.0963	
	Accuracy 96.3%	
Dissolved Nickel (Ni) mg/L	Limit 0.0800 - 0.1200	
	Blank <0.0005	
	Standard name C00-046-705_X_1000	
	Result 0.1156	
	Accuracy 84.4%	
Nitrate (NO3) mg N/L	Limit 0.0800 - 0.1200	
	Blank <0.01	
	Nitrite (NO2) mg N/L	Blank <0.01
		Standard name DMR-0417-2017-NO2
	Result 2.71	
Accuracy 100%		
Ortho-Phosphate (O-PO4) mg P/	Limit 2.30 - 3.12	
	Blank <0.01	
	Standard name DMR-0417-2017-OPO4	

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Quality control Report

Lab number: V-67090

Sample name: SLP RSF KIA

Sampling location: SLP RSF KIA

Sampling date: August 22, 2017

Sampling hour: 15:00

Parameter	
pH	Result 2.82
	Accuracy 88.4%
	Limit 2.81 - 3.57
	Standard name STD pH 7.0
	Result 7.00
Lead (Pb) mg/L	Accuracy 100%
	Limit 6.96 - 7.04
	Blank <0.0003
	Standard name C00-046-705_X_1000
	Result 0.0848
Dissolved Lead (Pb) mg/L	Accuracy 84.8%
	Limit 0.0800 - 0.1200
	Blank <0.0003
	Standard name C00-046-705_X_1000
	Result 0.0919
Potassium (K) mg/L	Accuracy 91.9%
	Limit 0.0800 - 0.1200
	Blank <0.05
	Standard name C00-046-705_X_1000
	Result 0.89
Selenium (Se) mg/L	Accuracy 89%
	Limit 0.800 - 1.200
	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.091
Dissolved Selenium (Se) mg/L	Accuracy 91%
	Limit 0.0800 - 0.1200
	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.113
Sodium (Na) mg/L	Accuracy 87%
	Limit 0.0800 - 0.1200
	Blank <0.05
	Standard name C00-046-705_X_1000
	Result 0.89
Strontium (Sr) mg/L	Accuracy 89%
	Limit 0.800 - 1.200
dissolved Strontium (Sr) mg/L	Blank <0.005
Sulfate (SO4) mg SO4/L	Blank <0.6

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Quality control Report

Lab number: V-67090

Sample name: SLP RSF KIA

Sampling location: SLP RSF KIA

Sampling date: August 22, 2017

Sampling hour: 15:00

Parameter	
	Standard name DMR-0417-2017-SO4
	Result 116
	Accuracy 94.3%
	Limit 114 - 132
Tellurium (Te) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0967
	Accuracy 96.7%
	Limit 0.0800 - 0.1200
Thallium (Tl) mg/L	Blank <0.0008
Dissolved thallium (Tl) mg/L	Blank <0.0008
Thiocyanate (SCN) mg SCN/L	Blank <0.05
	Standard name STD SCN 568ppm
	Result 593
	Accuracy 95.6%
	Limit 398 - 738
	Sample duplicate <0.05-<0.05
Thiosulfates (S2O3) mg S2O3/L	Blank <0.02
	Standard name S2O3-225ppm
	Result 212
	Accuracy 94.2%
	Limit 158 - 293
Titanium (Ti) mg/L	Blank <0.01
Dissolved titanium (Ti) mg/L	Blank <0.01
Turbidity UTN	Standard name DMR-0417-2017-Turb
	Result 4.60
	Accuracy 88.6%
	Limit 4.41 - 5.97
Uranium (U) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.093
	Accuracy 93%
	Limit 0.0800 - 0.1200
Dissolved Uranium (U) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.113
	Accuracy 87%
	Limit 0.0800 - 0.1200
Vanadium (V) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000

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Quality control Report

Lab number: V-67090

Sample name: SLP RSF KIA

Sampling location: SLP RSF KIA

Sampling date: August 22, 2017

Sampling hour: 15:00

Parameter

Dissolved Vanadium mg/L
Result 0.0935
Accuracy 93.5%
Limit 0.0800 - 0.1200
Blank <0.0005
Standard name C00-046-705_X_1000

Zinc (Zn) mg/L
Result 0.1170
Accuracy 83%
Limit 0.0800 - 0.1200
Blank <0.001
Standard name C00-046-705_X_1000

Dissolved Zinc mg/L
Result 0.094
Accuracy 94%
Limit 0.0800 - 0.1200
Blank <0.001
Standard name C00-046-705_X_1000

Result 0.107
Accuracy 93%
Limit 0.0800 - 0.1200

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Additional information

Lab number: V-67090

Sample name: SLP RSF KIA

Sampling location: SLP RSF KIA

Sampling date: August 22, 2017

Sampling hour: 15:00

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-CL-2.0	MA.300-Ions 1.3
M-COUL-1.0	MA.103-Col. 2.0
M-CN-1.0	MA.300-CN 1.2
M-CI-1.0	MA.300-Anions 1.0
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-P-2.0	MA.303-P 1.1
M-SULF-2.0	MA.300-Ions 1.3
M-TURB-1.0	MA.103-Tur. 1.0

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-67093

Sampling location: ST-16 KIA DUP

Sampling date: August 22, 2017

Sample name: ST-16 KIA DUP

Sampling hour: 13:00

Sampled by: Fanny L. Isabelle C.

Date received: August 24, 2017

Matrix: Water

Drinking water distribution:

Reported on: September 13, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

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Analytical Report

Lab number: V-67093

Sample name: ST-16 KIA DUP

Sampling location: ST-16 KIA DUP

Sampling date: August 22, 2017

Sampling hour: 13:00

Parameter	Result	Method name	Analysis date
Alkalinity	97 mg CaCO ₃ /L	M-TIT-1.0	August 24, 2017
Aluminium (Al)	0.025 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Antimony (Sb)	<0.0001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Antimony (Sb)	<0.0001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	<0.05 mg N/L	Sous-traitance\H2Lab inc. (SAM)	August 25, 2017
Kjeldahl nitrogen	1.3 mg N/L	Sous-traitance\H2Lab inc. (SAM)	August 25, 2017
Barium (Ba)	0.0152 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Barium (Ba)	0.0153 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
bicarbonate (HCO ₃)	97 mg CaCO ₃ /L	M-TIT-1.0	August 24, 2017
Boron (B)	0.02 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Bromides	0.08 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Calcium (Ca)	40.0 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Carbonate (CO ₃)	<2 mg CaCO ₃ /L	M-TIT-1.0	August 24, 2017
Dissolved Organic Carbon (D.O.C.)	9.4 mg/L	M-COT-1.0	August 24, 2017
Total Organic Carbon (T.O.C.)	9.4 mg/L	M-COT-1.0	August 24, 2017
Chlorophyll A	0.28 µg/L	Sous-traitance\H2Lab inc. (SAM)	September 05, 2017
Chloride	7.9 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Chrome (Cr)	0.0009 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Chromium (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Cobalt (Co)	0.0014 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Cobalt (Co)	0.0011 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Conductivity	461 µmhos/cm	M-TIT-1.0	August 24, 2017
Colour	16 Colour units	Sous-traitance\Multilab Direct	August 25, 2017
Copper (Cu)	0.0196 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Copper (Cu)	0.0140 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Cyanide W.A.D.	0.009 mg/L	Sous-traitance\Multilab Direct	September 05, 2017
Total Cyanide (CNT)	0.015 mg/L	Sous-traitance\Multilab Direct	September 05, 2017
Hardness	184 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	September 06, 2017
Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
dissolved Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017

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Analytical Report

Lab number: V-67093

Sample name: ST-16 KIA DUP

Sampling location: ST-16 KIA DUP

Sampling date: August 22, 2017

Sampling hour: 13:00

Parameter	Result	Method name	Analysis date
Iron (Fe)	0.30 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Iron (Fe)	0.15 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Fluoride (F)	0.23 mg/L	Sous-traitance\Multilab Direct	September 01, 2017
Lithium (Li)	0.051 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Dissolved Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Total Suspended Solids	4 mg/L	M-SOLI-1.0	August 25, 2017
Magnesium (Mg)	20.5 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Magnesium (Mg)	14.3 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Manganese (Mn)	0.1284 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Manganese (Mn)	0.1099 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Dissolved Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Molybdenum (Mo)	0.0078 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Molybdenum (Mo)	0.0077 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Ammonia NH3 (non-ionized)	<0.05 mg N/L	Sous-traitance\H2Lab inc. (SAM)	September 12, 2017
Nickel (Ni)	0.0193 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Nickel (Ni)	0.0154 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Nitrate (NO3)	6.05 mg N/L	Sous-traitance\Multilab Direct	August 30, 2017
Nitrite (NO2)	0.01 mg N/L	Sous-traitance\Multilab Direct	August 30, 2017
Ortho-Phosphate (O-PO4)	<0.01 mg P/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved oxygen	8.6 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
pH	7.54	M-TIT-1.0	August 24, 2017
Total Phosphorus (P) (Trace)	14 µg P/L	Sous-traitance\H2Lab inc. (SAM)	August 25, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Potassium (K)	8.35 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Selenium (Se)	0.001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Reactive silica (SiO2)	3.9 mg/L	Sous-traitance\Maxxam	August 29, 2017
Sodium (Na)	18.0 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Solids	307 mg/L	M-TIT-1.0	August 24, 2017
Strontium (Sr)	0.214 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
dissolved Strontium (Sr)	0.189 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Sulfate (SO4)	99.2 mg SO4/L	Sous-traitance\Multilab Direct	August 31, 2017
Tellurium (Te)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Dissolved thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Thiocyanate (SCN)	<0.05 mg SCN/L	Sous-traitance\Multilab Direct	August 30, 2017
Thiosulfates (S2O3)	<0.02 mg S2O3/L	Sous-traitance\Multilab Direct	September 05, 2017
Titanium (Ti)	0.04 mg/L	Sous-traitance\Multilab Direct	September 06, 2017

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Analytical Report

Lab number: V-67093

Sample name: ST-16 KIA DUP

Sampling location: ST-16 KIA DUP

Sampling date: August 22, 2017

Sampling hour: 13:00

Parameter	Result	Method name	Analysis date
Dissolved titanium (Ti)	0.03 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Turbidity	2.57 NTU	Sous-traitance\Multilab Direct	August 25, 2017
Uranium (U)	0.004 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Uranium (U)	0.004 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Vanadium (V)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Vanadium	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Zinc (Zn)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Zinc	<0.001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017

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Detection limit

Lab number: V-67093

Sample name: ST-16 KIA DUP

Sampling date: August 22, 2017

Sampling location: ST-16 KIA DUP

Sampling hour: 13:00

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO ₃ /L	M-TIT-1.0	
Aluminium (Al)	0.003	mg/L	Sous-traitance	
Dissolved Aluminium (Al)	0.006	mg/L	Sous-traitance	
Antimony (Sb)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Antimony (Sb)	0.0001	mg/L	Sous-traitance	
Silver (Ag)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Silver (Ag)	0.0001	mg/L	Sous-traitance	
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Arsenic (As)	0.0005	mg/L	Sous-traitance	
Kjeldahl nitrogen	0.05	mg N/L	Sous-traitance	
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Barium (Ba)	0.0005	mg/L	Sous-traitance	
Beryllium (Be)	0.0005	mg/L	Sous-traitance	
Dissolved Beryllium (Be)	0.0005	mg/L	Sous-traitance	
bicarbonate (HCO ₃)	2	mg CaCO ₃ /L	M-TIT-1.0	
Boron (B)	0.01	mg/L	Sous-traitance	Yes
Dissolved Boron (B)	0.006	mg/L	Sous-traitance	
Bromides	0.01	mg/L	Sous-traitance	
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Dissolved Cadmium (Cd)	0.00002	mg/L	Sous-traitance	
Calcium (Ca)	0.03	mg/L	Sous-traitance	Yes
Carbonate (CO ₃)	2	mg CaCO ₃ /L	M-TIT-1.0	
Dissolved Organic Carbon (D.O.C.)	0.2	mg/L	M-COT-1.0	--
Total Organic Carbon (T.O.C.)	0.2	mg/L	M-COT-1.0	Yes
Chlorophyll A	0.13	µg/L	Sous-traitance	
Chloride	0.5	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Dissolved Chromium (Cr)	0.0006	mg/L	Sous-traitance	
Cobalt (Co)	0.0005	mg/L	Sous-traitance	
Dissolved Cobalt (Co)	0.0005	mg/L	Sous-traitance	
Conductivity	1	µmhos/cm	M-TIT-1.0	Yes
Colour	1	UCV	Sous-traitance	Yes
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Copper (Cu)	0.0005	mg/L	Sous-traitance	
Cyanide W.A.D.	0.001	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO ₃ /L	Sous-traitance	
Tin (Sn)	0.001	mg/L	Sous-traitance	Yes
dissolved Tin (Sn)	0.001	mg/L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes

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Detection limit

Lab number: V-67093

Sample name: ST-16 KIA DUP

Sampling date: August 22, 2017

Sampling location: ST-16 KIA DUP

Sampling hour: 13:00

Parameter	Value	Unit	Method	Accreditation
Dissolved Iron (Fe)	0.01	mg/L	Sous-traitance	
Fluoride (F)	0.02	mg/L	Sous-traitance	Yes
Lithium (Li)	0.005	mg/L	Sous-traitance	
Dissolved Lithium (Li)	0.005	mg/L	Sous-traitance	
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Magnesium (Mg)	0.02	mg/L	Sous-traitance	Yes
Dissolved Magnesium (Mg)	0.02	mg/L	Sous-traitance	
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Manganese (Mn)	0.0005	mg/L	Sous-traitance	
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Dissolved Mercury (Hg)	0.00001	mg/L	Sous-traitance	
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Nickel (Ni)	0.0005	mg/L	Sous-traitance	
Nitrate (NO3)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO2)	0.01	mg N/L	Sous-traitance	Yes
Ortho-Phosphate (O-PO4)	0.01	mg P/L	Sous-traitance	Yes
Dissolved oxygen	0.1	mg/L	Sous-traitance	
pH			M-TIT-1.0	Yes
Total Phosphorus (P) (Trace)	1.9	µg P/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Dissolved Lead (Pb)	0.0003	mg/L	Sous-traitance	
Potassium (K)	0.05	mg/L	Sous-traitance	
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Dissolved Selenium (Se)	0.001	mg/L	Sous-traitance	
Reactive silica (SiO2)		mg/L	Sous-traitance	
Sodium (Na)	0.05	mg/L	Sous-traitance	Yes
Dissolved Solids	1	mg/L	M-TIT-1.0	
Strontium (Sr)	0.005	mg/L	Sous-traitance	
dissolved Strontium (Sr)	0.005	mg/L	Sous-traitance	
Sulfate (SO4)	0.6	mg SO4/L	Sous-traitance	Yes
Tellurium (Te)	0.0005	mg/L	Sous-traitance	
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Dissolved thallium (Tl)	0.0008	mg/L	Sous-traitance	
Thiocyanate (SCN)	0.05	mg SCN/L	Sous-traitance	Yes
Thiosulfates (S2O3)	0.02	mg S2O3/L	Sous-traitance	Yes
Titanium (Ti)	0.01	mg/L	Sous-traitance	
Dissolved titanium (Ti)	0.01	mg/L	Sous-traitance	
Turbidity	0.02	UTN	Sous-traitance	Yes

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Detection limit

Lab number: V-67093

Sample name: ST-16 KIA DUP

Sampling date: August 22, 2017

Sampling location: ST-16 KIA DUP

Sampling hour: 13:00

Parameter	Value	Unit	Method	Accreditation
Uranium (U)	0.001	mg/L	Sous-traitance	
Dissolved Uranium (U)	0.001	mg/L	Sous-traitance	
Vanadium (V)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Vanadium	0.0005	mg/L	Sous-traitance	
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes
Dissolved Zinc	0.001	mg/L	Sous-traitance	

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Quality control Report

Lab number: V-67093

Sample name: ST-16 KIA DUP

Sampling location: ST-16 KIA DUP

Sampling date: August 22, 2017

Sampling hour: 13:00

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 155 Accuracy 93.1% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006
	Standard name C00-046-705_X_1000 Result 0.882 Accuracy 88.2% Limit 0.800 - 1.200
Dissolved Aluminium (Al) mg/L	Blank <0.006
	Standard name C00-046-705_X_1000 Result 0.835 Accuracy 83.5% Limit 0.800 - 1.200
Antimony (Sb) mg/L	Blank <0.0001
	Standard name C00-046-705_X_1000 Result 0.0112 Accuracy 88% Limit 0.0080 - 0.0120
Dissolved Antimony (Sb) mg/L	Blank <0.0001
	Standard name C00-046-705_X_1000 Result 0.0085 Accuracy 85% Limit 0.0080 - 0.0120
Silver (Ag) mg/L	Blank <0.0001
	Standard name DMR-0343-2017-Ag Result 0.6647 Accuracy 82.9% Limit 0.642 - 0.962
Dissolved Silver (Ag) mg/L	Blank <0.0001
	Standard name DMR-0343-2017-Ag Result 0.7084 Accuracy 88.3% Limit 0.642 - 0.962
Arsenic (As) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000 Result 0.0922 Accuracy 92.2% Limit 0.0700 - 0.1300
Dissolved Arsenic (As) mg/L	Blank <0.0005

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Quality control Report

Lab number: V-67093

Sample name: ST-16 KIA DUP

Sampling location: ST-16 KIA DUP

Sampling date: August 22, 2017

Sampling hour: 13:00

Parameter	
Barium (Ba) mg/L	Standard name C00-046-705_X_1000
	Result 0.0957
	Accuracy 95.7%
	Limit 0.0800 - 0.1200
	Blank <0.0005
Dissolved Barium (Ba) mg/L	Standard name C00-046-705_X_1000
	Result 0.0872
	Accuracy 87.2%
	Limit 0.0800 - 0.1200
	Blank <0.0005
Beryllium (Be) mg/L	Standard name C00-046-705_X_1000
	Result 0.0971
	Accuracy 97.1%
	Limit 0.0800 - 0.1200
	Blank <0.0005
Dissolved Beryllium (Be) mg/L	Standard name C00-046-705_X_1000
	Result 0.0926
	Accuracy 92.6%
	Limit 0.0800 - 0.1200
	Blank <0.0005
Boron (B) mg/L	Standard name C00-046-705_X_1000
	Result 0.0989
	Accuracy 98.9%
	Limit 0.0800 - 0.1200
	Blank <0.01
Dissolved Boron (B) mg/L	Standard name C00-046-705_X_1000
	Result 1.03
	Accuracy 97%
	Limit 0.800 - 1.200
	Blank <0.01
Bromides mg/L	Standard name C00-046-705_X_1000
	Result 1.07
	Accuracy 93%
	Limit 0.800 - 1.200
	Blank <0.01
Cadmium (Cd) mg/L	Standard name DMR-0119-2017-Br
	Result 5.20
	Accuracy 92.4%
	Limit 4.50 - 6.76
	Blank <0.00002

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Quality control Report

Lab number: V-67093

Sample name: ST-16 KIA DUP

Sampling location: ST-16 KIA DUP

Sampling date: August 22, 2017

Sampling hour: 13:00

Parameter	
	Standard name C00-046-705_X_1000
	Result 0.08540
	Accuracy 85.4%
	Limit 0.0800 - 0.1200
Dissolved Cadmium (Cd) mg/L	Blank <0.00002
	Standard name C00-046-705_X_1000
	Result 0.08929
	Accuracy 89.3%
	Limit 0.0800 - 0.1200
Calcium (Ca) mg/L	Blank <0.03
	Standard name C00-046-705_X_1000
	Result 0.86
	Accuracy 86%
	Limit 0.800 - 1.200
Dissolved Organic Carbon (D.O.C.) mg/L	Blank <0.2
	Standard name COD 10mg/L
	Result 11
	Accuracy 90%
	Limit 8 - 12
Total Organic Carbon (T.O.C.) mg/L	Blank <0.2
	Standard name COT 10mg/L
	Result 11
	Accuracy 90%
	Limit 8 - 12
Chloride mg/L	Blank <0.5
	Standard name DMR-0417-2017-Cl
	Result 112
	Accuracy 96.3%
	Limit 95 - 121
Chrome (Cr) mg/L	Blank <0.0006
	Standard name C00-046-705_X_1000
	Result 0.0956
	Accuracy 95.6%
	Limit 0.0800 - 0.1200
Dissolved Chromium (Cr) mg/L	Blank <0.0006
	Standard name C00-046-705_X_1000
	Result 0.1004
	Accuracy 99.6%
	Limit 0.0800 - 0.1200
Cobalt (Co) mg/L	Blank <0.0005

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Quality control Report

Lab number: V-67093

Sample name: ST-16 KIA DUP

Sampling location: ST-16 KIA DUP

Sampling date: August 22, 2017

Sampling hour: 13:00

Parameter	
	Standard name C00-046-705_X_1000
	Result 0.0941
	Accuracy 94.1%
	Limit 0.0800 - 0.1200
Dissolved Cobalt (Co) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0987
	Accuracy 98.7%
	Limit 0.0800 - 0.1200
Conductivity µmhos/cm	Standard name STD cond maison
	Result 1406
	Accuracy 99.4%
	Limit 1203 - 1627
Colour UCV	Blank <1
	Standard name DMR-0417-2017-Coul
	Result 89
	Accuracy 97.7%
	Limit 67 - 107
Copper (Cu) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1006
	Accuracy 99.4%
	Limit 0.0800 - 0.1200
Dissolved Copper (Cu) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1056
	Accuracy 94.4%
	Limit 0.0800 - 0.1200
Cyanide W.A.D. mg/L	Blank <0.001
	Standard name DMR-0343-CN
	Result 0.952
	Accuracy 92.2%
	Limit 0.751 - 1.015
Total Cyanide (CNT) mg/L	Blank <0.001
	Standard name DMR-0343-CN
	Result 1.27
	Accuracy 92.4%
	Limit 1.003 - 1.357
Tin (Sn) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000

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Quality control Report

Lab number: V-67093

Sample name: ST-16 KIA DUP

Sampling location: ST-16 KIA DUP

Sampling date: August 22, 2017

Sampling hour: 13:00

Parameter	
	Result 0.086
	Accuracy 86%
	Limit 0.0800 - 0.1200
dissolved Tin (Sn) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.087
	Accuracy 87%
	Limit 0.0700 - 0.1300
Iron (Fe) mg/L	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 0.92
	Accuracy 92%
	Limit 0.800 - 1.200
Dissolved Iron (Fe) mg/L	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.02
	Accuracy 98%
	Limit 0.800 - 1.200
Fluoride (F) mg/L	Blank <0.02
	Standard name DMR-0417-2017-F
	Result 2.29
	Accuracy 99.6%
	Limit 2.13 - 2.47
Lithium (Li) mg/L	Blank <0.005
Dissolved Lithium (Li) mg/L	Blank <0.005
Total Suspended Solids mg/L	Blank <1
	Standard name STD-MES 25mg/L
	Result 27
	Accuracy 92%
	Limit 19 - 31
Magnesium (Mg) mg/L	Blank <0.02
	Standard name C00-046-705_X_1000
	Result 0.97
	Accuracy 97%
	Limit 0.800 - 1.200
Dissolved Magnesium (Mg) mg/L	Blank <0.02
	Standard name C00-046-705_X_1000
	Result 0.94
	Accuracy 94%
	Limit 0.800 - 1.200

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Quality control Report

Lab number: V-67093

Sample name: ST-16 KIA DUP

Sampling location: ST-16 KIA DUP

Sampling date: August 22, 2017

Sampling hour: 13:00

Parameter	
Manganese (Mn) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0904 Accuracy 90.4% Limit 0.0800 - 0.1200
Dissolved Manganese (Mn) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0943 Accuracy 94.3% Limit 0.0800 - 0.1200
Mercury (Hg) mg/L	Blank <0.00001 Standard name DMR-0343-2017-HgEu Result 0.00050 Accuracy 71.4% Limit 0.00042 - 0.00098
Dissolved Mercury (Hg) mg/L	Blank <0.00001
Molybdenum (Mo) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0829 Accuracy 82.9% Limit 0.0800 - 0.1200
Dissolved Molybdenum (Mo) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0864 Accuracy 86.4% Limit 0.0800 - 0.1200
Nickel (Ni) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0921 Accuracy 92.1% Limit 0.0800 - 0.1200
Dissolved Nickel (Ni) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0969 Accuracy 96.9% Limit 0.0800 - 0.1200
Nitrate (NO ₃) mg N/L	Blank <0.01
Nitrite (NO ₂) mg N/L	Blank <0.01 Standard name DMR-0417-2017-NO ₂ Result 2.71

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Quality control Report

Lab number: V-67093

Sample name: ST-16 KIA DUP

Sampling location: ST-16 KIA DUP

Sampling date: August 22, 2017

Sampling hour: 13:00

Parameter	
Ortho-Phosphate (O-PO4) mg P/	Accuracy 100%
	Limit 2.30 - 3.12
	Blank <0.01
	Standard name DMR-0417-2017-OPO4
	Result 2.82
pH	Accuracy 88.4%
	Limit 2.81 - 3.57
	Standard name STD pH 7.0
	Result 7.00
Lead (Pb) mg/L	Accuracy 100%
	Limit 6.96 - 7.04
	Blank <0.0003
	Standard name C00-046-705_X_1000
Dissolved Lead (Pb) mg/L	Result 0.0872
	Accuracy 87.2%
	Limit 0.0800 - 0.1200
	Blank <0.0003
Potassium (K) mg/L	Standard name C00-046-705_X_1000
	Result 0.0909
	Accuracy 90.9%
	Limit 0.0800 - 0.1200
Selenium (Se) mg/L	Blank <0.05
	Standard name C00-046-705_X_1000
	Result 1.02
	Accuracy 98%
Dissolved Selenium (Se) mg/L	Limit 0.800 - 1.200
	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.091
Sodium (Na) mg/L	Accuracy 91%
	Limit 0.0800 - 0.1200
	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.094
	Accuracy 94%
	Limit 0.0800 - 0.1200
	Blank <0.05
	Standard name C00-046-705_X_1000
	Result 1.02
	Accuracy 98%

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Quality control Report

Lab number: V-67093

Sample name: ST-16 KIA DUP

Sampling location: ST-16 KIA DUP

Sampling date: August 22, 2017

Sampling hour: 13:00

Parameter	
	Limit 0.800 - 1.200
Strontium (Sr) mg/L	Blank <0.005
dissolved Strontium (Sr) mg/L	Blank <0.005
Sulfate (SO4) mg SO4/L	Blank <0.6
	Standard name DMR-0417-2017-SO4
	Result 120
	Accuracy 97.6%
	Limit 114 - 132
	Sample duplicate 99.2-101
Tellurium (Te) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0897
	Accuracy 89.7%
	Limit 0.0800 - 0.1200
Thallium (Tl) mg/L	Blank <0.0008
Dissolved thallium (Tl) mg/L	Blank <0.0008
Thiocyanate (SCN) mg SCN/L	Blank <0.05
	Standard name STD SCN 568ppm
	Result 593
	Accuracy 95.6%
	Limit 398 - 738
Thiosulfates (S2O3) mg S2O3/L	Blank <0.02
	Standard name S2O3-225ppm
	Result 212
	Accuracy 94.2%
	Limit 158 - 293
Titanium (Ti) mg/L	Blank <0.01
Dissolved titanium (Ti) mg/L	Blank <0.01
Turbidity UTN	Standard name DMR-0417-2017-Turb
	Result 4.60
	Accuracy 88.6%
	Limit 4.41 - 5.97
Uranium (U) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.097
	Accuracy 97%
	Limit 0.0800 - 0.1200
Dissolved Uranium (U) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.099

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Quality control Report

Lab number: V-67093

Sample name: ST-16 KIA DUP

Sampling location: ST-16 KIA DUP

Sampling date: August 22, 2017

Sampling hour: 13:00

Parameter	
Vanadium (V) mg/L	Accuracy 99%
	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0887
Dissolved Vanadium mg/L	Accuracy 88.7%
	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0930
Zinc (Zn) mg/L	Accuracy 93%
	Limit 0.0800 - 0.1200
	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.093
Dissolved Zinc mg/L	Accuracy 93%
	Limit 0.0800 - 0.1200
	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.091
	Accuracy 91%
	Limit 0.0800 - 0.1200

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Additional information

Lab number: V-67093

Sample name: ST-16 KIA DUP

Sampling location: ST-16 KIA DUP

Sampling date: August 22, 2017

Sampling hour: 13:00

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-CL-2.0	MA.300-Ions 1.3
M-COUL-1.0	MA.103-Col. 2.0
M-CN-1.0	MA.300-CN 1.2
M-CI-1.0	MA.300-Anions 1.0
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-P-2.0	MA.303-P 1.1
M-SULF-2.0	MA.300-Ions 1.3
M-TURB-1.0	MA.103-Tur. 1.0

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-67393

Sampling location: ST-EEM-2a TPS FB N65 04.11,9W95 59.52,7

Sampling date: August 28, 2017

Sample name: ST-EEM-2 TPS FB

Sampling hour: 17:00

Sampled by: Eric F. Pat A.

Date received: August 30, 2017

Matrix: Waste Water

Drinking water distribution:

Corrected certificate, replacing the certificate V-67393 done on September 13 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

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Analytical Report

Lab number: V-67393

Sample name: ST-EEM-2 TPS FB

Sampling date: August 28, 2017

Sampling location: ST-EEM-2a TPS FB N65 04.11,9W95 59.52,7

Sampling hour: 17:00

Parameter	Result	Method name	Analysis date
Alkalinity	2 mg CaCO ₃ /L	M-TIT-1.0	August 30, 2017
Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	September 11, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	<0.01 mg N/L	Sous-traitance\H2Lab inc. (SAM)	August 31, 2017
Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	September 11, 2017
Hardness	<1 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	September 11, 2017
Iron (Fe)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 11, 2017
Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	September 12, 2017
Molybdenum (Mo)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 11, 2017
Ammonia NH ₃ (non-ionized)	<0.01 mg N/L	Sous-traitance\Multilab Direct	August 31, 2017
Nitrate (NO ₃)	<0.01 mg N/L	Sous-traitance\Multilab Direct	September 01, 2017
Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 11, 2017
Total Cyanide (CNT)	0.003 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 11, 2017
Copper (Cu)	0.0339 mg/L	Sous-traitance\Multilab Direct	September 11, 2017
Nickel (Ni)	0.0006 mg/L	Sous-traitance\Multilab Direct	September 11, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	September 11, 2017
Zinc (Zn)	0.017 mg/L	Sous-traitance\Multilab Direct	September 11, 2017
Total Suspended Solids	<1 mg/L	M-SOLI-1.0	September 19, 2017
Copper (Cu)	0.0371 mg/L	Sous-traitance\Multilab Direct	September 19, 2017

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Detection limit

Lab number: V-67393

Sample name: ST-EEM-2 TPS FB

Sampling date: August 28, 2017

Sampling location: ST-EEM-2a TPS FB N65 04.11,9W95 59.52,7

Sampling hour: 17:00

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO3/L	M-TIT-1.0	
Aluminium (Al)	0.003	mg/L	Sous-traitance	
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO3/L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Ammonia NH3 (non-ionized)	0.01	mg N/L	Sous-traitance	-
Nitrate (NO3)	0.01	mg N/L	Sous-traitance	Yes
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes

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Quality control Report

Lab number: V-67393

Sample name: ST-EEM-2 TPS FB

Sampling date: August 28, 2017

Sampling location: ST-EEM-2a TPS FB N65 04.11,9W95 59.52,7

Sampling hour: 17:00

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 141 Accuracy 97.2% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006 Standard name C00-046-705_X_1000 Result 1.18 Accuracy 82% Limit 0.800 - 1.200
Arsenic (As) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0907 Accuracy 90.7% Limit 0.0700 - 0.1300
Cadmium (Cd) mg/L	Blank <0.00002 Standard name C00-046-705_X_1000 Result 0.09669 Accuracy 96.7% Limit 0.0800 - 0.1200
Copper (Cu) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1011 Accuracy 98.9% Limit 0.0800 - 0.1200
Total Cyanide (CNT) mg/L	Blank <0.001 Standard name DMR-0343-CN Result 1.22 Accuracy 96.6% Limit 1.003 - 1.357
Iron (Fe) mg/L	Blank <0.01 Standard name C00-046-705_X_1000 Result 1.09 Accuracy 91% Limit 0.800 - 1.200
Total Suspended Solids mg/L	Blank <1 Standard name STD-MES 25mg/L Result 22 Accuracy 88% Limit 19 - 31
Mercury (Hg) mg/L	Blank <0.00001

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Quality control Report

Lab number: V-67393

Sample name: ST-EEM-2 TPS FB

Sampling date: August 28, 2017

Sampling location: ST-EEM-2a TPS FB N65 04.11,9W95 59.52,7

Sampling hour: 17:00

Parameter	
	Standard name DMR-0343-2017-HgEu
	Result 0.00043
	Accuracy 61.4%
	Limit 0.00042 - 0.00098
Molybdenum (Mo) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0925
	Accuracy 92.5%
	Limit 0.0800 - 0.1200
Ammonia NH3 (non-ionized) mg	Blank <0.01
Nickel (Ni) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0981
	Accuracy 98.1%
	Limit 0.0800 - 0.1200
Nitrate (NO3) mg N/L	Blank <0.01
Lead (Pb) mg/L	Blank <0.0003
	Standard name C00-046-705_X_1000
	Result 0.0907
	Accuracy 90.7%
	Limit 0.0800 - 0.1200
Selenium (Se) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.097
	Accuracy 97%
	Limit 0.0800 - 0.1200
Zinc (Zn) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.105
	Accuracy 95%
	Limit 0.0800 - 0.1200

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
This report shall not be reproduced except in full without the written authority of the laboratory.



Additional information

Lab number: V-67393

Sample name: ST-EEM-2 TPS FB

Sampling date: August 28, 2017

Sampling location: ST-EEM-2a TPS FB N65 04.11,9W95 59.52,7

Sampling hour: 17:00

Delay exceeded, results as an indication only, for the following parameter : TSS

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-NITR-2.0	MA.300-NO3 2.0
M-CN-1.0	MA.300-CN 1.2
M-SOLI-1.0	MA.104-S.S. 1.1

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-67392

Sampling location: ST-EEM-2a TPS DUP N65 04.11,9W95 59.52,7

Sampling date: August 28, 2017

Sample name: ST-EEM-2 TPS DUP

Sampling hour: 17:00

Sampled by: Eric F. Pat A.

Date received: August 30, 2017

Matrix: Waste Water

Corrected certificate, replacing the certificate V-67392 done on September 13 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
This report shall not be reproduced except in full without the written authority of the laboratory.



Analytical Report

Lab number: V-67392

Sample name: ST-EEM-2 TPS DUP

Sampling date: August 28, 2017

Sampling location: ST-EEM-2a TPS DUP N65 04.11,9W95 59.52,7

Sampling hour: 17:00

Parameter	Result	Method name	Analysis date
Alkalinity	7 mg CaCO ₃ /L	M-TIT-1.0	August 30, 2017
Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	September 11, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	<0.01 mg N/L	Sous-traitance\H2Lab inc. (SAM)	August 31, 2017
Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	September 11, 2017
Hardness	<1 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	September 11, 2017
Iron (Fe)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 11, 2017
Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	September 12, 2017
Molybdenum (Mo)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 11, 2017
Ammonia NH ₃ (non-ionized)	<0.01 mg N/L	Sous-traitance\Multilab Direct	August 31, 2017
Nitrate (NO ₃)	0.02 mg N/L	Sous-traitance\Multilab Direct	September 01, 2017
Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 11, 2017
Total Cyanide (CNT)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 11, 2017
Copper (Cu)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 11, 2017
Nickel (Ni)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 11, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	September 11, 2017
Zinc (Zn)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 11, 2017
Total Suspended Solids	<1 mg/L	M-SOLI-1.0	September 19, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Detection limit

Lab number: V-67392

Sample name: ST-EEM-2 TPS DUP

Sampling date: August 28, 2017

Sampling location: ST-EEM-2a TPS DUP N65 04.11,9W95 59.52,7

Sampling hour: 17:00

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO3/L	M-TIT-1.0	
Aluminium (Al)	0.003	mg/L	Sous-traitance	
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO3/L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Ammonia NH3 (non-ionized)	0.01	mg N/L	Sous-traitance	-
Nitrate (NO3)	0.01	mg N/L	Sous-traitance	Yes
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Quality control Report

Lab number: V-67392

Sample name: ST-EEM-2 TPS DUP

Sampling date: August 28, 2017

Sampling location: ST-EEM-2a TPS DUP N65 04.11,9W95 59.52,7

Sampling hour: 17:00

Parameter	
Alkalinity mg CaCO3/L	Standard name STD alcalinité Result 141 Accuracy 97.2% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006 Standard name C00-046-705_X_1000 Result 1.18 Accuracy 82% Limit 0.800 - 1.200
Arsenic (As) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0907 Accuracy 90.7% Limit 0.0700 - 0.1300
Cadmium (Cd) mg/L	Blank <0.00002 Standard name C00-046-705_X_1000 Result 0.09669 Accuracy 96.7% Limit 0.0800 - 0.1200
Copper (Cu) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1011 Accuracy 98.9% Limit 0.0800 - 0.1200
Total Cyanide (CNT) mg/L	Blank <0.001 Standard name DMR-0343-CN Result 1.22 Accuracy 96.6% Limit 1.003 - 1.357
Iron (Fe) mg/L	Blank <0.01 Standard name C00-046-705_X_1000 Result 1.09 Accuracy 91% Limit 0.800 - 1.200
Total Suspended Solids mg/L	Blank <1 Standard name STD-MES 25mg/L Result 22 Accuracy 88% Limit 19 - 31
Mercury (Hg) mg/L	Blank <0.00001

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Quality control Report

Lab number: V-67392

Sample name: ST-EEM-2 TPS DUP

Sampling date: August 28, 2017

Sampling location: ST-EEM-2a TPS DUP N65 04.11,9W95 59.52,7

Sampling hour: 17:00

Parameter	
	Standard name DMR-0343-2017-HgEu
	Result 0.00043
	Accuracy 61.4%
	Limit 0.00042 - 0.00098
Molybdenum (Mo) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0925
	Accuracy 92.5%
	Limit 0.0800 - 0.1200
Ammonia NH3 (non-ionized) mg N/L	Blank <0.01
Nickel (Ni) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0981
	Accuracy 98.1%
	Limit 0.0800 - 0.1200
Nitrate (NO3) mg N/L	Blank <0.01
Lead (Pb) mg/L	Blank <0.0003
	Standard name C00-046-705_X_1000
	Result 0.0907
	Accuracy 90.7%
	Limit 0.0800 - 0.1200
Selenium (Se) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.097
	Accuracy 97%
	Limit 0.0800 - 0.1200
Zinc (Zn) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.105
	Accuracy 95%
	Limit 0.0800 - 0.1200

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Additional information

Lab number: V-67392

Sample name: ST-EEM-2 TPS DUP

Sampling date: August 28, 2017

Sampling location: ST-EEM-2a TPS DUP N65 04.11,9W95 59.52,7

Sampling hour: 17:00

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-NITR-2.0	MA.300-NO3 2.0
M-CN-1.0	MA.300-CN 1.2
M-SOLI-1.0	MA.104-S.S. 1.1

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-67393

Sampling location: ST-EEM-2a TPS FB N65 04.11,9W95 59.52,7

Sampling date: August 28, 2017

Sample name: ST-EEM-2 TPS FB

Sampling hour: 17:00

Sampled by: Eric F. Pat A.

Date received: August 30, 2017

Matrix: Waste Water

Corrected certificate, replacing the certificate V-67393 done on September 13 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Lab number: V-67393

Sample name: ST-EEM-2 TPS FB

Sampling date: August 28, 2017

Sampling location: ST-EEM-2a TPS FB N65 04.11,9W95 59.52,7

Sampling hour: 17:00

Parameter	Result	Method name	Analysis date
Alkalinity	2 mg CaCO ₃ /L	M-TIT-1.0	August 30, 2017
Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	September 11, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	<0.01 mg N/L	Sous-traitance\H2Lab inc. (SAM)	August 31, 2017
Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	September 11, 2017
Hardness	<1 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	September 11, 2017
Iron (Fe)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 11, 2017
Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	September 12, 2017
Molybdenum (Mo)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 11, 2017
Ammonia NH ₃ (non-ionized)	<0.01 mg N/L	Sous-traitance\Multilab Direct	August 31, 2017
Nitrate (NO ₃)	<0.01 mg N/L	Sous-traitance\Multilab Direct	September 01, 2017
Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 11, 2017
Total Cyanide (CNT)	0.003 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 11, 2017
Copper (Cu)	0.0339 mg/L	Sous-traitance\Multilab Direct	September 11, 2017
Nickel (Ni)	0.0006 mg/L	Sous-traitance\Multilab Direct	September 11, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	September 11, 2017
Zinc (Zn)	0.017 mg/L	Sous-traitance\Multilab Direct	September 11, 2017
Total Suspended Solids	<1 mg/L	M-SOLI-1.0	September 19, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Detection limit

Lab number: V-67393

Sample name: ST-EEM-2 TPS FB

Sampling date: August 28, 2017

Sampling location: ST-EEM-2a TPS FB N65 04.11,9W95 59.52,7

Sampling hour: 17:00

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO3/L	M-TIT-1.0	
Aluminium (Al)	0.003	mg/L	Sous-traitance	
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO3/L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Ammonia NH3 (non-ionized)	0.01	mg N/L	Sous-traitance	-
Nitrate (NO3)	0.01	mg N/L	Sous-traitance	Yes
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Quality control Report

Lab number: V-67393

Sample name: ST-EEM-2 TPS FB

Sampling date: August 28, 2017

Sampling location: ST-EEM-2a TPS FB N65 04.11,9W95 59.52,7

Sampling hour: 17:00

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 141 Accuracy 97.2% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006 Standard name C00-046-705_X_1000 Result 1.18 Accuracy 82% Limit 0.800 - 1.200
Arsenic (As) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0907 Accuracy 90.7% Limit 0.0700 - 0.1300
Cadmium (Cd) mg/L	Blank <0.00002 Standard name C00-046-705_X_1000 Result 0.09669 Accuracy 96.7% Limit 0.0800 - 0.1200
Copper (Cu) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1011 Accuracy 98.9% Limit 0.0800 - 0.1200
Total Cyanide (CNT) mg/L	Blank <0.001 Standard name DMR-0343-CN Result 1.22 Accuracy 96.6% Limit 1.003 - 1.357
Iron (Fe) mg/L	Blank <0.01 Standard name C00-046-705_X_1000 Result 1.09 Accuracy 91% Limit 0.800 - 1.200
Total Suspended Solids mg/L	Blank <1 Standard name STD-MES 25mg/L Result 22 Accuracy 88% Limit 19 - 31
Mercury (Hg) mg/L	Blank <0.00001

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

This report shall not be reproduced except in full without the written authority of the laboratory.



Quality control Report

Lab number: V-67393

Sample name: ST-EEM-2 TPS FB

Sampling date: August 28, 2017

Sampling location: ST-EEM-2a TPS FB N65 04.11,9W95 59.52,7

Sampling hour: 17:00

Parameter	
	Standard name DMR-0343-2017-HgEu
	Result 0.00043
	Accuracy 61.4%
	Limit 0.00042 - 0.00098
Molybdenum (Mo) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0925
	Accuracy 92.5%
	Limit 0.0800 - 0.1200
Ammonia NH3 (non-ionized) mg N/L	Blank <0.01
Nickel (Ni) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0981
	Accuracy 98.1%
	Limit 0.0800 - 0.1200
Nitrate (NO3) mg N/L	Blank <0.01
Lead (Pb) mg/L	Blank <0.0003
	Standard name C00-046-705_X_1000
	Result 0.0907
	Accuracy 90.7%
	Limit 0.0800 - 0.1200
Selenium (Se) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.097
	Accuracy 97%
	Limit 0.0800 - 0.1200
Zinc (Zn) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.105
	Accuracy 95%
	Limit 0.0800 - 0.1200

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

This report shall not be reproduced except in full without the written authority of the laboratory.



Additional information

Lab number: V-67393

Sample name: ST-EEM-2 TPS FB

Sampling date: August 28, 2017

Sampling location: ST-EEM-2a TPS FB N65 04.11,9W95 59.52,7

Sampling hour: 17:00

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-NITR-2.0	MA.300-NO3 2.0
M-CN-1.0	MA.300-CN 1.2
M-SOLI-1.0	MA.104-S.S. 1.1

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

This report shall not be reproduced except in full without the written authority of the laboratory.



Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-67395

Sampling location: ST-EEM-2a WLE DUP N65 04.11,9W95 59.52,7

Sampling date: August 29, 2017

Sample name: ST-EEM-2 WLE DUP

Sampling hour: 08:00

Sampled by: Eric F. Pat A.

Date received: August 30, 2017

Matrix: Waste Water

Drinking water distribution: **Wally**

Corrected certificate, replacing the certificate V-67395 done on September 13 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
This report shall not be reproduced except in full without the written authority of the laboratory.



Analytical Report

Lab number: V-67395

Sample name: ST-EEM-2 WLE DUP

Sampling date: August 29, 2017

Sampling location: ST-EEM-2a WLE DUP N65 04.11,9W95 59.52,7

Sampling hour: 08:00

Parameter	Result	Method name	Analysis date
Alkalinity	17 mg CaCO ₃ /L	M-TIT-1.0	August 30, 2017
Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	September 11, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	<0.01 mg N/L	Sous-traitance\H2Lab inc. (SAM)	August 31, 2017
Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	September 11, 2017
Hardness	23 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	September 11, 2017
Iron (Fe)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 11, 2017
Mercury (Hg)	0.00002 mg/L	Sous-traitance\Multilab Direct	September 12, 2017
Molybdenum (Mo)	0.0010 mg/L	Sous-traitance\Multilab Direct	September 11, 2017
Ammonia NH ₃ (non-ionized)	<0.01 mg N/L	Sous-traitance\Multilab Direct	August 31, 2017
Nitrate (NO ₃)	0.29 mg N/L	Sous-traitance\Multilab Direct	September 01, 2017
Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 11, 2017
Total Cyanide (CNT)	0.002 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 11, 2017
Copper (Cu)	0.0005 mg/L	Sous-traitance\Multilab Direct	September 11, 2017
Nickel (Ni)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 11, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	September 11, 2017
Zinc (Zn)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 11, 2017
Total Suspended Solids	2 mg/L	M-SOLI-1.0	September 19, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

This report shall not be reproduced except in full without the written authority of the laboratory.



Detection limit

Lab number: V-67395

Sample name: ST-EEM-2 WLE DUP

Sampling date: August 29, 2017

Sampling location: ST-EEM-2a WLE DUP N65 04.11,9W95 59.52,7

Sampling hour: 08:00

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO3/L	M-TIT-1.0	
Aluminium (Al)	0.003	mg/L	Sous-traitance	
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO3/L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Ammonia NH3 (non-ionized)	0.01	mg N/L	Sous-traitance	-
Nitrate (NO3)	0.01	mg N/L	Sous-traitance	Yes
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Quality control Report

Lab number: V-67395

Sample name: ST-EEM-2 WLE DUP

Sampling date: August 29, 2017

Sampling location: ST-EEM-2a WLE DUP N65 04.11,9W95 59.52,7

Sampling hour: 08:00

Parameter	
Alkalinity mg CaCO3/L	Standard name STD alcalinité Result 141 Accuracy 97.2% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006 Standard name C00-046-705_X_1000 Result 1.18 Accuracy 82% Limit 0.800 - 1.200
Arsenic (As) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0907 Accuracy 90.7% Limit 0.0700 - 0.1300
Cadmium (Cd) mg/L	Blank <0.00002 Standard name C00-046-705_X_1000 Result 0.09669 Accuracy 96.7% Limit 0.0800 - 0.1200
Copper (Cu) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1011 Accuracy 98.9% Limit 0.0800 - 0.1200
Total Cyanide (CNT) mg/L	Blank <0.001 Standard name DMR-0343-CN Result 1.22 Accuracy 96.6% Limit 1.003 - 1.357
Iron (Fe) mg/L	Blank <0.01 Standard name C00-046-705_X_1000 Result 1.09 Accuracy 91% Limit 0.800 - 1.200
Total Suspended Solids mg/L	Blank <1 Standard name STD-MES 25mg/L Result 22 Accuracy 88% Limit 19 - 31
	Sample duplicate 2-<1

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

This report shall not be reproduced except in full without the written authority of the laboratory.



Quality control Report

Lab number: V-67395

Sample name: ST-EEM-2 WLE DUP

Sampling date: August 29, 2017

Sampling location: ST-EEM-2a WLE DUP N65 04.11,9W95 59.52,7

Sampling hour: 08:00

Parameter

Mercury (Hg) mg/L
Blank <0.00001
Standard name DMR-0343-2017-HgEu
Result 0.00042
Accuracy 60%
Limit 0.00042 - 0.00098

Molybdenum (Mo) mg/L
Blank <0.0005
Standard name C00-046-705_X_1000
Result 0.0925
Accuracy 92.5%
Limit 0.0800 - 0.1200

Ammonia NH3 (non-ionized) mg N/L
Blank <0.01
Nickel (Ni) mg/L
Blank <0.0005
Standard name C00-046-705_X_1000
Result 0.0981
Accuracy 98.1%
Limit 0.0800 - 0.1200

Nitrate (NO3) mg N/L
Blank <0.01
Lead (Pb) mg/L
Blank <0.0003
Standard name C00-046-705_X_1000
Result 0.0907
Accuracy 90.7%
Limit 0.0800 - 0.1200

Selenium (Se) mg/L
Blank <0.001
Standard name C00-046-705_X_1000
Result 0.097
Accuracy 97%
Limit 0.0800 - 0.1200

Zinc (Zn) mg/L
Blank <0.001
Standard name C00-046-705_X_1000
Result 0.105
Accuracy 95%
Limit 0.0800 - 0.1200

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Additional information

Lab number: V-67395

Sample name: ST-EEM-2 WLE DUP

Sampling date: August 29, 2017

Sampling location: ST-EEM-2a WLE DUP N65 04.11,9W95 59.52,7

Sampling hour: 08:00

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-NITR-2.0	MA.300-NO3 2.0
M-CN-1.0	MA.300-CN 1.2
M-SOLI-1.0	MA.104-S.S. 1.1

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-67395

Sampling location: ST-EEM-2a WLE DUP N65 04.11,9W95 59.52,7

Sampling date: August 29, 2017

Sample name: ST-EEM-2 WLE DUP

Sampling hour: 08:00

Sampled by: Eric F. Pat A.

Date received: August 30, 2017

Matrix: Waste Water

Drinking water distribution: **Wally**

Reported on: September 13, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
This report shall not be reproduced except in full without the written authority of the laboratory.



Analytical Report

Lab number: V-67395

Sample name: ST-EEM-2 WLE DUP

Sampling date: August 29, 2017

Sampling location: ST-EEM-2a WLE DUP N65 04.11,9W95 59.52,7

Sampling hour: 08:00

Parameter	Result	Method name	Analysis date
Alkalinity	17 mg CaCO ₃ /L	M-TIT-1.0	August 30, 2017
Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	September 11, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	<0.01 mg N/L	Sous-traitance\H2Lab inc. (SAM)	August 31, 2017
Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	September 11, 2017
Hardness	23 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	September 11, 2017
Iron (Fe)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 11, 2017
Mercury (Hg)	0.00002 mg/L	Sous-traitance\Multilab Direct	September 12, 2017
Molybdenum (Mo)	0.0010 mg/L	Sous-traitance\Multilab Direct	September 11, 2017
Ammonia NH ₃ (non-ionized)	<0.01 mg N/L	Sous-traitance\Multilab Direct	August 31, 2017
Nitrate (NO ₃)	0.29 mg N/L	Sous-traitance\Multilab Direct	September 01, 2017
Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 11, 2017
Total Cyanide (CNT)	0.002 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 11, 2017
Copper (Cu)	0.0005 mg/L	Sous-traitance\Multilab Direct	September 11, 2017
Nickel (Ni)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 11, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	September 11, 2017
Zinc (Zn)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 11, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Detection limit

Lab number: V-67395

Sample name: ST-EEM-2 WLE DUP

Sampling date: August 29, 2017

Sampling location: ST-EEM-2a WLE DUP N65 04.11,9W95 59.52,7

Sampling hour: 08:00

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO3/L	M-TIT-1.0	
Aluminium (Al)	0.003	mg/L	Sous-traitance	
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO3/L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Ammonia NH3 (non-ionized)	0.01	mg N/L	Sous-traitance	-
Nitrate (NO3)	0.01	mg N/L	Sous-traitance	Yes
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Quality control Report

Lab number: V-67395

Sample name: ST-EEM-2 WLE DUP

Sampling date: August 29, 2017

Sampling location: ST-EEM-2a WLE DUP N65 04.11,9W95 59.52,7

Sampling hour: 08:00

Parameter	
Alkalinity mg CaCO3/L	Standard name STD alcalinité Result 141 Accuracy 97.2% Limit 123 - 167 Blank <0.006
Aluminium (Al) mg/L	Standard name C00-046-705_X_1000 Result 1.18 Accuracy 82% Limit 0.800 - 1.200 Blank <0.0005
Arsenic (As) mg/L	Standard name C00-046-705_X_1000 Result 0.0907 Accuracy 90.7% Limit 0.0700 - 0.1300 Blank <0.00002
Cadmium (Cd) mg/L	Standard name C00-046-705_X_1000 Result 0.09669 Accuracy 96.7% Limit 0.0800 - 0.1200 Blank <0.0005
Copper (Cu) mg/L	Standard name C00-046-705_X_1000 Result 0.1011 Accuracy 98.9% Limit 0.0800 - 0.1200 Blank <0.001
Total Cyanide (CNT) mg/L	Standard name DMR-0343-CN Result 1.22 Accuracy 96.6% Limit 1.003 - 1.357 Blank <0.01
Iron (Fe) mg/L	Standard name C00-046-705_X_1000 Result 1.09 Accuracy 91% Limit 0.800 - 1.200 Blank <0.00001
Mercury (Hg) mg/L	Standard name DMR-0343-2017-HgEu Result 0.00042 Accuracy 60% Limit 0.00042 - 0.00098 Blank <0.0005
Molybdenum (Mo) mg/L	

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Quality control Report

Lab number: V-67395

Sample name: ST-EEM-2 WLE DUP

Sampling date: August 29, 2017

Sampling location: ST-EEM-2a WLE DUP N65 04.11,9W95 59.52,7

Sampling hour: 08:00

Parameter

Standard name C00-046-705_X_1000

Result 0.0925

Accuracy 92.5%

Limit 0.0800 - 0.1200

Ammonia NH₃ (non-ionized) mg N/L

Blank <0.01

Nickel (Ni) mg/L

Blank <0.0005

Standard name C00-046-705_X_1000

Result 0.0981

Accuracy 98.1%

Limit 0.0800 - 0.1200

Nitrate (NO₃) mg N/L

Blank <0.01

Lead (Pb) mg/L

Blank <0.0003

Standard name C00-046-705_X_1000

Result 0.0907

Accuracy 90.7%

Limit 0.0800 - 0.1200

Selenium (Se) mg/L

Blank <0.001

Standard name C00-046-705_X_1000

Result 0.097

Accuracy 97%

Limit 0.0800 - 0.1200

Zinc (Zn) mg/L

Blank <0.001

Standard name C00-046-705_X_1000

Result 0.105

Accuracy 95%

Limit 0.0800 - 0.1200

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Additional information

Lab number: V-67395

Sample name: ST-EEM-2 WLE DUP

Sampling date: August 29, 2017

Sampling location: ST-EEM-2a WLE DUP N65 04.11,9W95 59.52,7

Sampling hour: 08:00

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-NITR-2.0	MA.300-NO3 2.0
M-CN-1.0	MA.300-CN 1.2

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-67396

Sampling location: ST-EEM-2a WLE FB N65 04.11,9W95 59.52,7

Sampling date: August 29, 2017

Sample name: ST-EEM-2 WLE FB

Sampling hour: 08:00

Sampled by: Eric F. Pat A.

Date received: August 30, 2017

Matrix: Waste Water

Drinking water distribution: **Wally**

Corrected certificate, replacing the certificate V-67396 done on September 13 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Lab number: V-67396

Sample name: ST-EEM-2 WLE FB

Sampling date: August 29, 2017

Sampling location: ST-EEM-2a WLE FB N65 04.11,9W95 59.52,7

Sampling hour: 08:00

Parameter	Result	Method name	Analysis date
Alkalinity	2 mg CaCO ₃ /L	M-TIT-1.0	August 30, 2017
Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	September 11, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	<0.01 mg N/L	Sous-traitance\H2Lab inc. (SAM)	August 31, 2017
Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	September 11, 2017
Hardness	<1 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	September 11, 2017
Iron (Fe)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 11, 2017
Mercury (Hg)	0.00009 mg/L	Sous-traitance\Multilab Direct	September 12, 2017
Molybdenum (Mo)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 11, 2017
Ammonia NH ₃ (non-ionized)	<0.01 mg N/L	Sous-traitance\Multilab Direct	August 31, 2017
Nitrate (NO ₃)	<0.01 mg N/L	Sous-traitance\Multilab Direct	September 01, 2017
Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 11, 2017
Total Cyanide (CNT)	0.003 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 11, 2017
Copper (Cu)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 11, 2017
Nickel (Ni)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 11, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	September 11, 2017
Zinc (Zn)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 11, 2017
Total Suspended Solids	<1 mg/L	M-SOLI-1.0	September 19, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Detection limit

Lab number: V-67396

Sample name: ST-EEM-2 WLE FB

Sampling date: August 29, 2017

Sampling location: ST-EEM-2a WLE FB N65 04.11,9W95 59.52,7

Sampling hour: 08:00

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO3/L	M-TIT-1.0	
Aluminium (Al)	0.003	mg/L	Sous-traitance	
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO3/L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Ammonia NH3 (non-ionized)	0.01	mg N/L	Sous-traitance	-
Nitrate (NO3)	0.01	mg N/L	Sous-traitance	Yes
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Quality control Report

Lab number: V-67396

Sample name: ST-EEM-2 WLE FB

Sampling date: August 29, 2017

Sampling location: ST-EEM-2a WLE FB N65 04.11,9W95 59.52,7

Sampling hour: 08:00

Parameter	
Alkalinity mg CaCO3/L	Standard name STD alcalinité Result 141 Accuracy 97.2% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006 Standard name C00-046-705_X_1000 Result 1.18 Accuracy 82% Limit 0.800 - 1.200
Arsenic (As) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0907 Accuracy 90.7% Limit 0.0700 - 0.1300
Cadmium (Cd) mg/L	Blank <0.00002 Standard name C00-046-705_X_1000 Result 0.09669 Accuracy 96.7% Limit 0.0800 - 0.1200
Copper (Cu) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1011 Accuracy 98.9% Limit 0.0800 - 0.1200
Total Cyanide (CNT) mg/L	Blank <0.001 Standard name DMR-0343-CN Result 1.22 Accuracy 96.6% Limit 1.003 - 1.357
Iron (Fe) mg/L	Blank <0.01 Standard name C00-046-705_X_1000 Result 1.09 Accuracy 91% Limit 0.800 - 1.200
Total Suspended Solids mg/L	Blank <1 Standard name STD-MES 25mg/L Result 22 Accuracy 88% Limit 19 - 31
Mercury (Hg) mg/L	Blank <0.00001

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

This report shall not be reproduced except in full without the written authority of the laboratory.



Quality control Report

Lab number: V-67396

Sample name: ST-EEM-2 WLE FB

Sampling date: August 29, 2017

Sampling location: ST-EEM-2a WLE FB N65 04.11,9W95 59.52,7

Sampling hour: 08:00

Parameter

	Standard name DMR-0343-2017-HgEu
	Result 0.00042
	Accuracy 60%
	Limit 0.00042 - 0.00098
Molybdenum (Mo) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0925
	Accuracy 92.5%
	Limit 0.0800 - 0.1200
Ammonia NH3 (non-ionized) mg N/L	Blank <0.01
Nickel (Ni) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0981
	Accuracy 98.1%
	Limit 0.0800 - 0.1200
Nitrate (NO3) mg N/L	Blank <0.01
	Sample duplicate <0.01-<0.01
Lead (Pb) mg/L	Blank <0.0003
	Standard name C00-046-705_X_1000
	Result 0.0907
	Accuracy 90.7%
	Limit 0.0800 - 0.1200
Selenium (Se) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.097
	Accuracy 97%
	Limit 0.0800 - 0.1200
Zinc (Zn) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.105
	Accuracy 95%
	Limit 0.0800 - 0.1200

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

This report shall not be reproduced except in full without the written authority of the laboratory.



Additional information

Lab number: V-67396

Sample name: ST-EEM-2 WLE FB

Sampling date: August 29, 2017

Sampling location: ST-EEM-2a WLE FB N65 04.11,9W95 59.52,7

Sampling hour: 08:00

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-NITR-2.0	MA.300-NO3 2.0
M-CN-1.0	MA.300-CN 1.2
M-SOLI-1.0	MA.104-S.S. 1.1

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-67394

Sampling location: ST-EEM-2a WLE N65 04.11,9W95 59.52,7

Sampling date: August 29, 2017

Sample name: ST-EEM-2 WLE

Sampling hour: 08:00

Sampled by: Eric F. Pat A.

Date received: August 30, 2017

Matrix: Waste Water

Drinking water distribution: **Wally**

Corrected certificate, replacing the certificate V-67394 done on September 13 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
This report shall not be reproduced except in full without the written authority of the laboratory.



Analytical Report

Lab number: V-67394

Sample name: ST-EEM-2 WLE

Sampling date: August 29, 2017

Sampling location: ST-EEM-2a WLE N65 04.11,9W95 59.52,7

Sampling hour: 08:00

Parameter	Result	Method name	Analysis date
Alkalinity	16 mg CaCO ₃ /L	M-TIT-1.0	August 30, 2017
Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	September 11, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	<0.01 mg N/L	Sous-traitance\H2Lab inc. (SAM)	August 31, 2017
Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	September 11, 2017
Hardness	23 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	September 11, 2017
Iron (Fe)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 11, 2017
Mercury (Hg)	0.00003 mg/L	Sous-traitance\Multilab Direct	September 12, 2017
Molybdenum (Mo)	0.0010 mg/L	Sous-traitance\Multilab Direct	September 11, 2017
Ammonia NH ₃ (non-ionized)	<0.01 mg N/L	Sous-traitance\Multilab Direct	August 31, 2017
Nitrate (NO ₃)	0.29 mg N/L	Sous-traitance\Multilab Direct	September 01, 2017
Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 11, 2017
Total Cyanide (CNT)	0.002 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 11, 2017
Copper (Cu)	0.0006 mg/L	Sous-traitance\Multilab Direct	September 11, 2017
Nickel (Ni)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 11, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	September 11, 2017
Zinc (Zn)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 11, 2017
Total Suspended Solids	<1 mg/L	M-SOLI-1.0	September 19, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Detection limit

Lab number: V-67394

Sample name: ST-EEM-2 WLE

Sampling date: August 29, 2017

Sampling location: ST-EEM-2a WLE N65 04.11,9W95 59.52,7

Sampling hour: 08:00

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO3/L	M-TIT-1.0	
Aluminium (Al)	0.003	mg/L	Sous-traitance	
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO3/L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Ammonia NH3 (non-ionized)	0.01	mg N/L	Sous-traitance	-
Nitrate (NO3)	0.01	mg N/L	Sous-traitance	Yes
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Quality control Report

Lab number: V-67394

Sample name: ST-EEM-2 WLE

Sampling date: August 29, 2017

Sampling location: ST-EEM-2a WLE N65 04.11,9W95 59.52,7

Sampling hour: 08:00

Parameter	
Alkalinity mg CaCO3/L	Standard name STD alcalinité Result 141 Accuracy 97.2% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006 Standard name C00-046-705_X_1000 Result 1.18 Accuracy 82% Limit 0.800 - 1.200
Arsenic (As) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0907 Accuracy 90.7% Limit 0.0700 - 0.1300
Cadmium (Cd) mg/L	Blank <0.00002 Standard name C00-046-705_X_1000 Result 0.09669 Accuracy 96.7% Limit 0.0800 - 0.1200
Copper (Cu) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1011 Accuracy 98.9% Limit 0.0800 - 0.1200
Total Cyanide (CNT) mg/L	Blank <0.001 Standard name DMR-0343-CN Result 1.22 Accuracy 96.6% Limit 1.003 - 1.357
Iron (Fe) mg/L	Blank <0.01 Standard name C00-046-705_X_1000 Result 1.09 Accuracy 91% Limit 0.800 - 1.200
Total Suspended Solids mg/L	Blank <1 Standard name STD-MES 25mg/L Result 22 Accuracy 88% Limit 19 - 31
Mercury (Hg) mg/L	Blank <0.00001

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Quality control Report

Lab number: V-67394

Sample name: ST-EEM-2 WLE

Sampling date: August 29, 2017

Sampling location: ST-EEM-2a WLE N65 04.11,9W95 59.52,7

Sampling hour: 08:00

Parameter	
	Standard name DMR-0343-2017-HgEu
	Result 0.00042
	Accuracy 60%
	Limit 0.00042 - 0.00098
Molybdenum (Mo) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0925
	Accuracy 92.5%
	Limit 0.0800 - 0.1200
Ammonia NH3 (non-ionized) mg N/L	Blank <0.01
Nickel (Ni) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0981
	Accuracy 98.1%
	Limit 0.0800 - 0.1200
Nitrate (NO3) mg N/L	Blank <0.01
Lead (Pb) mg/L	Blank <0.0003
	Standard name C00-046-705_X_1000
	Result 0.0907
	Accuracy 90.7%
	Limit 0.0800 - 0.1200
Selenium (Se) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.097
	Accuracy 97%
	Limit 0.0800 - 0.1200
Zinc (Zn) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.105
	Accuracy 95%
	Limit 0.0800 - 0.1200

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Additional information

Lab number: V-67394

Sample name: ST-EEM-2 WLE

Sampling location: ST-EEM-2a WLE N65 04.11,9W95 59.52,7

Sampling date: August 29, 2017

Sampling hour: 08:00

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-NITR-2.0	MA.300-NO3 2.0
M-CN-1.0	MA.300-CN 1.2
M-SOLI-1.0	MA.104-S.S. 1.1

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-67390

Sampling location: ST-EEM-2aTPS N65 04.11,9W95 59.52,7

Sampling date: August 29, 2017

Sample name: ST-10/ST-MMER-2

Sampling hour: 08:00

Sampled by: Pat A. Eric F.

Date received: August 30, 2017

Matrix: Water

Drinking water distribution: **Vault**

Reported on: September 28, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

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Analytical Report

Lab number: V-67390

Sample name: ST-10/ST-MMER-2

Sampling date: August 29, 2017

Sampling location: ST-EEM-2aTPS N65 04.11,9W95 59.52,7

Sampling hour: 08:00

Parameter	Result	Method name	Analysis date
Alkalinity	54 mg CaCO ₃ /L	M-TIT-1.0	August 30, 2017
Aluminium (Al)	0.389 mg/L	Sous-traitance\Multilab Direct	September 11, 2017
Dissolved Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	September 11, 2017
Antimony (Sb)	0.0024 mg/L	Sous-traitance\Multilab Direct	September 11, 2017
Dissolved Antimony (Sb)	0.0027 mg/L	Sous-traitance\Multilab Direct	September 11, 2017
Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 11, 2017
Dissolved Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 11, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	1.82 mg N/L	Sous-traitance\Multilab Direct	August 31, 2017
Kjeldahl nitrogen	2.50 mg N/L	Sous-traitance\Multilab Direct	September 06, 2017
Barium (Ba)	0.0309 mg/L	Sous-traitance\Multilab Direct	September 11, 2017
Dissolved Barium (Ba)	0.0294 mg/L	Sous-traitance\Multilab Direct	September 11, 2017
Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 11, 2017
Dissolved Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 11, 2017
bicarbonate (HCO ₃)	54 mg CaCO ₃ /L	M-TIT-1.0	August 30, 2017
Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 11, 2017
Dissolved Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 11, 2017
Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	September 11, 2017
Dissolved Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	September 11, 2017
Calcium (Ca)	42.0 mg/L	Sous-traitance\Multilab Direct	September 11, 2017
Carbonate (CO ₃)	<2 mg CaCO ₃ /L	M-TIT-1.0	August 30, 2017
Dissolved Organic Carbon (D.O.C.)	5.3 mg/L	M-COT-1.0	August 30, 2017
Total Organic Carbon (T.O.C.)	5.3 mg/L	M-COT-1.0	August 30, 2017
Chloride	11.4 mg/L	Sous-traitance\Multilab Direct	September 01, 2017
Chrome (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	September 11, 2017
Dissolved Chromium (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	September 11, 2017
Copper (Cu)	0.0030 mg/L	Sous-traitance\Multilab Direct	September 11, 2017
Dissolved Copper (Cu)	0.0018 mg/L	Sous-traitance\Multilab Direct	September 11, 2017
Total Cyanide (CNT)	0.014 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Hardness	151 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	September 11, 2017
Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 11, 2017
dissolved Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 11, 2017
Iron (Fe)	0.47 mg/L	Sous-traitance\Multilab Direct	September 11, 2017
Dissolved Iron (Fe)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 11, 2017
Hydrocarbons (C10-C50)	<0.1 mg/L	M-HYD-2.0	September 27, 2017
Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	September 19, 2017
Dissolved Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	September 19, 2017
Total Suspended Solids	11 mg/L	M-SOLI-1.0	August 31, 2017
Magnesium (Mg)	11.4 mg/L	Sous-traitance\Multilab Direct	September 11, 2017
Manganese (Mn)	0.0551 mg/L	Sous-traitance\Multilab Direct	September 11, 2017
Dissolved Manganese (Mn)	0.0397 mg/L	Sous-traitance\Multilab Direct	September 11, 2017

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Analytical Report

Lab number: V-67390

Sample name: ST-10/ST-MMER-2

Sampling date: August 29, 2017

Sampling location: ST-EEM-2aTPS N65 04.11,9W95 59.52,7

Sampling hour: 08:00

Parameter	Result	Method name	Analysis date
Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	September 12, 2017
Dissolved Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	September 12, 2017
Molybdenum (Mo)	0.0198 mg/L	Sous-traitance\Multilab Direct	September 11, 2017
Dissolved Molybdenum (Mo)	0.0208 mg/L	Sous-traitance\Multilab Direct	September 11, 2017
Ammonia NH3 (non-ionized)	0.03 mg N/L	Sous-traitance\Multilab Direct	August 31, 2017
Nickel (Ni)	0.0045 mg/L	Sous-traitance\Multilab Direct	September 11, 2017
Dissolved Nickel (Ni)	0.0034 mg/L	Sous-traitance\Multilab Direct	September 11, 2017
Nitrate (NO3)	6.34 mg N/L	Sous-traitance\Multilab Direct	September 01, 2017
Nitrite (NO2)	0.07 mg N/L	Sous-traitance\Multilab Direct	September 01, 2017
Ortho-Phosphate (O-PO4)	<0.01 mg P/L	Sous-traitance\Multilab Direct	August 31, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	September 11, 2017
Dissolved Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	September 11, 2017
Potassium (K)	4.54 mg/L	Sous-traitance\Multilab Direct	September 11, 2017
Radium (Ra 226)	0.019 Becquerels/L	M-RA-2.0	September 08, 2017
Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 11, 2017
Dissolved Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 11, 2017
Reactive silica (SiO2)	1.3 mg/L	Sous-traitance\Maxxam	September 05, 2017
Sodium (Na)	6.68 mg/L	Sous-traitance\Multilab Direct	September 11, 2017
Dissolved Solids	234 mg/L	M-TIT-1.0	August 30, 2017
Strontium (Sr)	0.338 mg/L	Sous-traitance\Multilab Direct	September 19, 2017
dissolved Strontium (Sr)	0.356 mg/L	Sous-traitance\Multilab Direct	September 19, 2017
Sulfate (SO4)	70.5 mg SO4/L	Sous-traitance\Multilab Direct	September 01, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	September 19, 2017
Dissolved thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	September 19, 2017
Titanium (Ti)	0.05 mg/L	Sous-traitance\Multilab Direct	September 11, 2017
Dissolved titanium (Ti)	0.03 mg/L	Sous-traitance\Multilab Direct	September 11, 2017
Uranium (U)	0.005 mg/L	Sous-traitance\Multilab Direct	September 11, 2017
Dissolved Uranium (U)	0.005 mg/L	Sous-traitance\Multilab Direct	September 11, 2017
Vanadium (V)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 11, 2017
Dissolved Vanadium	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 11, 2017
Zinc (Zn)	0.001 mg/L	Sous-traitance\Multilab Direct	September 11, 2017
Dissolved Zinc	<0.001 mg/L	Sous-traitance\Multilab Direct	September 11, 2017
Total Phosphorus (P)	0.06 mg P/L	Sous-traitance\H2Lab inc. (SAM)	September 06, 2017

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Detection limit

Lab number: V-67390

Sample name: ST-10/ST-MMER-2

Sampling date: August 29, 2017

Sampling location: ST-EEM-2aTPS N65 04.11,9W95 59.52,7

Sampling hour: 08:00

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO ₃ /L	M-TIT-1.0	
Aluminium (Al)	0.003	mg/L	Sous-traitance	
Dissolved Aluminium (Al)	0.003	mg/L	Sous-traitance	
Antimony (Sb)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Antimony (Sb)	0.0001	mg/L	Sous-traitance	
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Arsenic (As)	0.0005	mg/L	Sous-traitance	
Ammonia nitrogen (NH ₃ -NH ₄)	0.01	mg N/L	Sous-traitance	Yes
Kjeldahl nitrogen	0.05	mg N/L	Sous-traitance	Yes
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Barium (Ba)	0.0005	mg/L	Sous-traitance	
Beryllium (Be)	0.0005	mg/L	Sous-traitance	
Dissolved Beryllium (Be)	0.0005	mg/L	Sous-traitance	
bicarbonate (HCO ₃)	2	mg CaCO ₃ /L	M-TIT-1.0	
Boron (B)	0.01	mg/L	Sous-traitance	Yes
Dissolved Boron (B)	0.006	mg/L	Sous-traitance	
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Dissolved Cadmium (Cd)	0.00002	mg/L	Sous-traitance	
Calcium (Ca)	0.03	mg/L	Sous-traitance	Yes
Carbonate (CO ₃)	2	mg CaCO ₃ /L	M-TIT-1.0	
Dissolved Organic Carbon (D.O.C.)	0.2	mg/L	M-COT-1.0	--
Total Organic Carbon (T.O.C.)	0.2	mg/L	M-COT-1.0	Yes
Chloride	0.5	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Dissolved Chromium (Cr)	0.0006	mg/L	Sous-traitance	
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Copper (Cu)	0.0005	mg/L	Sous-traitance	
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO ₃ /L	Sous-traitance	
Tin (Sn)	0.001	mg/L	Sous-traitance	Yes
dissolved Tin (Sn)	0.001	mg/L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes
Dissolved Iron (Fe)	0.01	mg/L	Sous-traitance	
Hydrocarbons (C10-C50)	0.1	mg/L	M-HYD-2.0	Yes
Lithium (Li)	0.005	mg/L	Sous-traitance	
Dissolved Lithium (Li)	0.005	mg/L	Sous-traitance	
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Magnesium (Mg)	0.02	mg/L	Sous-traitance	Yes
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Manganese (Mn)	0.0003	mg/L	Sous-traitance	

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Detection limit

Lab number: V-67390

Sample name: ST-10/ST-MMER-2

Sampling date: August 29, 2017

Sampling location: ST-EEM-2aTPS N65 04.11,9W95 59.52,7

Sampling hour: 08:00

Parameter	Value	Unit	Method	Accreditation
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Dissolved Mercury (Hg)	0.00001	mg/L	Sous-traitance	
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	
Ammonia NH3 (non-ionized)	0.01	mg N/L	Sous-traitance	-
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Nickel (Ni)	0.0005	mg/L	Sous-traitance	
Nitrate (NO3)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO2)	0.01	mg N/L	Sous-traitance	Yes
Ortho-Phosphate (O-PO4)	0.01	mg P/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Dissolved Lead (Pb)	0.0003	mg/L	Sous-traitance	
Potassium (K)	0.05	mg/L	Sous-traitance	
Radium (Ra 226)	0.002	Becquerels/L	M-RA-2.0	Yes
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Dissolved Selenium (Se)	0.001	mg/L	Sous-traitance	
Reactive silica (SiO2)		mg/L	Sous-traitance	
Sodium (Na)	0.05	mg/L	Sous-traitance	Yes
Dissolved Solids	1	mg/L	M-TIT-1.0	
Strontium (Sr)	0.005	mg/L	Sous-traitance	
dissolved Strontium (Sr)	0.005	mg/L	Sous-traitance	
Sulfate (SO4)	0.6	mg SO4/L	Sous-traitance	Yes
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Dissolved thallium (Tl)	0.0008	mg/L	Sous-traitance	
Titanium (Ti)	0.01	mg/L	Sous-traitance	
Dissolved titanium (Ti)	0.01	mg/L	Sous-traitance	
Uranium (U)	0.001	mg/L	Sous-traitance	
Dissolved Uranium (U)	0.001	mg/L	Sous-traitance	
Vanadium (V)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Vanadium	0.0005	mg/L	Sous-traitance	
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes
Dissolved Zinc	0.001	mg/L	Sous-traitance	
Total Phosphorus (P)	0.04	mg P/L	Sous-traitance	

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Quality control Report

Lab number: V-67390

Sample name: ST-10/ST-MMER-2

Sampling date: August 29, 2017

Sampling location: ST-EEM-2aTPS N65 04.11,9W95 59.52,7

Sampling hour: 08:00

Parameter	
Alkalinity mg CaCO3/L	Standard name STD alcalinité Result 141 Accuracy 97.2% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006 Standard name C00-046-705_X_1000 Result 1.18 Accuracy 82% Limit 0.800 - 1.200 Sample duplicate 0.389-0.406
Dissolved Aluminium (Al) mg/L	Blank <0.006 Standard name C00-046-705_X_1000 Result 1.05 Accuracy 95% Limit 0.800 - 1.200
Antimony (Sb) mg/L	Blank <0.0001 Standard name C00-046-705_X_1000 Result 0.0100 Accuracy 100% Limit 0.0080 - 0.0120 Sample duplicate 0.0024-0.0023
Dissolved Antimony (Sb) mg/L	Blank <0.0001 Standard name C00-046-705_X_1000 Result 0.0109 Accuracy 91% Limit 0.0080 - 0.0120
Arsenic (As) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0907 Accuracy 90.7% Limit 0.0700 - 0.1300 Sample duplicate <0.0005-<0.0005
Dissolved Arsenic (As) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0975 Accuracy 97.5% Limit 0.0800 - 0.1200
Ammonia nitrogen (NH3-NH4) m	Blank <0.01 Standard name DMR-0417-2017-NH3-NH4 Result 2.24

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Quality control Report

Lab number: V-67390

Sample name: ST-10/ST-MMER-2

Sampling date: August 29, 2017

Sampling location: ST-EEM-2aTPS N65 04.11,9W95 59.52,7

Sampling hour: 08:00

Parameter

Kjeldahl nitrogen mg N/L
Accuracy 94.8%
Limit 1.81 - 2.45
Blank 0.20
Standard name DMR-0417-2017-NTK
Result 5.68

Barium (Ba) mg/L
Accuracy 99.8%
Limit 4.82 - 6.52
Blank <0.0005
Standard name C00-046-705_X_1000
Result 0.0921

Dissolved Barium (Ba) mg/L
Accuracy 92.1%
Limit 0.0800 - 0.1200
Sample duplicate 0.0309-0.0284
Blank <0.0005
Standard name C00-046-705_X_1000
Result 0.0969

Beryllium (Be) mg/L
Accuracy 96.9%
Limit 0.0800 - 0.1200
Blank <0.0005
Standard name C00-046-705_X_1000
Result 0.1132

Dissolved Beryllium (Be) mg/L
Accuracy 86.8%
Limit 0.0800 - 0.1200
Sample duplicate <0.0005-<0.0005
Blank <0.0005
Standard name C00-046-705_X_1000
Result 0.1089

Boron (B) mg/L
Accuracy 91.1%
Limit 0.0800 - 0.1200
Blank <0.01
Standard name C00-046-705_X_1000
Result 1.11

Dissolved Boron (B) mg/L
Accuracy 89%
Limit 0.800 - 1.200
Sample duplicate <0.01-<0.01
Blank <0.01
Standard name C00-046-705_X_1000
Result 1.05

Dissolved Boron (B) mg/L
Accuracy 95%
Limit 0.800 - 1.200

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Quality control Report

Lab number: V-67390

Sample name: ST-10/ST-MMER-2

Sampling date: August 29, 2017

Sampling location: ST-EEM-2aTPS N65 04.11,9W95 59.52,7

Sampling hour: 08:00

Parameter	
Cadmium (Cd) mg/L	Blank <0.00002
	Standard name C00-046-705_X_1000
	Result 0.09669
	Accuracy 96.7%
	Limit 0.0800 - 0.1200
	Sample duplicate <0.00002-<0.00002
Dissolved Cadmium (Cd) mg/L	Blank <0.00002
	Standard name C00-046-705_X_1000
	Result 0.10051
	Accuracy 99.5%
	Limit 0.0800 - 0.1200
	Sample duplicate <0.00002-<0.00002
Calcium (Ca) mg/L	Blank <0.03
	Standard name C00-046-705_X_1000
	Result 1.05
	Accuracy 95%
	Limit 0.800 - 1.200
	Sample duplicate 42.0-41.3
Dissolved Organic Carbon (D.O.C) mg/L	Blank <0.2
	Standard name COD 10mg/L
	Result 10
	Accuracy 100%
	Limit 8 - 12
	Sample duplicate 42.0-41.3
Total Organic Carbon (T.O.C.) mg/L	Blank <0.2
	Standard name COT 10mg/L
	Result 10
	Accuracy 100%
	Limit 8 - 12
	Sample duplicate 42.0-41.3
Chloride mg/L	Blank <0.5
	Standard name DMR-0417-2017-CI
	Result 111
	Accuracy 97.2%
	Limit 95 - 121
	Sample duplicate 42.0-41.3
Chrome (Cr) mg/L	Blank <0.0006
	Standard name C00-046-705_X_1000
	Result 0.0969
	Accuracy 96.9%
	Limit 0.0800 - 0.1200
	Sample duplicate <0.0006-0.0010
Dissolved Chromium (Cr) mg/L	Blank <0.0006
	Standard name C00-046-705_X_1000

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Quality control Report

Lab number: V-67390

Sample name: ST-10/ST-MMER-2

Sampling date: August 29, 2017

Sampling location: ST-EEM-2aTPS N65 04.11,9W95 59.52,7

Sampling hour: 08:00

Parameter	
Copper (Cu) mg/L	Result 0.0997
	Accuracy 99.7%
	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name C00-046-705_X_1000
Dissolved Copper (Cu) mg/L	Result 0.1011
	Accuracy 98.9%
	Limit 0.0800 - 0.1200
	Sample duplicate 0.0030-0.0030
	Blank <0.0005
Total Cyanide (CNT) mg/L	Standard name C00-046-705_X_1000
	Result 0.1035
	Accuracy 96.5%
	Limit 0.0800 - 0.1200
	Blank <0.001
Hardness mg CaCO3/L	Standard name DMR-0343-CN
	Result 1.22
	Accuracy 96.6%
	Limit 1.003 - 1.357
	Sample duplicate 151-151
Tin (Sn) mg/L	Blank <0.001
	Standard name DMR-0310-2016-Sn
	Result 7.46
	Accuracy 82.2%
	Limit 7.26 - 10.88
dissolved Tin (Sn) mg/L	Sample duplicate <0.001-<0.001
	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.099
	Accuracy 99%
Iron (Fe) mg/L	Limit 0.0700 - 0.1300
	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.09
	Accuracy 91%
Dissolved Iron (Fe) mg/L	Limit 0.800 - 1.200
	Sample duplicate 0.47-0.53
	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.18

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

This report shall not be reproduced except in full without the written authority of the laboratory.



Quality control Report

Lab number: V-67390

Sample name: ST-10/ST-MMER-2

Sampling date: August 29, 2017

Sampling location: ST-EEM-2aTPS N65 04.11,9W95 59.52,7

Sampling hour: 08:00

Parameter	
Hydrocarbons (C10-C50) mg/L	Accuracy 82%
	Limit 0.800 - 1.200
	Blank <0.1
	Standard name C10C50-200ppm
	Result 1.10
Hydrocarbons (C10-C50) mg/L	Accuracy 88%
	Limit 0.88 - 1.63
	Blank <0.1
	Standard name MR-0.625mg/L
	Result 0.500
Lithium (Li) mg/L	Accuracy 80%
	Limit 0.438 - 0.813
	Blank <0.005
	Standard name DMR-0476-2017-22-Eu
	Result 0.739
Dissolved Lithium (Li) mg/L	Accuracy 87.4%
	Limit 0.677 - 1.015
	Blank <0.005
	Standard name DMR-0476-2017-22-Eu
	Result 0.737
Total Suspended Solids mg/L	Accuracy 87.1%
	Limit 0.677 - 1.015
	Blank <1
	Standard name STD-MES 250mg/L
	Result 239
Total Suspended Solids mg/L	Accuracy 95.6%
	Limit 194 - 306
	Sample duplicate 11-14
	Standard name STD-MES 25mg/L
	Result 21
Magnesium (Mg) mg/L	Accuracy 84%
	Limit 19 - 31
	Blank <0.02
	Standard name C00-046-705_X_1000
	Result 1.20
Manganese (Mn) mg/L	Accuracy 80%
	Limit 0.800 - 1.200
	Sample duplicate 11.4-11.8
	Blank <0.0005
	Standard name C00-046-705_X_1000
Result 0.1089	

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Quality control Report

Lab number: V-67390

Sample name: ST-10/ST-MMER-2

Sampling date: August 29, 2017

Sampling location: ST-EEM-2aTPS N65 04.11,9W95 59.52,7

Sampling hour: 08:00

Parameter

	Accuracy 91.1%
	Limit 0.0800 - 0.1200
	Sample duplicate 0.0551-0.0531
Dissolved Manganese (Mn) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1010
	Accuracy 99%
	Limit 0.0800 - 0.1200
Mercury (Hg) mg/L	Blank <0.00001
	Standard name DMR-0343-2017-HgEu
	Result 0.00043
	Accuracy 61.4%
	Limit 0.00042 - 0.00098
Dissolved Mercury (Hg) mg/L	Blank <0.00001
	Standard name DMR-0343-2017-HgEu
	Result 0.00048
	Accuracy 68.6%
	Limit 0.00042 - 0.00098
	Sample duplicate <0.00001-0.00001
Molybdenum (Mo) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0925
	Accuracy 92.5%
	Limit 0.0800 - 0.1200
	Sample duplicate 0.0198-0.0188
Dissolved Molybdenum (Mo) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0952
	Accuracy 95.2%
	Limit 0.0800 - 0.1200
Ammonia NH3 (non-ionized) mg	Blank <0.01
Nickel (Ni) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0981
	Accuracy 98.1%
	Limit 0.0800 - 0.1200
	Sample duplicate 0.0045-0.0045
Dissolved Nickel (Ni) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0979

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Quality control Report

Lab number: V-67390

Sample name: ST-10/ST-MMER-2

Sampling date: August 29, 2017

Sampling location: ST-EEM-2aTPS N65 04.11,9W95 59.52,7

Sampling hour: 08:00

Parameter	
	Accuracy 97.9%
	Limit 0.0800 - 0.1200
Nitrate (NO3) mg N/L	Blank <0.01
Nitrite (NO2) mg N/L	Blank <0.01
	Standard name DMR-0417-2017-NO2
	Result 2.73
	Accuracy 99.3%
	Limit 2.30 - 3.12
Ortho-Phosphate (O-PO4) mg P/	Blank <0.01
	Standard name DMR-0417-2017-OPO4
	Result 3.02
	Accuracy 94.7%
	Limit 2.81 - 3.57
Lead (Pb) mg/L	Blank <0.0003
	Standard name C00-046-705_X_1000
	Result 0.0907
	Accuracy 90.7%
	Limit 0.0800 - 0.1200
Dissolved Lead (Pb) mg/L	Sample duplicate <0.0003-<0.0003
	Blank <0.0003
	Standard name C00-046-705_X_1000
	Result 0.1048
	Accuracy 95.2%
	Limit 0.0800 - 0.1200
Potassium (K) mg/L	Blank <0.05
	Standard name C00-046-705_X_1000
	Result 0.89
	Accuracy 89%
	Limit 0.800 - 1.200
	Sample duplicate 4.54-4.46
Radium (Ra 226) Becquerels/L	Blank <0.002
	Standard name STD 54982
	Result 0.064
	Accuracy 92.8%
	Limit 0.059 - 0.079
Selenium (Se) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.097
	Accuracy 97%
	Limit 0.0800 - 0.1200

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Quality control Report

Lab number: V-67390

Sample name: ST-10/ST-MMER-2

Sampling date: August 29, 2017

Sampling location: ST-EEM-2aTPS N65 04.11,9W95 59.52,7

Sampling hour: 08:00

Parameter	
Dissolved Selenium (Se) mg/L	Sample duplicate <0.001-<0.001
	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.101
	Accuracy 99%
Sodium (Na) mg/L	Limit 0.0800 - 0.1200
	Blank <0.05
	Standard name C00-046-705_X_1000
	Result 1.17
	Accuracy 83%
Strontium (Sr) mg/L	Limit 0.800 - 1.200
	Sample duplicate 6.68-6.59
	Blank <0.005
	Standard name DMR-0476-2017-22-Eu
	Result 1.25
dissolved Strontium (Sr) mg/L	Accuracy 98.4%
	Limit 0.98 - 1.48
	Blank <0.005
	Standard name DMR-0476-2017-22-Eu
	Result 1.23
Sulfate (SO4) mg SO4/L	Accuracy 100%
	Limit 0.98 - 1.48
	Blank <0.6
	Standard name DMR-0417-2017-SO4
	Result 120
Thallium (Tl) mg/L	Accuracy 97.6%
	Limit 114 - 132
	Blank <0.0008
	Standard name Tl-S140909023-1000ppm
	Result 1033
Dissolved thallium (Tl) mg/L	Accuracy 96.7%
	Limit 800 - 1200
	Blank <0.0008
	Standard name Tl-S140909023-1000ppm
	Result 1047
Titanium (Ti) mg/L	Accuracy 95.3%
	Limit 800 - 1200
	Blank <0.01
	Sample duplicate 0.05-0.06
	Dissolved titanium (Ti) mg/L Blank <0.01

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Quality control Report

Lab number: V-67390

Sample name: ST-10/ST-MMER-2

Sampling date: August 29, 2017

Sampling location: ST-EEM-2aTPS N65 04.11,9W95 59.52,7

Sampling hour: 08:00

Parameter

Uranium (U) mg/L
Blank <0.001
Standard name C00-046-705_X_1000
Result 0.100
Accuracy 100%
Limit 0.0800 - 0.1200

Sample duplicate 0.005-0.005

Dissolved Uranium (U) mg/L
Blank <0.001
Standard name C00-046-705_X_1000
Result 0.103
Accuracy 97%
Limit 0.0800 - 0.1200

Vanadium (V) mg/L
Blank <0.0005
Standard name C00-046-705_X_1000
Result 0.0942
Accuracy 94.2%
Limit 0.0800 - 0.1200

Sample duplicate <0.0005-<0.0005

Dissolved Vanadium mg/L
Blank <0.0005
Standard name C00-046-705_X_1000
Result 0.0961
Accuracy 96.1%
Limit 0.0800 - 0.1200

Zinc (Zn) mg/L
Blank <0.001
Standard name C00-046-705_X_1000
Result 0.105
Accuracy 95%
Limit 0.0800 - 0.1200

Sample duplicate 0.001-<0.001

Dissolved Zinc mg/L
Blank <0.001
Standard name C00-046-705_X_1000
Result 0.107
Accuracy 93%
Limit 0.0800 - 0.1200

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Additional information

Lab number: V-67390

Sample name: ST-10/ST-MMER-2

Sampling date: August 29, 2017

Sampling location: ST-EEM-2aTPS N65 04.11,9W95 59.52,7

Sampling hour: 08:00

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-NH3-2.0	MA.300-N 2.0
M-CL-2.0	MA.300-Ions 1.3
M-CN-1.0	MA.300-CN 1.2
M-HYD-2.0	MA.400-HYD. 1.1
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-P-2.0	MA.303-P 1.1
M-RA-2.0	APHA 7500-Ra B et EPA P.13 (EMSL-CI)
M-SULF-2.0	MA.300-Ions 1.3

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-61967

Sampling location: STP-IN

Sampling date: January 09, 2017

Sample name: STP-IN

Sampling hour: 08:15

Sampled by: Jamie Kataluk

Date received: January 10, 2017

Matrix: Waste Water

Drinking water distribution:

Reported on: January 18, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Lab number: V-61967

Sample name: STP-IN

Sampling location: STP-IN

Sampling date: January 09, 2017

Sampling hour: 08:15

Parameter	Result	Method name	Analysis date
Ammonia nitrogen (NH ₃ -NH ₄)	63.2 mg N/L	Sous-traitance\Multilab Direct	January 13, 2017
Kjeldahl nitrogen	72.3 mg N/L	Sous-traitance\Multilab Direct	January 17, 2017
BOD-5	216 mg/L	Sous-traitance\Bio-Services Inc.	January 12, 2017
COD	399 mg/L	Sous-traitance\Multilab Direct	January 17, 2017
Total Suspended Solids	48 mg/L	M-SOLI-1.0	January 11, 2017
Ammonia NH ₃ (non-ionized)	1.03 mg N/L	Sous-traitance\Multilab Direct	January 13, 2017
Nitrate (NO ₃)	0.02 mg N/L	Sous-traitance\Multilab Direct	January 12, 2017
Nitrite (NO ₂)	0.02 mg N/L	Sous-traitance\Multilab Direct	January 12, 2017
pH	7.92	M-TIT-1.0	January 10, 2017
Total Phosphorus (P)	7.89 mg P/L	Sous-traitance\Multilab Direct	January 12, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Detection limit

Lab number: V-61967

Sample name: STP-IN

Sampling location: STP-IN

Sampling date: January 09, 2017

Sampling hour: 08:15

Parameter	Value	Unit	Method	Accreditation
Ammonia nitrogen (NH ₃ -NH ₄)	0.01	mg N/L	Sous-traitance	Yes
Kjeldahl nitrogen	0.05	mg N/L	Sous-traitance	Yes
BOD-5	1	mg/L	Sous-traitance	
COD	2	mg/L	Sous-traitance	Yes
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Ammonia NH ₃ (non-ionized)	0.01	mg N/L	Sous-traitance	-
Nitrate (NO ₃)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO ₂)	0.01	mg N/L	Sous-traitance	Yes
pH			M-TIT-1.0	Yes
Total Phosphorus (P)	0.01	mg P/L	Sous-traitance	Yes

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Quality control Report

Lab number: V-61967

Sample name: STP-IN

Sampling location: STP-IN

Sampling date: January 09, 2017

Sampling hour: 08:15

Parameter	
Ammonia nitrogen (NH ₃ -NH ₄) m	Blank <0.01
	Standard name DMR-0564-2016-NH3
	Result 2.28
	Accuracy 93%
	Limit 1.81 - 2.45
Kjeldahl nitrogen mg N/L	Blank <0.05
COD mg/L	Blank <2
	Standard name Dmr-581-2016-1-DCO
	Result 48
	Accuracy 94.1%
	Limit 40 - 62
Total Suspended Solids mg/L	Blank <1
	Standard name STD-MES 25mg/L
	Result 24
	Accuracy 96%
	Limit 19 - 31
Ammonia NH ₃ (non-ionized) mg	Blank <0.01
Nitrate (NO ₃) mg N/L	Blank <0.01
Nitrite (NO ₂) mg N/L	Blank <0.01
	Standard name DMR-0634-2016-NO2
	Result 1.92
	Accuracy 95%
	Limit 1.72 - 2.32
pH	Standard name STD pH 7.0
	Result 7.04
	Accuracy 99.4%
	Limit 6.96 - 7.04
Total Phosphorus (P) mg P/L	Blank <0.01
	Standard name DMR-0581-2016-Ptotal-2
	Result 1.17
	Accuracy 100%
	Limit 1.03 - 1.31

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Additional information

Lab number: V-61967
Sample name: STP-IN
Sampling location: STP-IN

Sampling date: January 09, 2017
Sampling hour: 08:15

Lab method	Method reference
M-NH3-2.0	MA.300-N 2.0
M-DCO-1.0	MA.315-DCO 1.1
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-TIT-1.0	MA.303-Titr Auto 2.0
M-P-3.0	MA. 315-P 2.0

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-67565

Sampling location: ST-S-5

Sampling date: September 03, 2017

Sample name: ST-S-5 DUP

Sampling hour: 12:00

Sampled by: Martin Theriault/PA

Date received: September 05, 2017

Matrix: Water

Reported on: September 26, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Lab number: V-67565

Sample name: ST-S-5 DUP

Sampling location: ST-S-5

Sampling date: September 03, 2017

Sampling hour: 12:00

Parameter	Result	Method name	Analysis date
Acidity	11 mg CaCO ₃ /L	M-TIT-1.0	September 06, 2017
Alkalinity	121 mg CaCO ₃ /L	M-TIT-1.0	September 06, 2017
Aluminium (Al)	0.054 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Dissolved Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Dissolved Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Arsenic (As)	0.0209 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Dissolved Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	31 mg N/L	Sous-traitance\H2Lab inc. (SAM)	September 12, 2017
Barium (Ba)	0.0265 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Dissolved Barium (Ba)	0.0232 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Cadmium (Cd)	0.00068 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Dissolved Cadmium (Cd)	0.00063 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Dissolved Organic Carbon (D.O.C.)	43.3 mg/L	M-COT-1.0	September 06, 2017
Chloride	589 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Chrome (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Dissolved Chromium (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Copper (Cu)	0.0029 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Dissolved Copper (Cu)	0.0026 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Cyanide W.A.D.	0.051 mg/L	Sous-traitance\Multilab Direct	September 13, 2017
Total Cyanide (CNT)	0.091 mg/L	Sous-traitance\Multilab Direct	September 13, 2017
Hardness	927 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	September 14, 2017
Iron (Fe)	1.70 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Dissolved Iron (Fe)	0.02 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Ferrous Iron (Fe 2+)	0.03 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Ferric Iron (Fe 3+)	0.20 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Fluoride (F)	0.40 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Total Suspended Solids	2 mg/L	M-SOLI-1.0	September 07, 2017
Manganese (Mn)	1.978 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Dissolved Manganese (Mn)	1.886 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Mercury (Hg)	0.00013 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Dissolved Mercury (Hg)	0.00005 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Molybdenum (Mo)	0.2645 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Dissolved Molybdenum (Mo)	0.2571 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Ammonia NH ₃ (non-ionized)	0.26 mg N/L	Sous-traitance\H2Lab inc. (SAM)	September 18, 2017
Nickel (Ni)	0.0155 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Dissolved Nickel (Ni)	0.0148 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Nitrate (NO ₃)	0.17 mg N/L	Sous-traitance\Multilab Direct	September 07, 2017
Nitrite (NO ₂)	0.03 mg N/L	Sous-traitance\Multilab Direct	September 07, 2017
Dissolved oxygen	9.1 mg/L	Sous-traitance\Multilab Direct	September 07, 2017

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Analytical Report

Lab number: V-67565

Sample name: ST-S-5 DUP

Sampling date: September 03, 2017

Sampling location: ST-S-5

Sampling hour: 12:00

Parameter	Result	Method name	Analysis date
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Dissolved Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Selenium (Se)	0.008 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Dissolved Selenium (Se)	0.009 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Dissolved Solids	2596 mg/L	M-TIT-1.0	September 06, 2017
Sulfate (SO4)	1719 mg SO4/L	Sous-traitance\Multilab Direct	September 07, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	September 13, 2017
Dissolved thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	September 19, 2017
Zinc (Zn)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Dissolved Zinc	0.001 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Total Phosphorus (P)	0.07 mg P/L	Sous-traitance\H2Lab inc. (SAM)	September 13, 2017

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Detection limit

Lab number: V-67565

Sample name: ST-S-5 DUP

Sampling date: September 03, 2017

Sampling location: ST-S-5

Sampling hour: 12:00

Parameter	Value	Unit	Method	Accreditation
Acidity	2	mg CaCO ₃ /L	M-TIT-1.0	
Alkalinity	2	mg CaCO ₃ /L	M-TIT-1.0	
Aluminium (Al)	0.003	mg/L	Sous-traitance	
Dissolved Aluminium (Al)	0.003	mg/L	Sous-traitance	
Silver (Ag)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Silver (Ag)	0.0001	mg/L	Sous-traitance	
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Arsenic (As)	0.0005	mg/L	Sous-traitance	
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Barium (Ba)	0.0005	mg/L	Sous-traitance	
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Dissolved Cadmium (Cd)	0.00002	mg/L	Sous-traitance	
Dissolved Organic Carbon (D.O.C.)	0.2	mg/L	M-COT-1.0	--
Chloride	0.5	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Dissolved Chromium (Cr)	0.0006	mg/L	Sous-traitance	
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Copper (Cu)	0.0005	mg/L	Sous-traitance	
Cyanide W.A.D.	0.001	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO ₃ /L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes
Dissolved Iron (Fe)	0.01	mg/L	Sous-traitance	
Ferrous Iron (Fe 2+)		mg/L	Sous-traitance	
Ferric Iron (Fe 3+)		mg/L	Sous-traitance	
Fluoride (F)	0.01	mg/L	Sous-traitance	Yes
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Manganese (Mn)	0.0003	mg/L	Sous-traitance	
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Dissolved Mercury (Hg)	0.00001	mg/L	Sous-traitance	
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Nickel (Ni)	0.0005	mg/L	Sous-traitance	
Nitrate (NO ₃)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO ₂)	0.01	mg N/L	Sous-traitance	Yes
Dissolved oxygen	0.1	mg/L	Sous-traitance	
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Dissolved Lead (Pb)	0.0003	mg/L	Sous-traitance	

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Detection limit

Lab number: V-67565

Sample name: ST-S-5 DUP

Sampling date: September 03, 2017

Sampling location: ST-S-5

Sampling hour: 12:00

Parameter	Value	Unit	Method	Accreditation
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Dissolved Selenium (Se)	0.001	mg/L	Sous-traitance	
Dissolved Solids	1	mg/L	M-TIT-1.0	
Sulfate (SO4)	0.6	mg SO4/L	Sous-traitance	Yes
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Dissolved thallium (Tl)	0.0008	mg/L	Sous-traitance	
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes
Dissolved Zinc	0.001	mg/L	Sous-traitance	
Total Phosphorus (P)	0.04	mg P/L	Sous-traitance	

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Quality control Report

Lab number: V-67565

Sample name: ST-S-5 DUP

Sampling location: ST-S-5

Sampling date: September 03, 2017

Sampling hour: 12:00

Parameter	
Acidity mg CaCO ₃ /L	Standard name STD acidité Result 255 Accuracy 98% Limit 213 - 288
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 144 Accuracy 99.3% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006 Standard name C00-046-705_X_1000 Result 0.923 Accuracy 92.3% Limit 0.800 - 1.200
Dissolved Aluminium (Al) mg/L	Blank <0.006 Standard name C00-046-705_X_1000 Result 0.871 Accuracy 87.1% Limit 0.800 - 1.200
Silver (Ag) mg/L	Blank <0.0001
Dissolved Silver (Ag) mg/L	Blank <0.0001
Arsenic (As) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0894 Accuracy 89.4% Limit 0.0700 - 0.1300
Dissolved Arsenic (As) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0844 Accuracy 84.4% Limit 0.0800 - 0.1200
Barium (Ba) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0947 Accuracy 94.7% Limit 0.0800 - 0.1200
Dissolved Barium (Ba) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0957 Accuracy 95.7% Limit 0.0800 - 0.1200

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Quality control Report

Lab number: V-67565

Sample name: ST-S-5 DUP

Sampling location: ST-S-5

Sampling date: September 03, 2017

Sampling hour: 12:00

Parameter	
Cadmium (Cd) mg/L	Blank <0.00002 Standard name C00-046-705_X_1000 Result 0.08875 Accuracy 88.7% Limit 0.0800 - 0.1200
Dissolved Cadmium (Cd) mg/L	Blank <0.00002 Standard name C00-046-705_X_1000 Result 0.08660 Accuracy 86.6% Limit 0.0800 - 0.1200
Dissolved Organic Carbon (D.O.C.) mg/L	Blank 0.2 Standard name COD 10mg/L Result 10 Accuracy 100% Limit 8 - 12
Chloride mg/L	Blank <0.5 Standard name DMR-0417-2017-Cl Result 119 Accuracy 89.8% Limit 95 - 121
Chrome (Cr) mg/L	Blank <0.0006 Standard name C00-046-705_X_1000 Result 0.0910 Accuracy 91% Limit 0.0800 - 0.1200
Dissolved Chromium (Cr) mg/L	Blank <0.0006 Standard name C00-046-705_X_1000 Result 0.0868 Accuracy 86.8% Limit 0.0800 - 0.1200
Copper (Cu) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0959 Accuracy 95.9% Limit 0.0800 - 0.1200
Dissolved Copper (Cu) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0912 Accuracy 91.2% Limit 0.0800 - 0.1200

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Quality control Report

Lab number: V-67565

Sample name: ST-S-5 DUP

Sampling location: ST-S-5

Sampling date: September 03, 2017

Sampling hour: 12:00

Parameter	
Cyanide W.A.D. mg/L	Blank <0.001 Standard name DMR-0343-CN Result 0.869 Accuracy 98.4% Limit 0.751 - 1.015
Total Cyanide (CNT) mg/L	Blank <0.001 Standard name DMR-0343-CN Result 1.15 Accuracy 97.5% Limit 1.003 - 1.357
Iron (Fe) mg/L	Blank <0.01 Standard name C00-046-705_X_1000 Result 0.99 Accuracy 99% Limit 0.800 - 1.200
Dissolved Iron (Fe) mg/L	Blank <0.01 Standard name C00-046-705_X_1000 Result 0.96 Accuracy 96% Limit 0.800 - 1.200
Ferrous Iron (Fe 2+) mg/L	Blank <0.01 Standard name Maison-Fe+-0.5ppm Result 0.60 Accuracy 80% Limit 0.4 - 0.6
Ferric Iron (Fe 3+) mg/L	Blank <0.01
Fluoride (F) mg/L	Blank <0.02 Standard name Controle maison 2 ppm F Result 2.11 Accuracy 94.5% Limit 1.85 - 2.15
Total Suspended Solids mg/L	Blank <1 Standard name STD-MES 25mg/L Result 24 Accuracy 96% Limit 19 - 31
Manganese (Mn) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0944 Accuracy 94.4%

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Quality control Report

Lab number: V-67565

Sample name: ST-S-5 DUP

Sampling location: ST-S-5

Sampling date: September 03, 2017

Sampling hour: 12:00

Parameter	
Dissolved Manganese (Mn) mg/L	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0915
	Accuracy 91.5%
Mercury (Hg) mg/L	Limit 0.0800 - 0.1200
	Blank <0.00001
	Standard name DMR-0343-2017-HgEu
	Result 0.00056
	Accuracy 80%
Dissolved Mercury (Hg) mg/L	Limit 0.00042 - 0.00098
	Blank <0.00001
	Standard name DMR-0343-2017-HgEu
	Result 0.00047
	Accuracy 67.1%
Molybdenum (Mo) mg/L	Limit 0.00042 - 0.00098
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0869
	Accuracy 86.9%
Dissolved Molybdenum (Mo) mg/L	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0850
	Accuracy 85%
Nickel (Ni) mg/L	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0929
	Accuracy 92.9%
Dissolved Nickel (Ni) mg/L	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0886
	Accuracy 88.6%
Nitrate (NO3) mg N/L	Limit 0.0800 - 0.1200
	Blank <0.01
Nitrite (NO2) mg N/L	Blank <0.01
	Standard name DMR-0417-2017-NO2
	Result 2.74

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Quality control Report

Lab number: V-67565

Sample name: ST-S-5 DUP

Sampling location: ST-S-5

Sampling date: September 03, 2017

Sampling hour: 12:00

Parameter	
Lead (Pb) mg/L	Accuracy 98.9%
	Limit 2.30 - 3.12
	Blank <0.0003
	Standard name C00-046-705_X_1000
	Result 0.0834
Dissolved Lead (Pb) mg/L	Accuracy 83.4%
	Limit 0.0800 - 0.1200
	Blank <0.0003
	Standard name C00-046-705_X_1000
	Result 0.0801
Selenium (Se) mg/L	Accuracy 80.1%
	Limit 0.0800 - 0.1200
	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.095
Dissolved Selenium (Se) mg/L	Accuracy 95%
	Limit 0.0800 - 0.1200
	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.091
Sulfate (SO4) mg SO4/L	Accuracy 91%
	Limit 0.0800 - 0.1200
	Blank <0.6
	Standard name DMR-0417-2017-SO4
	Result 125
Thallium (Tl) mg/L	Accuracy 98.4%
	Limit 114 - 132
	Sample duplicate 1719-1656
	Blank <0.0008
	Standard name TI-S140909023-1000ppm
Dissolved thallium (Tl) mg/L	Result 906
	Accuracy 90.6%
	Limit 800 - 1200
	Blank <0.0008
	Standard name TI-S140909023-1000ppm
Zinc (Zn) mg/L	Result 929
	Accuracy 92.9%
	Limit 800 - 1200
	Blank <0.001
	Standard name C00-046-705_X_1000

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Quality control Report

Lab number: V-67565

Sample name: ST-S-5 DUP

Sampling location: ST-S-5

Sampling date: September 03, 2017

Sampling hour: 12:00

Parameter

	Result 0.097
	Accuracy 97%
	Limit 0.0800 - 0.1200
Dissolved Zinc mg/L	Blank <0.001
	Standard name C00-046-705_X_1000

	Result 0.093
	Accuracy 93%
	Limit 0.0800 - 0.1200

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Additional information

Lab number: V-67565
Sample name: ST-S-5 DUP
Sampling location: ST-S-5

Sampling date: September 03, 2017
Sampling hour: 12:00

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-CL-2.0	MA.300-Ions 1.3
M-CN-1.0	MA.300-CN 1.2
M-CI-1.0	MA.300-Anions 1.0
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-SULF-2.0	MA.300-Ions 1.3

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-67566

Sampling location: ST-S-5

Sampling date: September 03, 2017

Sample name: ST-S-5 FB

Sampling hour: 12:00

Sampled by: Martin Theriault/PA

Date received: September 05, 2017

Matrix: Water

Reported on: September 26, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Lab number: V-67566

Sample name: ST-S-5 FB

Sampling location: ST-S-5

Sampling date: September 03, 2017

Sampling hour: 12:00

Parameter	Result	Method name	Analysis date
Acidity	3 mg CaCO ₃ /L	M-TIT-1.0	September 06, 2017
Alkalinity	2 mg CaCO ₃ /L	M-TIT-1.0	September 06, 2017
Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Dissolved Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Dissolved Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Dissolved Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	<0.05 mg N/L	Sous-traitance\H2Lab inc. (SAM)	September 12, 2017
Barium (Ba)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Dissolved Barium (Ba)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Dissolved Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Dissolved Organic Carbon (D.O.C.)	0.4 mg/L	M-COT-1.0	September 06, 2017
Chloride	<0.5 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Chrome (Cr)	0.0009 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Dissolved Chromium (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Copper (Cu)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Dissolved Copper (Cu)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Cyanide W.A.D.	0.003 mg/L	Sous-traitance\Multilab Direct	September 13, 2017
Total Cyanide (CNT)	0.006 mg/L	Sous-traitance\Multilab Direct	September 13, 2017
Hardness	<1 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	September 14, 2017
Iron (Fe)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Dissolved Iron (Fe)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Ferrous Iron (Fe 2+)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Ferric Iron (Fe 3+)	0.05 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Fluoride (F)	<0.02 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Total Suspended Solids	<1 mg/L	M-SOLI-1.0	September 07, 2017
Manganese (Mn)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Dissolved Manganese (Mn)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Mercury (Hg)	0.00001 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Dissolved Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Molybdenum (Mo)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Dissolved Molybdenum (Mo)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Ammonia NH ₃ (non-ionized)	<0.01 mg N/L	Sous-traitance\H2Lab inc. (SAM)	September 18, 2017
Nickel (Ni)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Dissolved Nickel (Ni)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Nitrate (NO ₃)	<0.01 mg N/L	Sous-traitance\Multilab Direct	September 07, 2017
Nitrite (NO ₂)	<0.01 mg N/L	Sous-traitance\Multilab Direct	September 07, 2017
Dissolved oxygen	10.2 mg/L	Sous-traitance\Multilab Direct	September 07, 2017

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Analytical Report

Lab number: V-67566

Sample name: ST-S-5 FB

Sampling location: ST-S-5

Sampling date: September 03, 2017

Sampling hour: 12:00

Parameter	Result	Method name	Analysis date
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Dissolved Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Dissolved Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Dissolved Solids	2 mg/L	M-TIT-1.0	September 06, 2017
Sulfate (SO4)	1.4 mg SO4/L	Sous-traitance\Multilab Direct	September 07, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	September 13, 2017
Dissolved thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	September 19, 2017
Zinc (Zn)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Dissolved Zinc	<0.001 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Total Phosphorus (P)	<0.04 mg P/L	Sous-traitance\H2Lab inc. (SAM)	September 13, 2017

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Detection limit

Lab number: V-67566

Sample name: ST-S-5 FB

Sampling date: September 03, 2017

Sampling location: ST-S-5

Sampling hour: 12:00

Parameter	Value	Unit	Method	Accreditation
Acidity	2	mg CaCO ₃ /L	M-TIT-1.0	
Alkalinity	2	mg CaCO ₃ /L	M-TIT-1.0	
Aluminium (Al)	0.003	mg/L	Sous-traitance	
Dissolved Aluminium (Al)	0.003	mg/L	Sous-traitance	
Silver (Ag)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Silver (Ag)	0.0001	mg/L	Sous-traitance	
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Arsenic (As)	0.0005	mg/L	Sous-traitance	
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Barium (Ba)	0.0005	mg/L	Sous-traitance	
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Dissolved Cadmium (Cd)	0.00002	mg/L	Sous-traitance	
Dissolved Organic Carbon (D.O.C.)	0.2	mg/L	M-COT-1.0	--
Chloride	0.5	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Dissolved Chromium (Cr)	0.0006	mg/L	Sous-traitance	
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Copper (Cu)	0.0005	mg/L	Sous-traitance	
Cyanide W.A.D.	0.001	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO ₃ /L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes
Dissolved Iron (Fe)	0.01	mg/L	Sous-traitance	
Ferrous Iron (Fe 2+)		mg/L	Sous-traitance	
Ferric Iron (Fe 3+)		mg/L	Sous-traitance	
Fluoride (F)	0.01	mg/L	Sous-traitance	Yes
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Manganese (Mn)	0.0003	mg/L	Sous-traitance	
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Dissolved Mercury (Hg)	0.00001	mg/L	Sous-traitance	
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Nickel (Ni)	0.0005	mg/L	Sous-traitance	
Nitrate (NO ₃)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO ₂)	0.01	mg N/L	Sous-traitance	Yes
Dissolved oxygen	0.1	mg/L	Sous-traitance	
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Dissolved Lead (Pb)	0.0003	mg/L	Sous-traitance	

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Detection limit

Lab number: V-67566

Sample name: ST-S-5 FB

Sampling date: September 03, 2017

Sampling location: ST-S-5

Sampling hour: 12:00

Parameter	Value	Unit	Method	Accreditation
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Dissolved Selenium (Se)	0.001	mg/L	Sous-traitance	
Dissolved Solids	1	mg/L	M-TIT-1.0	
Sulfate (SO4)	0.6	mg SO4/L	Sous-traitance	Yes
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Dissolved thallium (Tl)	0.0008	mg/L	Sous-traitance	
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes
Dissolved Zinc	0.001	mg/L	Sous-traitance	
Total Phosphorus (P)	0.04	mg P/L	Sous-traitance	

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Quality control Report

Lab number: V-67566

Sample name: ST-S-5 FB

Sampling location: ST-S-5

Sampling date: September 03, 2017

Sampling hour: 12:00

Parameter	
Acidity mg CaCO ₃ /L	Standard name STD acidité Result 255 Accuracy 98% Limit 213 - 288
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 144 Accuracy 99.3% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006 Standard name C00-046-705_X_1000 Result 0.923 Accuracy 92.3% Limit 0.800 - 1.200
Dissolved Aluminium (Al) mg/L	Blank <0.006 Standard name C00-046-705_X_1000 Result 0.871 Accuracy 87.1% Limit 0.800 - 1.200
Silver (Ag) mg/L	Blank <0.0001
Dissolved Silver (Ag) mg/L	Blank <0.0001
Arsenic (As) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0894 Accuracy 89.4% Limit 0.0700 - 0.1300
Dissolved Arsenic (As) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0844 Accuracy 84.4% Limit 0.0800 - 0.1200
Barium (Ba) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0947 Accuracy 94.7% Limit 0.0800 - 0.1200
Dissolved Barium (Ba) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0957 Accuracy 95.7% Limit 0.0800 - 0.1200

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Quality control Report

Lab number: V-67566

Sample name: ST-S-5 FB

Sampling location: ST-S-5

Sampling date: September 03, 2017

Sampling hour: 12:00

Parameter	
Cadmium (Cd) mg/L	Blank <0.00002 Standard name C00-046-705_X_1000 Result 0.08875 Accuracy 88.7% Limit 0.0800 - 0.1200
Dissolved Cadmium (Cd) mg/L	Blank <0.00002 Standard name C00-046-705_X_1000 Result 0.08660 Accuracy 86.6% Limit 0.0800 - 0.1200
Dissolved Organic Carbon (D.O.C.) mg/L	Blank 0.2 Standard name COD 10mg/L Result 10 Accuracy 100% Limit 8 - 12
Chloride mg/L	Blank <0.5 Standard name DMR-0417-2017-Cl Result 119 Accuracy 89.8% Limit 95 - 121
Chrome (Cr) mg/L	Blank <0.0006 Standard name C00-046-705_X_1000 Result 0.0910 Accuracy 91% Limit 0.0800 - 0.1200
Dissolved Chromium (Cr) mg/L	Blank <0.0006 Standard name C00-046-705_X_1000 Result 0.0868 Accuracy 86.8% Limit 0.0800 - 0.1200
Copper (Cu) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0959 Accuracy 95.9% Limit 0.0800 - 0.1200
Dissolved Copper (Cu) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0912 Accuracy 91.2% Limit 0.0800 - 0.1200

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Quality control Report

Lab number: V-67566

Sample name: ST-S-5 FB

Sampling location: ST-S-5

Sampling date: September 03, 2017

Sampling hour: 12:00

Parameter	
Cyanide W.A.D. mg/L	Blank <0.001 Standard name DMR-0343-CN Result 0.869 Accuracy 98.4% Limit 0.751 - 1.015
Total Cyanide (CNT) mg/L	Blank <0.001 Standard name DMR-0343-CN Result 1.15 Accuracy 97.5% Limit 1.003 - 1.357
Iron (Fe) mg/L	Blank <0.01 Standard name C00-046-705_X_1000 Result 0.99 Accuracy 99% Limit 0.800 - 1.200
Dissolved Iron (Fe) mg/L	Blank <0.01 Standard name C00-046-705_X_1000 Result 0.96 Accuracy 96% Limit 0.800 - 1.200
Ferrous Iron (Fe 2+) mg/L	Blank <0.01 Standard name Maison-Fe+-0.5ppm Result 0.60 Accuracy 80% Limit 0.4 - 0.6
Ferric Iron (Fe 3+) mg/L	Blank <0.01
Fluoride (F) mg/L	Blank <0.02 Standard name Controle maison 2 ppm F Result 2.11 Accuracy 94.5% Limit 1.85 - 2.15
Total Suspended Solids mg/L	Blank <1 Standard name STD-MES 25mg/L Result 24 Accuracy 96% Limit 19 - 31
Manganese (Mn) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0944 Accuracy 94.4%

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Quality control Report

Lab number: V-67566

Sample name: ST-S-5 FB

Sampling location: ST-S-5

Sampling date: September 03, 2017

Sampling hour: 12:00

Parameter	
Dissolved Manganese (Mn) mg/L	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0915
	Accuracy 91.5%
Mercury (Hg) mg/L	Limit 0.0800 - 0.1200
	Blank <0.00001
	Standard name DMR-0343-2017-HgEu
	Result 0.00056
	Accuracy 80%
Dissolved Mercury (Hg) mg/L	Limit 0.00042 - 0.00098
	Blank <0.00001
	Standard name DMR-0343-2017-HgEu
	Result 0.00047
	Accuracy 67.1%
Molybdenum (Mo) mg/L	Limit 0.00042 - 0.00098
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0869
	Accuracy 86.9%
Dissolved Molybdenum (Mo) mg/L	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0850
	Accuracy 85%
Nickel (Ni) mg/L	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0929
	Accuracy 92.9%
Dissolved Nickel (Ni) mg/L	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0886
	Accuracy 88.6%
Nitrate (NO3) mg N/L	Limit 0.0800 - 0.1200
	Blank <0.01
Nitrite (NO2) mg N/L	Blank <0.01
	Standard name DMR-0417-2017-NO2
	Result 2.74

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Quality control Report

Lab number: V-67566

Sample name: ST-S-5 FB

Sampling location: ST-S-5

Sampling date: September 03, 2017

Sampling hour: 12:00

Parameter	
Lead (Pb) mg/L	Accuracy 98.9%
	Limit 2.30 - 3.12
	Blank <0.0003
	Standard name C00-046-705_X_1000
	Result 0.0834
Dissolved Lead (Pb) mg/L	Accuracy 83.4%
	Limit 0.0800 - 0.1200
	Blank <0.0003
	Standard name C00-046-705_X_1000
	Result 0.0801
Selenium (Se) mg/L	Accuracy 80.1%
	Limit 0.0800 - 0.1200
	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.095
Dissolved Selenium (Se) mg/L	Accuracy 95%
	Limit 0.0800 - 0.1200
	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.091
Sulfate (SO4) mg SO4/L	Accuracy 91%
	Limit 0.0800 - 0.1200
	Blank <0.6
	Standard name DMR-0417-2017-SO4
	Result 125
Thallium (Tl) mg/L	Accuracy 98.4%
	Limit 114 - 132
	Blank <0.0008
	Standard name TI-S140909023-1000ppm
	Result 906
Dissolved thallium (Tl) mg/L	Accuracy 90.6%
	Limit 800 - 1200
	Blank <0.0008
	Standard name TI-S140909023-1000ppm
	Result 929
Zinc (Zn) mg/L	Accuracy 92.9%
	Limit 800 - 1200
	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.097

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Additional information

Lab number: V-67566
Sample name: ST-S-5 FB
Sampling location: ST-S-5

Sampling date: September 03, 2017
Sampling hour: 12:00

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-CL-2.0	MA.300-Ions 1.3
M-CN-1.0	MA.300-CN 1.2
M-CI-1.0	MA.300-Anions 1.0
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-SULF-2.0	MA.300-Ions 1.3

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-67557

Sampling location: portage pit

Sampling date: September 03, 2017

Sample name: ST-17

Sampling hour: 12:00

Sampled by: Martin Theriault/PA

Date received: September 05, 2017

Matrix: Water

Reported on: September 14, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Lab number: V-67557

Sample name: ST-17

Sampling date: September 03, 2017

Sampling location: portage pit

Sampling hour: 12:00

Parameter	Result	Method name	Analysis date
Acidity	3 mg CaCO ₃ /L	M-TIT-1.0	September 06, 2017
Alkalinity	83 mg CaCO ₃ /L	M-TIT-1.0	September 06, 2017
Aluminium (Al)	0.157 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Dissolved Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Dissolved Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Arsenic (As)	0.0270 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Dissolved Arsenic (As)	0.0238 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	3.9 mg N/L	Sous-traitance\H2Lab inc. (SAM)	September 08, 2017
Barium (Ba)	0.0183 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Dissolved Barium (Ba)	0.0149 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Cadmium (Cd)	0.00009 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Dissolved Cadmium (Cd)	0.00009 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Dissolved Organic Carbon (D.O.C.)	4.2 mg/L	M-COT-1.0	September 06, 2017
Chloride	19.0 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Chrome (Cr)	0.0017 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Dissolved Chromium (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Copper (Cu)	0.0010 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Dissolved Copper (Cu)	0.0008 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Cyanide W.A.D.	0.023 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Total Cyanide (CNT)	0.042 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Hardness	275 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	September 07, 2017
Iron (Fe)	0.33 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Dissolved Iron (Fe)	0.02 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Ferrous Iron (Fe 2+)	0.03 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Ferric Iron (Fe 3+)	0.30 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Fluoride (F)	0.45 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Total Suspended Solids	7 mg/L	M-SOLI-1.0	September 07, 2017
Manganese (Mn)	0.1220 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Dissolved Manganese (Mn)	0.1166 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Dissolved Mercury (Hg)	0.00002 mg/L	Sous-traitance\Multilab Direct	September 13, 2017
Molybdenum (Mo)	0.0496 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Dissolved Molybdenum (Mo)	0.0528 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Ammonia NH ₃ (non-ionized)	<0.05 mg N/L	Sous-traitance\H2Lab inc. (SAM)	September 08, 2017
Nickel (Ni)	0.0393 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Dissolved Nickel (Ni)	0.0378 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Nitrate (NO ₃)	9.42 mg N/L	Sous-traitance\Multilab Direct	September 07, 2017
Nitrite (NO ₂)	0.10 mg N/L	Sous-traitance\Multilab Direct	September 07, 2017
Dissolved oxygen	10.2 mg/L	Sous-traitance\Multilab Direct	September 07, 2017

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Analytical Report

Lab number: V-67557

Sample name: ST-17

Sampling date: September 03, 2017

Sampling location: portage pit

Sampling hour: 12:00

Parameter	Result	Method name	Analysis date
Lead (Pb)	0.0006 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Dissolved Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Dissolved Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Dissolved Solids	430 mg/L	M-TIT-1.0	September 06, 2017
Sulfate (SO4)	168 mg SO4/L	Sous-traitance\Multilab Direct	September 07, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	September 13, 2017
Dissolved thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	September 13, 2017
Zinc (Zn)	0.008 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Dissolved Zinc	0.001 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Total Phosphorus (P)	0.05 mg P/L	Sous-traitance\H2Lab inc. (SAM)	September 08, 2017

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Detection limit

Lab number: V-67557

Sample name: ST-17

Sampling date: September 03, 2017

Sampling location: portage pit

Sampling hour: 12:00

Parameter	Value	Unit	Method	Accreditation
Acidity	2	mg CaCO ₃ /L	M-TIT-1.0	
Alkalinity	2	mg CaCO ₃ /L	M-TIT-1.0	
Aluminium (Al)	0.003	mg/L	Sous-traitance	
Dissolved Aluminium (Al)	0.006	mg/L	Sous-traitance	
Silver (Ag)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Silver (Ag)	0.0001	mg/L	Sous-traitance	
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Arsenic (As)	0.0005	mg/L	Sous-traitance	
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Barium (Ba)	0.0005	mg/L	Sous-traitance	
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Dissolved Cadmium (Cd)	0.00002	mg/L	Sous-traitance	
Dissolved Organic Carbon (D.O.C.)	0.2	mg/L	M-COT-1.0	--
Chloride	0.5	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Dissolved Chromium (Cr)	0.0006	mg/L	Sous-traitance	
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Copper (Cu)	0.0005	mg/L	Sous-traitance	
Cyanide W.A.D.	0.001	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO ₃ /L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes
Dissolved Iron (Fe)	0.01	mg/L	Sous-traitance	
Ferrous Iron (Fe 2+)		mg/L	Sous-traitance	
Ferric Iron (Fe 3+)		mg/L	Sous-traitance	
Fluoride (F)	0.01	mg/L	Sous-traitance	Yes
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Manganese (Mn)	0.0005	mg/L	Sous-traitance	
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Dissolved Mercury (Hg)	0.00001	mg/L	Sous-traitance	
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Nickel (Ni)	0.0005	mg/L	Sous-traitance	
Nitrate (NO ₃)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO ₂)	0.01	mg N/L	Sous-traitance	Yes
Dissolved oxygen	0.1	mg/L	Sous-traitance	
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Dissolved Lead (Pb)	0.0003	mg/L	Sous-traitance	

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Detection limit

Lab number: V-67557

Sample name: ST-17

Sampling date: September 03, 2017

Sampling location: portage pit

Sampling hour: 12:00

Parameter	Value	Unit	Method	Accreditation
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Dissolved Selenium (Se)	0.001	mg/L	Sous-traitance	
Dissolved Solids	1	mg/L	M-TIT-1.0	
Sulfate (SO4)	0.6	mg SO4/L	Sous-traitance	Yes
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Dissolved thallium (Tl)	0.0008	mg/L	Sous-traitance	
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes
Dissolved Zinc	0.001	mg/L	Sous-traitance	
Total Phosphorus (P)	0.04	mg P/L	Sous-traitance	

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Quality control Report

Lab number: V-67557

Sample name: ST-17

Sampling location: portage pit

Sampling date: September 03, 2017

Sampling hour: 12:00

Parameter	
Acidity mg CaCO ₃ /L	Standard name STD acidité Result 255 Accuracy 98% Limit 213 - 288
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 144 Accuracy 99.3% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006 Standard name C00-046-705_X_1000 Result 1.19 Accuracy 81% Limit 0.800 - 1.200
Dissolved Aluminium (Al) mg/L	Blank <0.006 Standard name C00-046-705_X_1000 Result 1.17 Accuracy 83% Limit 0.800 - 1.200
Silver (Ag) mg/L	Blank <0.0001
Dissolved Silver (Ag) mg/L	Blank <0.0001
Arsenic (As) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0943 Accuracy 94.3% Limit 0.0700 - 0.1300
Dissolved Arsenic (As) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0972 Accuracy 97.2% Limit 0.0800 - 0.1200
Barium (Ba) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1021 Accuracy 97.9% Limit 0.0800 - 0.1200
Dissolved Barium (Ba) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0920 Accuracy 92% Limit 0.0800 - 0.1200

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Quality control Report

Lab number: V-67557

Sample name: ST-17

Sampling location: portage pit

Sampling date: September 03, 2017

Sampling hour: 12:00

Parameter	
Cadmium (Cd) mg/L	Blank <0.00002 Standard name C00-046-705_X_1000 Result 0.10746 Accuracy 92.5% Limit 0.0800 - 0.1200
Dissolved Cadmium (Cd) mg/L	Blank <0.00002 Standard name C00-046-705_X_1000 Result 0.10191 Accuracy 98.1% Limit 0.0800 - 0.1200
Dissolved Organic Carbon (D.O.C.) mg/L	Blank 0.2 Standard name COD 10mg/L Result 10 Accuracy 100% Limit 8 - 12
Chloride mg/L	Blank <0.5 Standard name DMR-0417-2017-Cl Result 119 Accuracy 89.8% Limit 95 - 121
Chrome (Cr) mg/L	Blank <0.0006 Standard name C00-046-705_X_1000 Result 0.1000 Accuracy 100% Limit 0.0800 - 0.1200
Dissolved Chromium (Cr) mg/L	Blank <0.0006 Standard name C00-046-705_X_1000 Result 0.0976 Accuracy 97.6% Limit 0.0800 - 0.1200
Copper (Cu) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1034 Accuracy 96.6% Limit 0.0800 - 0.1200
Dissolved Copper (Cu) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1027 Accuracy 97.3% Limit 0.0800 - 0.1200

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Quality control Report

Lab number: V-67557

Sample name: ST-17

Sampling location: portage pit

Sampling date: September 03, 2017

Sampling hour: 12:00

Parameter	
Cyanide W.A.D. mg/L	Blank <0.001 Standard name DMR-0343-CN Result 0.937 Accuracy 93.9% Limit 0.751 - 1.015
Total Cyanide (CNT) mg/L	Blank 0.003 Standard name DMR-0343-CN Result 1.10 Accuracy 93.2% Limit 1.003 - 1.357
Iron (Fe) mg/L	Blank <0.01 Standard name C00-046-705_X_1000 Result 1.20 Accuracy 80% Limit 0.800 - 1.200
Dissolved Iron (Fe) mg/L	Blank <0.01 Standard name C00-046-705_X_1000 Result 1.20 Accuracy 80% Limit 0.800 - 1.200
Ferrous Iron (Fe 2+) mg/L	Blank <0.01 Standard name Maison-Fe+-0.5ppm Result 0.60 Accuracy 80% Limit 0.4 - 0.6
Ferric Iron (Fe 3+) mg/L	Blank <0.01 Standard name Controle maison 2 ppm F Result 1.89 Accuracy 94.5% Limit 1.85 - 2.15
Total Suspended Solids mg/L	Blank <1 Standard name STD-MES 25mg/L Result 24 Accuracy 96% Limit 19 - 31
Manganese (Mn) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1053 Accuracy 94.7% Limit 0.0800 - 0.1200

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Quality control Report

Lab number: V-67557

Sample name: ST-17

Sampling location: portage pit

Sampling date: September 03, 2017

Sampling hour: 12:00

Parameter	
Dissolved Manganese (Mn) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1023 Accuracy 97.7% Limit 0.0800 - 0.1200
Mercury (Hg) mg/L	Blank <0.00001 Standard name DMR-0343-2017-HgEu Result 0.00056 Accuracy 80% Limit 0.00042 - 0.00098
Dissolved Mercury (Hg) mg/L	Blank <0.00001 Standard name DMR-0343-2017-HgEu Result 0.00045 Accuracy 64.3% Limit 0.00042 - 0.00098
Molybdenum (Mo) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1030 Accuracy 97% Limit 0.0800 - 0.1200
Dissolved Molybdenum (Mo) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0970 Accuracy 97% Limit 0.0800 - 0.1200
Nickel (Ni) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0999 Accuracy 99.9% Limit 0.0800 - 0.1200
Dissolved Nickel (Ni) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0966 Accuracy 96.6% Limit 0.0800 - 0.1200
Nitrate (NO ₃) mg N/L	Blank <0.01
Nitrite (NO ₂) mg N/L	Blank <0.01 Standard name DMR-0417-2017-NO2 Result 2.74 Accuracy 98.9%

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Quality control Report

Lab number: V-67557

Sample name: ST-17

Sampling location: portage pit

Sampling date: September 03, 2017

Sampling hour: 12:00

Parameter	
Total Phosphorus (P) mg P/L	Limit 2.30 - 3.12
	Blank <0.01
	Standard name DMR-0417-2017-Ptotal
	Result 1.23
	Accuracy 92.1%
Lead (Pb) mg/L	Limit 1.00 - 1.28
	Blank <0.0003
	Standard name C00-046-705_X_1000
	Result 0.0876
	Accuracy 87.6%
Dissolved Lead (Pb) mg/L	Limit 0.0800 - 0.1200
	Blank <0.0003
	Standard name C00-046-705_X_1000
	Result 0.0840
	Accuracy 84%
Selenium (Se) mg/L	Limit 0.0800 - 0.1200
	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.101
	Accuracy 99%
Dissolved Selenium (Se) mg/L	Limit 0.0800 - 0.1200
	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.100
	Accuracy 100%
Sulfate (SO4) mg SO4/L	Limit 0.0800 - 0.1200
	Blank <0.6
	Standard name DMR-0417-2017-SO4
	Result 125
	Accuracy 98.4%
Zinc (Zn) mg/L	Limit 114 - 132
	Sample duplicate 168-178
	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.105
Dissolved Zinc mg/L	Accuracy 95%
	Limit 0.0800 - 0.1200
	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.099

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Additional information

Lab number: V-67557

Sample name: ST-17

Sampling location: portage pit

Sampling date: September 03, 2017

Sampling hour: 12:00

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-CL-2.0	MA.300-Ions 1.3
M-CN-1.0	MA.300-CN 1.2
M-CI-1.0	MA.300-Anions 1.0
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-SULF-2.0	MA.300-Ions 1.3

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-67558

Sampling location: ST-19

Sampling date: September 03, 2017

Sample name: ST-19

Sampling hour: 12:00

Sampled by: MT/PA

Date received: September 05, 2017

Matrix: Water

Drinking water distribution:

Reported on: September 20, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Lab number: V-67558

Sample name: ST-19

Sampling location: ST-19

Sampling date: September 03, 2017

Sampling hour: 12:00

Parameter	Result	Method name	Analysis date
Alkalinity	74 mg CaCO ₃ /L	M-TIT-1.0	September 06, 2017
Aluminium (Al)	0.020 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Dissolved Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Dissolved Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Dissolved Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	5.2 mg N/L	Sous-traitance\H2Lab inc. (SAM)	September 08, 2017
Barium (Ba)	0.0143 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Dissolved Barium (Ba)	0.0124 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Cadmium (Cd)	0.00004 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Dissolved Cadmium (Cd)	0.00007 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Chloride	30.1 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Chrome (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Dissolved Chromium (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Copper (Cu)	0.0005 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Dissolved Copper (Cu)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Cyanide W.A.D.	0.012 mg/L	Sous-traitance\Multilab Direct	September 13, 2017
Total Cyanide (CNT)	0.013 mg/L	Sous-traitance\Multilab Direct	September 13, 2017
Hardness	173 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	September 14, 2017
Iron (Fe)	0.05 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Dissolved Iron (Fe)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Fluoride (F)	0.37 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Total Suspended Solids	<1 mg/L	M-SOLI-1.0	September 07, 2017
Manganese (Mn)	0.0593 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Dissolved Manganese (Mn)	0.0515 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Mercury (Hg)	0.00006 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Dissolved Mercury (Hg)	0.00006 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Molybdenum (Mo)	0.0280 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Dissolved Molybdenum (Mo)	0.0274 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Ammonia NH ₃ (non-ionized)	<0.01 mg N/L	Sous-traitance\H2Lab inc. (SAM)	September 18, 2017
Nickel (Ni)	0.0115 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Dissolved Nickel (Ni)	0.0108 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Nitrate (NO ₃)	11.7 mg N/L	Sous-traitance\Multilab Direct	September 07, 2017
Nitrite (NO ₂)	0.56 mg N/L	Sous-traitance\Multilab Direct	September 07, 2017
Lead (Pb)	0.0266 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Dissolved Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Selenium (Se)	0.001 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Dissolved Selenium (Se)	0.001 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Dissolved Solids	413 mg/L	M-TIT-1.0	September 06, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Analytical Report

Lab number: V-67558

Sample name: ST-19

Sampling location: ST-19

Sampling date: September 03, 2017

Sampling hour: 12:00

Parameter	Result	Method name	Analysis date
Sulfate (SO4)	140 mg SO4/L	Sous-traitance\Multilab Direct	September 07, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	September 13, 2017
Dissolved thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Zinc (Zn)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Dissolved Zinc	<0.001 mg/L	Sous-traitance\Multilab Direct	September 14, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Detection limit

Lab number: V-67558

Sample name: ST-19

Sampling location: ST-19

Sampling date: September 03, 2017

Sampling hour: 12:00

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO ₃ /L	M-TIT-1.0	
Aluminium (Al)	0.003	mg/L	Sous-traitance	
Dissolved Aluminium (Al)	0.006	mg/L	Sous-traitance	
Silver (Ag)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Silver (Ag)	0.0001	mg/L	Sous-traitance	
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Arsenic (As)	0.0005	mg/L	Sous-traitance	
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Barium (Ba)	0.0005	mg/L	Sous-traitance	
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Dissolved Cadmium (Cd)	0.00002	mg/L	Sous-traitance	
Chloride	0.5	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Dissolved Chromium (Cr)	0.0006	mg/L	Sous-traitance	
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Copper (Cu)	0.0005	mg/L	Sous-traitance	
Cyanide W.A.D.	0.001	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO ₃ /L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes
Dissolved Iron (Fe)	0.01	mg/L	Sous-traitance	
Fluoride (F)	0.01	mg/L	Sous-traitance	Yes
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Manganese (Mn)	0.0005	mg/L	Sous-traitance	
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Dissolved Mercury (Hg)	0.00001	mg/L	Sous-traitance	
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Nickel (Ni)	0.0005	mg/L	Sous-traitance	
Nitrate (NO ₃)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO ₂)	0.01	mg N/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Dissolved Lead (Pb)	0.0003	mg/L	Sous-traitance	
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Dissolved Selenium (Se)	0.001	mg/L	Sous-traitance	
Dissolved Solids	1	mg/L	M-TIT-1.0	
Sulfate (SO ₄)	0.6	mg SO ₄ /L	Sous-traitance	Yes
Thallium (Tl)	0.0008	mg/L	Sous-traitance	

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Detection limit

Lab number: V-67558

Sample name: ST-19

Sampling location: ST-19

Sampling date: September 03, 2017

Sampling hour: 12:00

Parameter	Value	Unit	Method	Accreditation
Dissolved thallium (Tl)	0.0008	mg/L	Sous-traitance	
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes
Dissolved Zinc	0.001	mg/L	Sous-traitance	

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Quality control Report

Lab number: V-67558

Sample name: ST-19

Sampling location: ST-19

Sampling date: September 03, 2017

Sampling hour: 12:00

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 144 Accuracy 99.3% Limit 123 - 167 Sample duplicate 74-74
Aluminium (Al) mg/L	Blank <0.006 Standard name C00-046-705_X_1000 Result 0.923 Accuracy 92.3% Limit 0.800 - 1.200
Dissolved Aluminium (Al) mg/L	Blank <0.006 Standard name C00-046-705_X_1000 Result 0.871 Accuracy 87.1% Limit 0.800 - 1.200
Silver (Ag) mg/L	Blank <0.0001
Dissolved Silver (Ag) mg/L	Blank <0.0001
Arsenic (As) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0894 Accuracy 89.4% Limit 0.0700 - 0.1300
Dissolved Arsenic (As) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0844 Accuracy 84.4% Limit 0.0800 - 0.1200
Barium (Ba) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0947 Accuracy 94.7% Limit 0.0800 - 0.1200
Dissolved Barium (Ba) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0957 Accuracy 95.7% Limit 0.0800 - 0.1200
Cadmium (Cd) mg/L	Blank <0.00002 Standard name C00-046-705_X_1000 Result 0.08875

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Quality control Report

Lab number: V-67558

Sample name: ST-19

Sampling location: ST-19

Sampling date: September 03, 2017

Sampling hour: 12:00

Parameter	
Dissolved Cadmium (Cd) mg/L	Accuracy 88.7%
	Limit 0.0800 - 0.1200
	Blank <0.00002
	Standard name C00-046-705_X_1000
	Result 0.08660
Chloride mg/L	Accuracy 86.6%
	Limit 0.0800 - 0.1200
	Blank <0.5
	Standard name DMR-0417-2017-CI
	Result 119
Chrome (Cr) mg/L	Accuracy 89.8%
	Limit 95 - 121
	Blank <0.0006
	Standard name C00-046-705_X_1000
	Result 0.0910
Dissolved Chromium (Cr) mg/L	Accuracy 91%
	Limit 0.0800 - 0.1200
	Blank <0.0006
	Standard name C00-046-705_X_1000
	Result 0.0868
Copper (Cu) mg/L	Accuracy 86.8%
	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0959
Dissolved Copper (Cu) mg/L	Accuracy 95.9%
	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0912
Cyanide W.A.D. mg/L	Accuracy 91.2%
	Limit 0.0800 - 0.1200
	Blank <0.001
	Standard name DMR-0343-CN
	Result 0.869
Total Cyanide (CNT) mg/L	Accuracy 98.4%
	Limit 0.751 - 1.015
	Blank <0.001
	Standard name DMR-0343-CN
	Result 1.15

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Quality control Report

Lab number: V-67558

Sample name: ST-19

Sampling location: ST-19

Sampling date: September 03, 2017

Sampling hour: 12:00

Parameter	
Iron (Fe) mg/L	Accuracy 97.5%
	Limit 1.003 - 1.357
	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 0.99
Dissolved Iron (Fe) mg/L	Accuracy 99%
	Limit 0.800 - 1.200
	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 0.96
Fluoride (F) mg/L	Accuracy 96%
	Limit 0.800 - 1.200
	Blank <0.02
	Standard name Controle maison 2 ppm F
	Result 2.11
Total Suspended Solids mg/L	Accuracy 94.5%
	Limit 1.85 - 2.15
	Sample duplicate 0.37-0.37
	Blank <1
	Standard name STD-MES 25mg/L
Manganese (Mn) mg/L	Result 24
	Accuracy 96%
	Limit 19 - 31
	Blank <0.0005
	Standard name C00-046-705_X_1000
Dissolved Manganese (Mn) mg/L	Result 0.0944
	Accuracy 94.4%
	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name C00-046-705_X_1000
Mercury (Hg) mg/L	Result 0.0915
	Accuracy 91.5%
	Limit 0.0800 - 0.1200
	Blank <0.00001
	Standard name DMR-0343-2017-HgEu
Dissolved Mercury (Hg) mg/L	Result 0.00056
	Accuracy 80%
	Limit 0.00042 - 0.00098
	Blank <0.00001
	Standard name DMR-0343-2017-HgEu

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Quality control Report

Lab number: V-67558

Sample name: ST-19

Sampling location: ST-19

Sampling date: September 03, 2017

Sampling hour: 12:00

Parameter	
Molybdenum (Mo) mg/L	Result 0.00047
	Accuracy 67.1%
	Limit 0.00042 - 0.00098
	Blank <0.0005
	Standard name C00-046-705_X_1000
Dissolved Molybdenum (Mo) mg/l	Result 0.0869
	Accuracy 86.9%
	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name C00-046-705_X_1000
Nickel (Ni) mg/L	Result 0.0850
	Accuracy 85%
	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name C00-046-705_X_1000
Dissolved Nickel (Ni) mg/L	Result 0.0929
	Accuracy 92.9%
	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name C00-046-705_X_1000
Nitrate (NO3) mg N/L	Result 0.0886
	Accuracy 88.6%
Nitrite (NO2) mg N/L	Limit 0.0800 - 0.1200
	Blank <0.01
Lead (Pb) mg/L	Blank <0.01
	Standard name DMR-0417-2017-NO2
	Result 2.74
	Accuracy 98.9%
	Limit 2.30 - 3.12
Dissolved Lead (Pb) mg/L	Blank <0.0003
	Standard name C00-046-705_X_1000
	Result 0.0834
	Accuracy 83.4%
	Limit 0.0800 - 0.1200
Selenium (Se) mg/L	Blank <0.0003
	Standard name C00-046-705_X_1000
	Result 0.0801
	Accuracy 80.1%
	Limit 0.0800 - 0.1200
Selenium (Se) mg/L	Blank <0.001

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Quality control Report

Lab number: V-67558

Sample name: ST-19

Sampling location: ST-19

Sampling date: September 03, 2017

Sampling hour: 12:00

Parameter	
	Standard name C00-046-705_X_1000
	Result 0.095
	Accuracy 95%
	Limit 0.0800 - 0.1200
Dissolved Selenium (Se) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.091
	Accuracy 91%
	Limit 0.0800 - 0.1200
Dissolved Solids mg/L	Sample duplicate 413-410
Sulfate (SO4) mg SO4/L	Blank <0.6
	Standard name DMR-0417-2017-SO4
	Result 125
	Accuracy 98.4%
	Limit 114 - 132
Thallium (Tl) mg/L	Blank <0.0008
	Standard name Tl-S140909023-1000ppm
	Result 906
	Accuracy 90.6%
	Limit 800 - 1200
Zinc (Zn) mg/L	Sample duplicate <0.0008-<0.0008
	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.097
	Accuracy 97%
	Limit 0.0800 - 0.1200
Dissolved Zinc mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.093
	Accuracy 93%
	Limit 0.0800 - 0.1200

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Additional information

Lab number: V-67558
Sample name: ST-19
Sampling location: ST-19

Sampling date: September 03, 2017
Sampling hour: 12:00

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-CL-2.0	MA.300-Ions 1.3
M-CN-1.0	MA.300-CN 1.2
M-CI-1.0	MA.300-Anions 1.0
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-SULF-2.0	MA.300-Ions 1.3

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-67559

Sampling location: ST-20

Sampling date: September 03, 2017

Sample name: ST-20 Pit Sump

Sampling hour: 12:00

Sampled by: MT/PA

Date received: September 05, 2017

Matrix: Water

Drinking water distribution:

Reported on: September 20, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
This report shall not be reproduced except in full without the written authority of the laboratory.



Analytical Report

Lab number: V-67559

Sample name: ST-20 Pit Sump

Sampling location: ST-20

Sampling date: September 03, 2017

Sampling hour: 12:00

Parameter	Result	Method name	Analysis date
Alkalinity	81 mg CaCO ₃ /L	M-TIT-1.0	September 06, 2017
Aluminium (Al)	0.107 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Dissolved Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Dissolved Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Dissolved Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	1.5 mg N/L	Sous-traitance\H2Lab inc. (SAM)	September 08, 2017
Barium (Ba)	0.0479 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Dissolved Barium (Ba)	0.0454 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Cadmium (Cd)	0.00004 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Dissolved Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Chloride	14.1 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Chrome (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Dissolved Chromium (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Copper (Cu)	0.0021 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Dissolved Copper (Cu)	0.0012 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Cyanide W.A.D.	0.003 mg/L	Sous-traitance\Multilab Direct	September 13, 2017
Total Cyanide (CNT)	0.004 mg/L	Sous-traitance\Multilab Direct	September 13, 2017
Hardness	214 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	September 14, 2017
Iron (Fe)	0.21 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Dissolved Iron (Fe)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Fluoride (F)	0.16 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Total Suspended Solids	1 mg/L	M-SOLI-1.0	September 07, 2017
Manganese (Mn)	0.0716 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Dissolved Manganese (Mn)	0.0583 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Mercury (Hg)	0.00004 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Dissolved Mercury (Hg)	0.00003 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Molybdenum (Mo)	0.0061 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Dissolved Molybdenum (Mo)	0.0064 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Ammonia NH ₃ (non-ionized)	<0.01 mg N/L	Sous-traitance\H2Lab inc. (SAM)	September 18, 2017
Nickel (Ni)	0.0737 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Dissolved Nickel (Ni)	0.0706 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Nitrate (NO ₃)	20.3 mg N/L	Sous-traitance\Multilab Direct	September 07, 2017
Nitrite (NO ₂)	0.13 mg N/L	Sous-traitance\Multilab Direct	September 07, 2017
pH	8.05	M-TIT-1.0	September 06, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Dissolved Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Selenium (Se)	0.002 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Dissolved Selenium (Se)	0.002 mg/L	Sous-traitance\Multilab Direct	September 14, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Analytical Report

Lab number: V-67559

Sample name: ST-20 Pit Sump

Sampling date: September 03, 2017

Sampling location: ST-20

Sampling hour: 12:00

Parameter	Result	Method name	Analysis date
Dissolved Solids	458 mg/L	M-TIT-1.0	September 06, 2017
Sulfate (SO4)	174 mg SO4/L	Sous-traitance\Multilab Direct	September 07, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	September 13, 2017
Dissolved thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Zinc (Zn)	0.001 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Dissolved Zinc	0.001 mg/L	Sous-traitance\Multilab Direct	September 14, 2017

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Detection limit

Lab number: V-67559

Sample name: ST-20 Pit Sump

Sampling date: September 03, 2017

Sampling location: ST-20

Sampling hour: 12:00

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO ₃ /L	M-TIT-1.0	
Aluminium (Al)	0.003	mg/L	Sous-traitance	
Dissolved Aluminium (Al)	0.006	mg/L	Sous-traitance	
Silver (Ag)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Silver (Ag)	0.0001	mg/L	Sous-traitance	
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Arsenic (As)	0.0005	mg/L	Sous-traitance	
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Barium (Ba)	0.0005	mg/L	Sous-traitance	
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Dissolved Cadmium (Cd)	0.00002	mg/L	Sous-traitance	
Chloride	0.5	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Dissolved Chromium (Cr)	0.0006	mg/L	Sous-traitance	
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Copper (Cu)	0.0005	mg/L	Sous-traitance	
Cyanide W.A.D.	0.001	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO ₃ /L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes
Dissolved Iron (Fe)	0.01	mg/L	Sous-traitance	
Fluoride (F)	0.01	mg/L	Sous-traitance	Yes
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Manganese (Mn)	0.0005	mg/L	Sous-traitance	
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Dissolved Mercury (Hg)	0.00001	mg/L	Sous-traitance	
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Nickel (Ni)	0.0005	mg/L	Sous-traitance	
Nitrate (NO ₃)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO ₂)	0.01	mg N/L	Sous-traitance	Yes
pH			M-TIT-1.0	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Dissolved Lead (Pb)	0.0003	mg/L	Sous-traitance	
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Dissolved Selenium (Se)	0.001	mg/L	Sous-traitance	
Dissolved Solids	1	mg/L	M-TIT-1.0	
Sulfate (SO ₄)	0.6	mg SO ₄ /L	Sous-traitance	Yes

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Detection limit

Lab number: V-67559

Sample name: ST-20 Pit Sump

Sampling date: September 03, 2017

Sampling location: ST-20

Sampling hour: 12:00

Parameter	Value	Unit	Method	Accreditation
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Dissolved thallium (Tl)	0.0008	mg/L	Sous-traitance	
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes
Dissolved Zinc	0.001	mg/L	Sous-traitance	

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Quality control Report

Lab number: V-67559

Sample name: ST-20 Pit Sump

Sampling location: ST-20

Sampling date: September 03, 2017

Sampling hour: 12:00

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 144 Accuracy 99.3% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006
	Standard name C00-046-705_X_1000 Result 0.923 Accuracy 92.3% Limit 0.800 - 1.200
Dissolved Aluminium (Al) mg/L	Blank <0.006
	Standard name C00-046-705_X_1000 Result 0.871 Accuracy 87.1% Limit 0.800 - 1.200
Silver (Ag) mg/L	Blank <0.0001
Dissolved Silver (Ag) mg/L	Blank <0.0001
Arsenic (As) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000 Result 0.0894 Accuracy 89.4% Limit 0.0700 - 0.1300
Dissolved Arsenic (As) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000 Result 0.0844 Accuracy 84.4% Limit 0.0800 - 0.1200
Barium (Ba) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000 Result 0.0947 Accuracy 94.7% Limit 0.0800 - 0.1200
Dissolved Barium (Ba) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000 Result 0.0957 Accuracy 95.7% Limit 0.0800 - 0.1200
Cadmium (Cd) mg/L	Blank <0.00002
	Standard name C00-046-705_X_1000 Result 0.08875 Accuracy 88.7%

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Quality control Report

Lab number: V-67559

Sample name: ST-20 Pit Sump

Sampling location: ST-20

Sampling date: September 03, 2017

Sampling hour: 12:00

Parameter	
Dissolved Cadmium (Cd) mg/L	Limit 0.0800 - 0.1200
	Blank <0.00002
	Standard name C00-046-705_X_1000
	Result 0.08660
	Accuracy 86.6%
Chloride mg/L	Limit 0.0800 - 0.1200
	Blank <0.5
	Standard name DMR-0417-2017-CI
	Result 119
	Accuracy 89.8%
Chrome (Cr) mg/L	Limit 95 - 121
	Blank <0.0006
	Standard name C00-046-705_X_1000
	Result 0.0910
	Accuracy 91%
Dissolved Chromium (Cr) mg/L	Limit 0.0800 - 0.1200
	Blank <0.0006
	Standard name C00-046-705_X_1000
	Result 0.0868
	Accuracy 86.8%
Copper (Cu) mg/L	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0959
	Accuracy 95.9%
Dissolved Copper (Cu) mg/L	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0912
	Accuracy 91.2%
Cyanide W.A.D. mg/L	Limit 0.0800 - 0.1200
	Blank <0.001
	Standard name DMR-0343-CN
	Result 0.869
	Accuracy 98.4%
Total Cyanide (CNT) mg/L	Limit 0.751 - 1.015
	Blank <0.001
	Standard name DMR-0343-CN
	Result 1.15
	Accuracy 97.5%

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Quality control Report

Lab number: V-67559

Sample name: ST-20 Pit Sump

Sampling location: ST-20

Sampling date: September 03, 2017

Sampling hour: 12:00

Parameter	
Iron (Fe) mg/L	Limit 1.003 - 1.357
	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 0.99
	Accuracy 99%
Dissolved Iron (Fe) mg/L	Limit 0.800 - 1.200
	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 0.96
	Accuracy 96%
Fluoride (F) mg/L	Limit 0.800 - 1.200
	Blank <0.02
	Standard name Controle maison 2 ppm F
	Result 2.11
	Accuracy 94.5%
Total Suspended Solids mg/L	Limit 1.85 - 2.15
	Blank <1
	Standard name STD-MES 25mg/L
	Result 24
	Accuracy 96%
Manganese (Mn) mg/L	Limit 19 - 31
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0944
	Accuracy 94.4%
Dissolved Manganese (Mn) mg/L	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0915
	Accuracy 91.5%
Mercury (Hg) mg/L	Limit 0.0800 - 0.1200
	Blank <0.00001
	Standard name DMR-0343-2017-HgEu
	Result 0.00056
	Accuracy 80%
Dissolved Mercury (Hg) mg/L	Limit 0.00042 - 0.00098
	Blank <0.00001
	Standard name DMR-0343-2017-HgEu
	Result 0.00047
	Accuracy 67.1%

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Quality control Report

Lab number: V-67559

Sample name: ST-20 Pit Sump

Sampling location: ST-20

Sampling date: September 03, 2017

Sampling hour: 12:00

Parameter		
Molybdenum (Mo) mg/L	Limit 0.00042 - 0.00098	
	Blank <0.0005	
	Standard name C00-046-705_X_1000	
	Result 0.0869	
	Accuracy 86.9%	
Dissolved Molybdenum (Mo) mg/l	Limit 0.0800 - 0.1200	
	Blank <0.0005	
	Standard name C00-046-705_X_1000	
	Result 0.0850	
	Accuracy 85%	
Nickel (Ni) mg/L	Limit 0.0800 - 0.1200	
	Blank <0.0005	
	Standard name C00-046-705_X_1000	
	Result 0.0929	
	Accuracy 92.9%	
Dissolved Nickel (Ni) mg/L	Limit 0.0800 - 0.1200	
	Blank <0.0005	
	Standard name C00-046-705_X_1000	
	Result 0.0886	
	Accuracy 88.6%	
Nitrate (NO3) mg N/L	Limit 0.0800 - 0.1200	
	Blank <0.01	
	Nitrite (NO2) mg N/L	Blank <0.01
		Standard name DMR-0417-2017-NO2
	Result 2.74	
Accuracy 98.9%		
pH	Limit 2.30 - 3.12	
	Standard name STD pH 7.0	
	Result 7.01	
	Accuracy 99.9%	
	Lead (Pb) mg/L	Limit 6.96 - 7.04
Blank <0.0003		
Standard name C00-046-705_X_1000		
Result 0.0834		
Accuracy 83.4%		
Dissolved Lead (Pb) mg/L	Limit 0.0800 - 0.1200	
	Blank <0.0003	
	Standard name C00-046-705_X_1000	
	Result 0.0801	
	Accuracy 80.1%	

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Quality control Report

Lab number: V-67559

Sample name: ST-20 Pit Sump

Sampling location: ST-20

Sampling date: September 03, 2017

Sampling hour: 12:00

Parameter	
Selenium (Se) mg/L	Limit 0.0800 - 0.1200
	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.095
	Accuracy 95%
Dissolved Selenium (Se) mg/L	Limit 0.0800 - 0.1200
	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.091
	Accuracy 91%
Sulfate (SO4) mg SO4/L	Limit 0.0800 - 0.1200
	Blank <0.6
	Standard name DMR-0417-2017-SO4
	Result 125
	Accuracy 98.4%
Thallium (Tl) mg/L	Limit 114 - 132
	Blank <0.0008
	Standard name Tl-S140909023-1000ppm
	Result 906
	Accuracy 90.6%
Zinc (Zn) mg/L	Limit 800 - 1200
	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.097
	Accuracy 97%
Dissolved Zinc mg/L	Limit 0.0800 - 0.1200
	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.093
	Accuracy 93%
	Limit 0.0800 - 0.1200

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Additional information

Lab number: V-67559

Sample name: ST-20 Pit Sump

Sampling location: ST-20

Sampling date: September 03, 2017

Sampling hour: 12:00

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-CL-2.0	MA.300-Ions 1.3
M-CN-1.0	MA.300-CN 1.2
M-CI-1.0	MA.300-Anions 1.0
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-SULF-2.0	MA.300-Ions 1.3

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-67560

Sampling location: Goose Pit

Sampling date: September 03, 2017

Sample name: ST-20 Pit Lake

Sampling hour: 12:00

Sampled by: MT/PA

Date received: September 05, 2017

Matrix: Water

Reported on: September 21, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Lab number: V-67560

Sample name: ST-20 Pit Lake

Sampling location: Goose Pit

Sampling date: September 03, 2017

Sampling hour: 12:00

Parameter	Result	Method name	Analysis date
Alkalinity	86 mg CaCO ₃ /L	M-TIT-1.0	September 06, 2017
Aluminium (Al)	0.283 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Dissolved Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Antimony (Sb)	0.0009 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Dissolved Antimony (Sb)	0.0009 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Dissolved Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	0.70 mg N/L	Sous-traitance\H2Lab inc. (SAM)	September 08, 2017
Barium (Ba)	0.0519 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Dissolved Barium (Ba)	0.0530 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Dissolved Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
bicarbonate (HCO ₃)	86 mg CaCO ₃ /L	M-TIT-1.0	September 06, 2017
Boron (B)	0.08 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Dissolved Boron (B)	0.09 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Dissolved Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Calcium (Ca)	34.0 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Carbonate (CO ₃)	<2 mg CaCO ₃ /L	M-TIT-1.0	September 06, 2017
Dissolved Organic Carbon (D.O.C.)	3.0 mg/L	M-COT-1.0	September 06, 2017
Total Organic Carbon (T.O.C.)	3.7 mg/L	M-COT-1.0	September 06, 2017
Chloride	21.7 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Chrome (Cr)	0.0021 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Dissolved Chromium (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Copper (Cu)	0.0008 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Dissolved Copper (Cu)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Cyanates (CNO)	<0.01 mg CNO/L	Sous-traitance\Multilab Direct	September 14, 2017
Total Cyanide (CNT)	0.003 mg/L	Sous-traitance\Multilab Direct	September 13, 2017
Hardness	135 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	September 14, 2017
Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
dissolved Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Iron (Fe)	0.67 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Dissolved Iron (Fe)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Lithium (Li)	0.009 mg/L	Sous-traitance\Multilab Direct	September 13, 2017
Dissolved Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	September 19, 2017
Total Suspended Solids	14 mg/L	M-SOLI-1.0	September 07, 2017
Magnesium (Mg)	12.2 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Manganese (Mn)	0.0719 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Dissolved Manganese (Mn)	0.0561 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Mercury (Hg)	0.00006 mg/L	Sous-traitance\Multilab Direct	September 14, 2017

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Analytical Report

Lab number: V-67560

Sample name: ST-20 Pit Lake

Sampling location: Goose Pit

Sampling date: September 03, 2017

Sampling hour: 12:00

Parameter	Result	Method name	Analysis date
Dissolved Mercury (Hg)	0.00005 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Molybdenum (Mo)	0.0170 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Dissolved Molybdenum (Mo)	0.0181 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Ammonia NH3 (non-ionized)	<0.01 mg N/L	Sous-traitance\H2Lab inc. (SAM)	September 18, 2017
Nickel (Ni)	0.0176 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Dissolved Nickel (Ni)	0.0115 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Nitrate (NO3)	3.38 mg N/L	Sous-traitance\Multilab Direct	September 07, 2017
Nitrite (NO2)	0.04 mg N/L	Sous-traitance\Multilab Direct	September 07, 2017
Ortho-Phosphate (O-PO4)	0.01 mg P/L	Sous-traitance\Multilab Direct	September 08, 2017
Lead (Pb)	0.0210 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Dissolved Lead (Pb)	0.0207 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Potassium (K)	7.07 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Dissolved Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Reactive silica (SiO2)	5.8 mg/L	Sous-traitance\Maxxam	September 11, 2017
Sodium (Na)	25.3 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Dissolved Solids	323 mg/L	M-TIT-1.0	September 06, 2017
Strontium (Sr)	0.260 mg/L	Sous-traitance\Multilab Direct	September 13, 2017
dissolved Strontium (Sr)	0.351 mg/L	Sous-traitance\Multilab Direct	September 19, 2017
Sulfate (SO4)	111 mg SO4/L	Sous-traitance\Multilab Direct	September 07, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	September 13, 2017
Dissolved thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	September 19, 2017
Thiocyanate (SCN)	0.28 mg SCN/L	Sous-traitance\Multilab Direct	September 13, 2017
Titanium (Ti)	0.04 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Dissolved titanium (Ti)	0.03 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Uranium (U)	0.010 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Dissolved Uranium (U)	0.011 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Vanadium (V)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Dissolved Vanadium	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Zinc (Zn)	0.001 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Dissolved Zinc	<0.001 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Kjeldahl nitrogen	0.31 mg N/L	Sous-traitance\H2Lab inc. (SAM)	September 14, 2017
Total Phosphorus (P)	<0.04 mg P/L	Sous-traitance\H2Lab inc. (SAM)	September 13, 2017

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Detection limit

Lab number: V-67560

Sample name: ST-20 Pit Lake

Sampling date: September 03, 2017

Sampling location: Goose Pit

Sampling hour: 12:00

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO ₃ /L	M-TIT-1.0	
Aluminium (Al)	0.003	mg/L	Sous-traitance	
Dissolved Aluminium (Al)	0.006	mg/L	Sous-traitance	
Antimony (Sb)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Antimony (Sb)	0.0001	mg/L	Sous-traitance	
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Arsenic (As)	0.0005	mg/L	Sous-traitance	
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Barium (Ba)	0.0005	mg/L	Sous-traitance	
Beryllium (Be)	0.0005	mg/L	Sous-traitance	
Dissolved Beryllium (Be)	0.0005	mg/L	Sous-traitance	
bicarbonate (HCO ₃)	2	mg CaCO ₃ /L	M-TIT-1.0	
Boron (B)	0.01	mg/L	Sous-traitance	Yes
Dissolved Boron (B)	0.006	mg/L	Sous-traitance	
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Dissolved Cadmium (Cd)	0.00002	mg/L	Sous-traitance	
Calcium (Ca)	0.03	mg/L	Sous-traitance	Yes
Carbonate (CO ₃)	2	mg CaCO ₃ /L	M-TIT-1.0	
Dissolved Organic Carbon (D.O.C.)	0.2	mg/L	M-COT-1.0	--
Total Organic Carbon (T.O.C.)	0.2	mg/L	M-COT-1.0	Yes
Chloride	0.5	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Dissolved Chromium (Cr)	0.0006	mg/L	Sous-traitance	
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Copper (Cu)	0.0005	mg/L	Sous-traitance	
Cyanates (CNO)	0.01	mg CNO/L	Sous-traitance	
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO ₃ /L	Sous-traitance	
Tin (Sn)	0.001	mg/L	Sous-traitance	Yes
dissolved Tin (Sn)	0.001	mg/L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes
Dissolved Iron (Fe)	0.01	mg/L	Sous-traitance	
Lithium (Li)	0.005	mg/L	Sous-traitance	
Dissolved Lithium (Li)	0.005	mg/L	Sous-traitance	
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Magnesium (Mg)	0.02	mg/L	Sous-traitance	Yes
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Manganese (Mn)	0.0005	mg/L	Sous-traitance	
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Dissolved Mercury (Hg)	0.00001	mg/L	Sous-traitance	

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

This report shall not be reproduced except in full without the written authority of the laboratory.



Detection limit

Lab number: V-67560

Sample name: ST-20 Pit Lake

Sampling date: September 03, 2017

Sampling location: Goose Pit

Sampling hour: 12:00

Parameter	Value	Unit	Method	Accreditation
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Nickel (Ni)	0.0005	mg/L	Sous-traitance	
Nitrate (NO ₃)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO ₂)	0.01	mg N/L	Sous-traitance	Yes
Ortho-Phosphate (O-PO ₄)	0.01	mg P/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Dissolved Lead (Pb)	0.0003	mg/L	Sous-traitance	
Potassium (K)	0.05	mg/L	Sous-traitance	
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Dissolved Selenium (Se)	0.001	mg/L	Sous-traitance	
Reactive silica (SiO ₂)		mg/L	Sous-traitance	
Sodium (Na)	0.05	mg/L	Sous-traitance	Yes
Dissolved Solids	1	mg/L	M-TIT-1.0	
Strontium (Sr)	0.005	mg/L	Sous-traitance	
dissolved Strontium (Sr)	0.005	mg/L	Sous-traitance	
Sulfate (SO ₄)	0.6	mg SO ₄ /L	Sous-traitance	Yes
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Dissolved thallium (Tl)	0.0008	mg/L	Sous-traitance	
Thiocyanate (SCN)	0.05	mg SCN/L	Sous-traitance	Yes
Titanium (Ti)	0.01	mg/L	Sous-traitance	
Dissolved titanium (Ti)	0.01	mg/L	Sous-traitance	
Uranium (U)	0.001	mg/L	Sous-traitance	
Dissolved Uranium (U)	0.001	mg/L	Sous-traitance	
Vanadium (V)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Vanadium	0.0005	mg/L	Sous-traitance	
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes
Dissolved Zinc	0.001	mg/L	Sous-traitance	
Kjeldahl nitrogen	0.05	mg N/L	Sous-traitance	
Total Phosphorus (P)	0.04	mg P/L	Sous-traitance	

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Quality control Report

Lab number: V-67560

Sample name: ST-20 Pit Lake

Sampling location: Goose Pit

Sampling date: September 03, 2017

Sampling hour: 12:00

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 144 Accuracy 99.3% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006
	Standard name C00-046-705_X_1000 Result 0.923 Accuracy 92.3% Limit 0.800 - 1.200
Dissolved Aluminium (Al) mg/L	Blank <0.006
	Standard name C00-046-705_X_1000 Result 0.871 Accuracy 87.1% Limit 0.800 - 1.200
Antimony (Sb) mg/L	Blank <0.0001
	Standard name C00-046-705_X_1000 Result 0.0090 Accuracy 90% Limit 0.0080 - 0.0120
Dissolved Antimony (Sb) mg/L	Blank <0.0001
	Standard name C00-046-705_X_1000 Result 0.0089 Accuracy 89% Limit 0.0080 - 0.0120
Arsenic (As) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000 Result 0.0894 Accuracy 89.4% Limit 0.0700 - 0.1300
Dissolved Arsenic (As) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000 Result 0.0844 Accuracy 84.4% Limit 0.0800 - 0.1200
Kjeldahl nitrogen mg N/L	Blank <0.05
	Standard name DMR-0417-2017-NTK Result 6.17 Accuracy 91.2% Limit 4.82 - 6.52
	Sample duplicate 0.31-0.32

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Quality control Report

Lab number: V-67560

Sample name: ST-20 Pit Lake

Sampling location: Goose Pit

Sampling date: September 03, 2017

Sampling hour: 12:00

Parameter	
Barium (Ba) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0947 Accuracy 94.7% Limit 0.0800 - 0.1200
Dissolved Barium (Ba) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0957 Accuracy 95.7% Limit 0.0800 - 0.1200
Beryllium (Be) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0917 Accuracy 91.7% Limit 0.0800 - 0.1200
Dissolved Beryllium (Be) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0856 Accuracy 85.6% Limit 0.0800 - 0.1200
Boron (B) mg/L	Blank <0.01 Standard name C00-046-705_X_1000 Result 0.93 Accuracy 93% Limit 0.800 - 1.200
Dissolved Boron (B) mg/L	Blank <0.01 Standard name C00-046-705_X_1000 Result 0.88 Accuracy 88% Limit 0.800 - 1.200
Cadmium (Cd) mg/L	Blank <0.00002 Standard name C00-046-705_X_1000 Result 0.08875 Accuracy 88.7% Limit 0.0800 - 0.1200
Dissolved Cadmium (Cd) mg/L	Blank <0.00002 Standard name C00-046-705_X_1000 Result 0.08660 Accuracy 86.6% Limit 0.0800 - 0.1200

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Quality control Report

Lab number: V-67560

Sample name: ST-20 Pit Lake

Sampling location: Goose Pit

Sampling date: September 03, 2017

Sampling hour: 12:00

Parameter	
Calcium (Ca) mg/L	Blank <0.03 Standard name C00-046-705_X_1000 Result 0.90 Accuracy 90% Limit 0.800 - 1.200
Dissolved Organic Carbon (D.O.C.) mg/L	Blank 0.2 Standard name COD 10mg/L Result 10 Accuracy 100% Limit 8 - 12
Total Organic Carbon (T.O.C.) mg/L	Blank 0.2 Standard name COT 10mg/L Result 10 Accuracy 100% Limit 8 - 12
Chloride mg/L	Blank <0.5 Standard name DMR-0417-2017-Cl Result 119 Accuracy 89.8% Limit 95 - 121
Chrome (Cr) mg/L	Blank <0.0006 Standard name C00-046-705_X_1000 Result 0.0910 Accuracy 91% Limit 0.0800 - 0.1200
Dissolved Chromium (Cr) mg/L	Blank <0.0006 Standard name C00-046-705_X_1000 Result 0.0868 Accuracy 86.8% Limit 0.0800 - 0.1200
Copper (Cu) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0959 Accuracy 95.9% Limit 0.0800 - 0.1200
Dissolved Copper (Cu) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0912 Accuracy 91.2% Limit 0.0800 - 0.1200

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Quality control Report

Lab number: V-67560

Sample name: ST-20 Pit Lake

Sampling location: Goose Pit

Sampling date: September 03, 2017

Sampling hour: 12:00

Parameter	
Cyanates (CNO) mg CNO/L	Blank <0.01 Standard name Controle Maison CNO 250 ppm Result 220 Accuracy 88% Limit 175 - 325
Total Cyanide (CNT) mg/L	Blank <0.001 Standard name DMR-0343-CN Result 1.15 Accuracy 97.5% Limit 1.003 - 1.357
Tin (Sn) mg/L	Blank <0.001 Standard name C00-046-705_X_1000 Result 0.087 Accuracy 87% Limit 0.0800 - 0.1200
dissolved Tin (Sn) mg/L	Blank <0.001 Standard name C00-046-705_X_1000 Result 0.087 Accuracy 87% Limit 0.0700 - 0.1300
Iron (Fe) mg/L	Blank <0.01 Standard name C00-046-705_X_1000 Result 0.99 Accuracy 99% Limit 0.800 - 1.200
Dissolved Iron (Fe) mg/L	Blank <0.01 Standard name C00-046-705_X_1000 Result 0.96 Accuracy 96% Limit 0.800 - 1.200
Lithium (Li) mg/L	Blank <0.005 Standard name DMR-0219-2017-Eu Result 0.810 Accuracy 95.7% Limit 0.677 - 1.015
Dissolved Lithium (Li) mg/L	Blank <0.005 Standard name DMR-0476-2017-22-Eu Result 0.737 Accuracy 87.1% Limit 0.677 - 1.015

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Quality control Report

Lab number: V-67560

Sample name: ST-20 Pit Lake

Sampling location: Goose Pit

Sampling date: September 03, 2017

Sampling hour: 12:00

Parameter	
Total Suspended Solids mg/L	Blank <1 Standard name STD-MES 25mg/L Result 24 Accuracy 96% Limit 19 - 31
Magnesium (Mg) mg/L	Blank <0.02 Standard name C00-046-705_X_1000 Result 0.93 Accuracy 93% Limit 0.800 - 1.200
Manganese (Mn) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0944 Accuracy 94.4% Limit 0.0800 - 0.1200
Dissolved Manganese (Mn) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0915 Accuracy 91.5% Limit 0.0800 - 0.1200
Mercury (Hg) mg/L	Blank <0.00001 Standard name DMR-0343-2017-HgEu Result 0.00056 Accuracy 80% Limit 0.00042 - 0.00098
Dissolved Mercury (Hg) mg/L	Blank <0.00001 Standard name DMR-0343-2017-HgEu Result 0.00047 Accuracy 67.1% Limit 0.00042 - 0.00098
Molybdenum (Mo) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0869 Accuracy 86.9% Limit 0.0800 - 0.1200
Dissolved Molybdenum (Mo) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0850 Accuracy 85% Limit 0.0800 - 0.1200

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Quality control Report

Lab number: V-67560

Sample name: ST-20 Pit Lake

Sampling location: Goose Pit

Sampling date: September 03, 2017

Sampling hour: 12:00

Parameter	
Nickel (Ni) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0929 Accuracy 92.9% Limit 0.0800 - 0.1200
Dissolved Nickel (Ni) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0886 Accuracy 88.6% Limit 0.0800 - 0.1200
Nitrate (NO3) mg N/L	Blank <0.01
Nitrite (NO2) mg N/L	Blank <0.01 Standard name DMR-0417-2017-NO2 Result 2.74 Accuracy 98.9% Limit 2.30 - 3.12
Ortho-Phosphate (O-PO4) mg P/L	Blank 0.01 Standard name DMR-0417-2017-OPO4 Result 2.85 Accuracy 89.3% Limit 2.81 - 3.57
Lead (Pb) mg/L	Blank <0.0003 Standard name C00-046-705_X_1000 Result 0.0834 Accuracy 83.4% Limit 0.0800 - 0.1200
Dissolved Lead (Pb) mg/L	Blank <0.0003 Standard name C00-046-705_X_1000 Result 0.0801 Accuracy 80.1% Limit 0.0800 - 0.1200
Potassium (K) mg/L	Blank <0.05 Standard name C00-046-705_X_1000 Result 0.91 Accuracy 91% Limit 0.800 - 1.200
Selenium (Se) mg/L	Blank <0.001 Standard name C00-046-705_X_1000 Result 0.095 Accuracy 95%

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Quality control Report

Lab number: V-67560

Sample name: ST-20 Pit Lake

Sampling location: Goose Pit

Sampling date: September 03, 2017

Sampling hour: 12:00

Parameter	
Dissolved Selenium (Se) mg/L	Limit 0.0800 - 0.1200
	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.091
	Accuracy 91%
Sodium (Na) mg/L	Limit 0.0800 - 0.1200
	Blank <0.05
	Standard name C00-046-705_X_1000
	Result 0.91
	Accuracy 91%
Strontium (Sr) mg/L	Limit 0.800 - 1.200
	Blank <0.005
	Standard name DMR-0219-2017-Eu
	Result 1.13
	Accuracy 91.9%
dissolved Strontium (Sr) mg/L	Limit 0.98 - 1.48
	Blank <0.005
	Standard name DMR-0476-2017-22-Eu
	Result 1.23
	Accuracy 100%
Sulfate (SO4) mg SO4/L	Limit 0.98 - 1.48
	Blank <0.6
	Standard name DMR-0417-2017-SO4
	Result 125
	Accuracy 98.4%
Thallium (Tl) mg/L	Limit 114 - 132
	Blank <0.0008
	Standard name Tl-S140909023-1000ppm
	Result 906
	Accuracy 90.6%
Dissolved thallium (Tl) mg/L	Limit 800 - 1200
	Blank <0.0008
	Standard name Tl-S140909023-1000ppm
	Result 1047
	Accuracy 95.3%
Thiocyanate (SCN) mg SCN/L	Limit 800 - 1200
	Blank <0.05
	Standard name STD SCN 568ppm
	Result 594
	Accuracy 95.4%

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Quality control Report

Lab number: V-67560

Sample name: ST-20 Pit Lake

Sampling location: Goose Pit

Sampling date: September 03, 2017

Sampling hour: 12:00

Parameter	
	Limit 398 - 738
Titanium (Ti) mg/L	Blank <0.01
Dissolved titanium (Ti) mg/L	Blank <0.01
Uranium (U) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.093
	Accuracy 93%
	Limit 0.0800 - 0.1200
Dissolved Uranium (U) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.092
	Accuracy 92%
	Limit 0.0800 - 0.1200
Vanadium (V) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0903
	Accuracy 90.3%
	Limit 0.0800 - 0.1200
Dissolved Vanadium mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0849
	Accuracy 84.9%
	Limit 0.0800 - 0.1200
Zinc (Zn) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.097
	Accuracy 97%
	Limit 0.0800 - 0.1200
Dissolved Zinc mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.093
	Accuracy 93%
	Limit 0.0800 - 0.1200

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Additional information

Lab number: V-67560

Sample name: ST-20 Pit Lake

Sampling location: Goose Pit

Sampling date: September 03, 2017

Sampling hour: 12:00

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-CL-2.0	MA.300-Ions 1.3
M-CI-1.0	MA.300-Anions 1.0
M-CN-1.0	MA.300-CN 1.2
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-P-2.0	MA.303-P 1.1
M-SULF-2.0	MA.300-Ions 1.3

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-67561

Sampling location: ST-21

Sampling date: September 03, 2017

Sample name: ST-21 South

Sampling hour: N/D

Sampled by: Martin Theriault

Date received: September 05, 2017

Matrix: Waste Water

Drinking water distribution:

Reported on: October 15, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Lab number: V-67561

Sample name: ST-21 South

Sampling location: ST-21

Sampling date: September 03, 2017

Sampling hour: N/D

Parameter	Result	Method name	Analysis date
Acidity	4 mg CaCO ₃ /L	M-TIT-1.0	September 06, 2017
Alkalinity	128 mg CaCO ₃ /L	M-TIT-1.0	September 06, 2017
Aluminium (Al)	0.577 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Dissolved Aluminium (Al)	0.543 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Silver (Ag)	0.0037 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Dissolved Silver (Ag)	0.0025 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Arsenic (As)	0.0092 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Dissolved Arsenic (As)	0.0077 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	47 mg N/L	Sous-traitance\H2Lab inc. (SAM)	September 08, 2017
Barium (Ba)	0.0865 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Dissolved Barium (Ba)	0.0818 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Cadmium (Cd)	0.00129 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Dissolved Cadmium (Cd)	0.00125 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Dissolved Organic Carbon (D.O.C)	41.6 mg/L	M-COT-1.0	September 06, 2017
Chloride	356 mg/L	Sous-traitance\Multilab Direct	September 12, 2017
Chrome (Cr)	0.0035 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Dissolved Chromium (Cr)	0.0016 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Copper (Cu)	0.7155 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Dissolved Copper (Cu)	0.6841 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Cyanates (CNO)	<0.01 mg CNO/L	Sous-traitance\Multilab Direct	September 13, 2017
Cyanide W.A.D.	0.341 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Total Cyanide (CNT)	0.538 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Hardness	1350 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	September 07, 2017
Iron (Fe)	1.14 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Dissolved Iron (Fe)	1.06 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Ferrous Iron (Fe 2+)	0.11 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Ferric Iron (Fe 3+)	1.03 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Fluoride (F)	0.45 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Total Suspended Solids	35 mg/L	M-SOLI-1.0	September 07, 2017
Manganese (Mn)	0.2334 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Dissolved Manganese (Mn)	0.2202 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Dissolved Mercury (Hg)	0.00020 mg/L	Sous-traitance\Multilab Direct	September 13, 2017
Molybdenum (Mo)	0.5631 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Dissolved Molybdenum (Mo)	0.5563 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Ammonia NH ₃ (non-ionized)	0.73 mg N/L	Sous-traitance\H2Lab inc. (SAM)	September 08, 2017
Nickel (Ni)	0.1684 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Dissolved Nickel (Ni)	0.1644 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Nitrate (NO ₃)	3.46 mg N/L	Sous-traitance\Multilab Direct	September 07, 2017
Nitrite (NO ₂)	0.16 mg N/L	Sous-traitance\Multilab Direct	September 07, 2017

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Analytical Report

Lab number: V-67561

Sample name: ST-21 South

Sampling location: ST-21

Sampling date: September 03, 2017

Sampling hour: N/D

Parameter	Result	Method name	Analysis date
Dissolved oxygen	9.2 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Lead (Pb)	0.0024 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Dissolved Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Selenium (Se)	0.035 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Dissolved Selenium (Se)	0.036 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Dissolved Solids	2776 mg/L	M-TIT-1.0	September 06, 2017
Sulfate (SO4)	2014 mg SO4/L	Sous-traitance\Multilab Direct	September 07, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	September 13, 2017
Dissolved thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	September 13, 2017
Thiocyanate (SCN)	<0.05 mg SCN/L	Sous-traitance\Multilab Direct	September 07, 2017
Zinc (Zn)	0.003 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Dissolved Zinc	<0.001 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Total Phosphorus (P)	0.07 mg P/L	Sous-traitance\H2Lab inc. (SAM)	September 08, 2017

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Detection limit

Lab number: V-67561

Sample name: ST-21 South

Sampling location: ST-21

Sampling date: September 03, 2017

Sampling hour: N/D

Parameter	Value	Unit	Method	Accreditation
Acidity	2	mg CaCO ₃ /L	M-TIT-1.0	
Alkalinity	2	mg CaCO ₃ /L	M-TIT-1.0	
Aluminium (Al)	0.003	mg/L	Sous-traitance	
Dissolved Aluminium (Al)	0.003	mg/L	Sous-traitance	
Silver (Ag)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Silver (Ag)	0.0001	mg/L	Sous-traitance	
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Arsenic (As)	0.0005	mg/L	Sous-traitance	
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Barium (Ba)	0.0005	mg/L	Sous-traitance	
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Dissolved Cadmium (Cd)	0.00002	mg/L	Sous-traitance	
Dissolved Organic Carbon (D.O.C)	0.2	mg/L	M-COT-1.0	--
Chloride	0.5	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Dissolved Chromium (Cr)	0.0006	mg/L	Sous-traitance	
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Copper (Cu)	0.0005	mg/L	Sous-traitance	
Cyanates (CNO)	0.01	mg CNO/L	Sous-traitance	
Cyanide W.A.D.	0.001	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO ₃ /L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes
Dissolved Iron (Fe)	0.01	mg/L	Sous-traitance	
Ferrous Iron (Fe 2+)		mg/L	Sous-traitance	
Ferric Iron (Fe 3+)		mg/L	Sous-traitance	
Fluoride (F)	0.01	mg/L	Sous-traitance	Yes
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Manganese (Mn)	0.0003	mg/L	Sous-traitance	
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Dissolved Mercury (Hg)	0.00001	mg/L	Sous-traitance	
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Nickel (Ni)	0.0005	mg/L	Sous-traitance	
Nitrate (NO ₃)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO ₂)	0.01	mg N/L	Sous-traitance	Yes
Dissolved oxygen	0.1	mg/L	Sous-traitance	
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Detection limit

Lab number: V-67561

Sample name: ST-21 South

Sampling date: September 03, 2017

Sampling location: ST-21

Sampling hour: N/D

Parameter	Value	Unit	Method	Accreditation
Dissolved Lead (Pb)	0.0003	mg/L	Sous-traitance	
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Dissolved Selenium (Se)	0.001	mg/L	Sous-traitance	
Dissolved Solids	1	mg/L	M-TIT-1.0	
Sulfate (SO4)	0.6	mg SO4/L	Sous-traitance	Yes
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Dissolved thallium (Tl)	0.0008	mg/L	Sous-traitance	
Thiocyanate (SCN)	0.05	mg SCN/L	Sous-traitance	Yes
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes
Dissolved Zinc	0.001	mg/L	Sous-traitance	
Total Phosphorus (P)	0.04	mg P/L	Sous-traitance	

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Quality control Report

Lab number: V-67561

Sample name: ST-21 South

Sampling location: ST-21

Sampling date: September 03, 2017

Sampling hour: N/D

Parameter	
Acidity mg CaCO ₃ /L	Standard name STD acidité Result 255 Accuracy 98% Limit 213 - 288
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 144 Accuracy 99.3% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006 Standard name C00-046-705_X_1000 Result 1.19 Accuracy 81% Limit 0.800 - 1.200
Dissolved Aluminium (Al) mg/L	Blank <0.006 Standard name C00-046-705_X_1000 Result 1.17 Accuracy 83% Limit 0.800 - 1.200
Silver (Ag) mg/L	Blank <0.0001
Dissolved Silver (Ag) mg/L	Blank <0.0001
Arsenic (As) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0943 Accuracy 94.3% Limit 0.0700 - 0.1300
Dissolved Arsenic (As) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0972 Accuracy 97.2% Limit 0.0800 - 0.1200
Barium (Ba) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1021 Accuracy 97.9% Limit 0.0800 - 0.1200
Dissolved Barium (Ba) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0920 Accuracy 92% Limit 0.0800 - 0.1200

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Quality control Report

Lab number: V-67561

Sample name: ST-21 South

Sampling location: ST-21

Sampling date: September 03, 2017

Sampling hour: N/D

Parameter	
Cadmium (Cd) mg/L	Blank <0.00002 Standard name C00-046-705_X_1000 Result 0.10746 Accuracy 92.5% Limit 0.0800 - 0.1200
Dissolved Cadmium (Cd) mg/L	Blank <0.00002 Standard name C00-046-705_X_1000 Result 0.10191 Accuracy 98.1% Limit 0.0800 - 0.1200
Dissolved Organic Carbon (D.O.C) mg/L	Blank 0.2 Standard name COD 10mg/L Result 10 Accuracy 100% Limit 8 - 12
Chrome (Cr) mg/L	Blank <0.0006 Standard name C00-046-705_X_1000 Result 0.1000 Accuracy 100% Limit 0.0800 - 0.1200
Dissolved Chromium (Cr) mg/L	Blank <0.0006 Standard name C00-046-705_X_1000 Result 0.0976 Accuracy 97.6% Limit 0.0800 - 0.1200
Copper (Cu) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1034 Accuracy 96.6% Limit 0.0800 - 0.1200
Dissolved Copper (Cu) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1027 Accuracy 97.3% Limit 0.0800 - 0.1200
Cyanates (CNO) mg CNO/L	Blank <0.01 Standard name Controle Maison CNO 250 ppm Result 230 Accuracy 92% Limit 175 - 325

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Quality control Report

Lab number: V-67561

Sample name: ST-21 South

Sampling location: ST-21

Sampling date: September 03, 2017

Sampling hour: N/D

Parameter	
Cyanide W.A.D. mg/L	Blank <0.001 Standard name DMR-0343-CN Result 0.937 Accuracy 93.9% Limit 0.751 - 1.015
Total Cyanide (CNT) mg/L	Blank 0.003 Standard name DMR-0343-CN Result 1.10 Accuracy 93.2% Limit 1.003 - 1.357
Iron (Fe) mg/L	Blank <0.01 Standard name C00-046-705_X_1000 Result 1.20 Accuracy 80% Limit 0.800 - 1.200
Dissolved Iron (Fe) mg/L	Blank <0.01 Standard name C00-046-705_X_1000 Result 1.20 Accuracy 80% Limit 0.800 - 1.200
Ferrous Iron (Fe 2+) mg/L	Blank <0.01 Standard name Maison-Fe+-0.5ppm Result 0.60 Accuracy 80% Limit 0.4 - 0.6
Ferric Iron (Fe 3+) mg/L	Blank <0.01
Total Suspended Solids mg/L	Blank <1 Standard name STD-MES 25mg/L Result 24 Accuracy 96% Limit 19 - 31
Manganese (Mn) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1053 Accuracy 94.7% Limit 0.0800 - 0.1200
Dissolved Manganese (Mn) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1023 Accuracy 97.7%

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Quality control Report

Lab number: V-67561

Sample name: ST-21 South

Sampling location: ST-21

Sampling date: September 03, 2017

Sampling hour: N/D

Parameter		
Mercury (Hg) mg/L	Limit 0.0800 - 0.1200	
	Blank <0.00001	
	Standard name DMR-0343-2017-HgEu	
	Result 0.00056	
	Accuracy 80%	
Dissolved Mercury (Hg) mg/L	Limit 0.00042 - 0.00098	
	Blank <0.00001	
	Standard name DMR-0343-2017-HgEu	
	Result 0.00045	
	Accuracy 64.3%	
Molybdenum (Mo) mg/L	Limit 0.00042 - 0.00098	
	Blank <0.0005	
	Standard name C00-046-705_X_1000	
	Result 0.1030	
	Accuracy 97%	
Dissolved Molybdenum (Mo) mg/L	Limit 0.0800 - 0.1200	
	Blank <0.0005	
	Standard name C00-046-705_X_1000	
	Result 0.0970	
	Accuracy 97%	
Nickel (Ni) mg/L	Limit 0.0800 - 0.1200	
	Blank <0.0005	
	Standard name C00-046-705_X_1000	
	Result 0.0999	
	Accuracy 99.9%	
Dissolved Nickel (Ni) mg/L	Limit 0.0800 - 0.1200	
	Blank <0.0005	
	Standard name C00-046-705_X_1000	
	Result 0.0966	
	Accuracy 96.6%	
Nitrate (NO3) mg N/L	Limit 0.0800 - 0.1200	
	Blank <0.01	
	Nitrite (NO2) mg N/L	Blank <0.01
		Standard name DMR-0417-2017-NO2
	Result 2.74	
Accuracy 98.9%		
Total Phosphorus (P) mg P/L	Limit 2.30 - 3.12	
	Blank <0.01	
	Standard name DMR-0417-2017-Ptotal	
	Result 1.23	

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Quality control Report

Lab number: V-67561

Sample name: ST-21 South

Sampling location: ST-21

Sampling date: September 03, 2017

Sampling hour: N/D

Parameter	
Lead (Pb) mg/L	Accuracy 92.1%
	Limit 1.00 - 1.28
	Blank <0.0003
	Standard name C00-046-705_X_1000
	Result 0.0876
Dissolved Lead (Pb) mg/L	Accuracy 87.6%
	Limit 0.0800 - 0.1200
	Blank <0.0003
	Standard name C00-046-705_X_1000
	Result 0.0840
Selenium (Se) mg/L	Accuracy 84%
	Limit 0.0800 - 0.1200
	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.101
Dissolved Selenium (Se) mg/L	Accuracy 99%
	Limit 0.0800 - 0.1200
	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.100
Sulfate (SO4) mg SO4/L	Accuracy 100%
	Limit 0.0800 - 0.1200
	Blank <0.6
	Standard name DMR-0417-2017-SO4
	Result 125
Thiocyanate (SCN) mg SCN/L	Accuracy 98.4%
	Limit 114 - 132
	Blank <0.05
	Standard name STD SCN 568ppm
	Result 602
Zinc (Zn) mg/L	Accuracy 94%
	Limit 398 - 738
	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.105
Dissolved Zinc mg/L	Accuracy 95%
	Limit 0.0800 - 0.1200
	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.099

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Additional information

Lab number: V-67561

Sample name: ST-21 South

Sampling location: ST-21

Sampling date: September 03, 2017

Sampling hour: N/D

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-CL-2.0	MA.300-Ions 1.3
M-CI-1.0	MA.300-Anions 1.0
M-CN-1.0	MA.300-CN 1.2
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-SULF-2.0	MA.300-Ions 1.3

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-67562

Sampling location: ST-21

Sampling date: September 03, 2017

Sample name: ST-21 North

Sampling hour: 12:00

Sampled by: Martin Theriault/PA

Date received: September 05, 2017

Matrix: Waste Water

Drinking water distribution:

Reported on: October 15, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Lab number: V-67562

Sample name: ST-21 North

Sampling location: ST-21

Sampling date: September 03, 2017

Sampling hour: 12:00

Parameter	Result	Method name	Analysis date
Acidity	4 mg CaCO ₃ /L	M-TIT-1.0	September 06, 2017
Alkalinity	73 mg CaCO ₃ /L	M-TIT-1.0	September 06, 2017
Aluminium (Al)	0.046 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Dissolved Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Dissolved Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Dissolved Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	12 mg N/L	Sous-traitance\H2Lab inc. (SAM)	September 08, 2017
Barium (Ba)	0.0265 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Dissolved Barium (Ba)	0.0230 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Cadmium (Cd)	0.00007 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Dissolved Cadmium (Cd)	0.00015 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Dissolved Organic Carbon (D.O.C)	10.4 mg/L	M-COT-1.0	September 06, 2017
Chloride	39.3 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Chrome (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Dissolved Chromium (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Copper (Cu)	0.0137 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Dissolved Copper (Cu)	0.0061 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Cyanates (CNO)	<0.01 mg CNO/L	Sous-traitance\Multilab Direct	September 14, 2017
Cyanide W.A.D.	0.004 mg/L	Sous-traitance\Multilab Direct	September 13, 2017
Total Cyanide (CNT)	0.009 mg/L	Sous-traitance\Multilab Direct	September 13, 2017
Hardness	340 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	September 14, 2017
Iron (Fe)	0.20 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Dissolved Iron (Fe)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Ferrous Iron (Fe 2+)	0.06 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Ferric Iron (Fe 3+)	0.14 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Fluoride (F)	0.20 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Total Suspended Solids	2 mg/L	M-SOLI-1.0	September 07, 2017
Manganese (Mn)	0.1754 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Dissolved Manganese (Mn)	0.1248 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Mercury (Hg)	0.00009 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Dissolved Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Molybdenum (Mo)	0.0492 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Dissolved Molybdenum (Mo)	0.0490 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Ammonia NH ₃ (non-ionized)	0.17 mg N/L	Sous-traitance\H2Lab inc. (SAM)	September 18, 2017
Nickel (Ni)	0.0156 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Dissolved Nickel (Ni)	0.0137 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Nitrate (NO ₃)	1.22 mg N/L	Sous-traitance\Multilab Direct	September 07, 2017
Nitrite (NO ₂)	0.12 mg N/L	Sous-traitance\Multilab Direct	September 07, 2017

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Analytical Report

Lab number: V-67562

Sample name: ST-21 North

Sampling location: ST-21

Sampling date: September 03, 2017

Sampling hour: 12:00

Parameter	Result	Method name	Analysis date
Dissolved oxygen	9.5 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Dissolved Lead (Pb)	0.0009 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Selenium (Se)	0.005 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Dissolved Selenium (Se)	0.003 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Dissolved Solids	878 mg/L	M-TIT-1.0	September 06, 2017
Sulfate (SO4)	529 mg SO4/L	Sous-traitance\Multilab Direct	September 07, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	September 13, 2017
Dissolved thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	September 19, 2017
Thiocyanate (SCN)	2.76 mg SCN/L	Sous-traitance\Multilab Direct	September 13, 2017
Zinc (Zn)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Dissolved Zinc	0.001 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Total Phosphorus (P)	<0.04 mg P/L	Sous-traitance\H2Lab inc. (SAM)	September 13, 2017

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Detection limit

Lab number: V-67562

Sample name: ST-21 North

Sampling location: ST-21

Sampling date: September 03, 2017

Sampling hour: 12:00

Parameter	Value	Unit	Method	Accreditation
Acidity	2	mg CaCO ₃ /L	M-TIT-1.0	
Alkalinity	2	mg CaCO ₃ /L	M-TIT-1.0	
Aluminium (Al)	0.003	mg/L	Sous-traitance	
Dissolved Aluminium (Al)	0.003	mg/L	Sous-traitance	
Silver (Ag)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Silver (Ag)	0.0001	mg/L	Sous-traitance	
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Arsenic (As)	0.0005	mg/L	Sous-traitance	
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Barium (Ba)	0.0005	mg/L	Sous-traitance	
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Dissolved Cadmium (Cd)	0.00002	mg/L	Sous-traitance	
Dissolved Organic Carbon (D.O.C)	0.2	mg/L	M-COT-1.0	--
Chloride	0.5	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Dissolved Chromium (Cr)	0.0006	mg/L	Sous-traitance	
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Copper (Cu)	0.0005	mg/L	Sous-traitance	
Cyanates (CNO)	0.01	mg CNO/L	Sous-traitance	
Cyanide W.A.D.	0.001	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO ₃ /L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes
Dissolved Iron (Fe)	0.01	mg/L	Sous-traitance	
Ferrous Iron (Fe 2+)		mg/L	Sous-traitance	
Ferric Iron (Fe 3+)		mg/L	Sous-traitance	
Fluoride (F)	0.01	mg/L	Sous-traitance	Yes
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Manganese (Mn)	0.0003	mg/L	Sous-traitance	
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Dissolved Mercury (Hg)	0.00001	mg/L	Sous-traitance	
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Nickel (Ni)	0.0005	mg/L	Sous-traitance	
Nitrate (NO ₃)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO ₂)	0.01	mg N/L	Sous-traitance	Yes
Dissolved oxygen	0.1	mg/L	Sous-traitance	
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes

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Detection limit

Lab number: V-67562

Sample name: ST-21 North

Sampling location: ST-21

Sampling date: September 03, 2017

Sampling hour: 12:00

Parameter	Value	Unit	Method	Accreditation
Dissolved Lead (Pb)	0.0003	mg/L	Sous-traitance	
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Dissolved Selenium (Se)	0.001	mg/L	Sous-traitance	
Dissolved Solids	1	mg/L	M-TIT-1.0	
Sulfate (SO4)	0.6	mg SO4/L	Sous-traitance	Yes
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Dissolved thallium (Tl)	0.0008	mg/L	Sous-traitance	
Thiocyanate (SCN)	0.05	mg SCN/L	Sous-traitance	Yes
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes
Dissolved Zinc	0.001	mg/L	Sous-traitance	
Total Phosphorus (P)	0.04	mg P/L	Sous-traitance	

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Quality control Report

Lab number: V-67562

Sample name: ST-21 North

Sampling location: ST-21

Sampling date: September 03, 2017

Sampling hour: 12:00

Parameter	
Acidity mg CaCO ₃ /L	Standard name STD acidité Result 255 Accuracy 98% Limit 213 - 288
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 144 Accuracy 99.3% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006 Standard name C00-046-705_X_1000 Result 0.923 Accuracy 92.3% Limit 0.800 - 1.200 Sample duplicate 0.046-0.048
Dissolved Aluminium (Al) mg/L	Blank <0.006 Standard name C00-046-705_X_1000 Result 0.871 Accuracy 87.1% Limit 0.800 - 1.200
Silver (Ag) mg/L	Blank <0.0001 Sample duplicate <0.0001-<0.0001
Dissolved Silver (Ag) mg/L	Blank <0.0001
Arsenic (As) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0894 Accuracy 89.4% Limit 0.0700 - 0.1300 Sample duplicate <0.0005-<0.0005
Dissolved Arsenic (As) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0844 Accuracy 84.4% Limit 0.0800 - 0.1200
Barium (Ba) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0947 Accuracy 94.7% Limit 0.0800 - 0.1200 Sample duplicate 0.0265-0.0268
Dissolved Barium (Ba) mg/L	Blank <0.0005

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

This report shall not be reproduced except in full without the written authority of the laboratory.



Quality control Report

Lab number: V-67562

Sample name: ST-21 North

Sampling location: ST-21

Sampling date: September 03, 2017

Sampling hour: 12:00

Parameter	
Cadmium (Cd) mg/L	Standard name C00-046-705_X_1000
	Result 0.0957
	Accuracy 95.7%
	Limit 0.0800 - 0.1200
	Blank <0.00002
Dissolved Cadmium (Cd) mg/L	Standard name C00-046-705_X_1000
	Result 0.08875
	Accuracy 88.7%
	Limit 0.0800 - 0.1200
	Sample duplicate 0.00007-0.00007
Dissolved Organic Carbon (D.O.C) mg/L	Blank <0.00002
	Standard name C00-046-705_X_1000
	Result 0.08660
	Accuracy 86.6%
	Limit 0.0800 - 0.1200
Chloride mg/L	Blank 0.2
	Standard name COD 10mg/L
	Result 10
	Accuracy 100%
	Limit 8 - 12
Chrome (Cr) mg/L	Blank <0.5
	Standard name DMR-0417-2017-Cl
	Result 119
	Accuracy 89.8%
	Limit 95 - 121
Dissolved Chromium (Cr) mg/L	Blank <0.0006
	Standard name C00-046-705_X_1000
	Result 0.0910
	Accuracy 91%
	Limit 0.0800 - 0.1200
Copper (Cu) mg/L	Sample duplicate <0.0006-<0.0006
	Blank <0.0006
	Standard name C00-046-705_X_1000
	Result 0.0868
	Accuracy 86.8%
Copper (Cu) mg/L	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0959
	Accuracy 95.9%

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Quality control Report

Lab number: V-67562

Sample name: ST-21 North

Sampling location: ST-21

Sampling date: September 03, 2017

Sampling hour: 12:00

Parameter	
	Limit 0.0800 - 0.1200
	Sample duplicate 0.0137-0.0134
Dissolved Copper (Cu) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0912
	Accuracy 91.2%
	Limit 0.0800 - 0.1200
Cyanates (CNO) mg CNO/L	Blank <0.01
	Standard name Controle Maison CNO 250 ppm
	Result 220
	Accuracy 88%
	Limit 175 - 325
Cyanide W.A.D. mg/L	Blank <0.001
	Standard name DMR-0343-CN
	Result 0.869
	Accuracy 98.4%
	Limit 0.751 - 1.015
	Sample duplicate 0.004-0.003
Total Cyanide (CNT) mg/L	Blank <0.001
	Standard name DMR-0343-CN
	Result 1.15
	Accuracy 97.5%
	Limit 1.003 - 1.357
	Sample duplicate 0.009-0.009
Hardness mg CaCO3/L	Sample duplicate 340-339
Iron (Fe) mg/L	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 0.99
	Accuracy 99%
	Limit 0.800 - 1.200
	Sample duplicate 0.20-0.20
Dissolved Iron (Fe) mg/L	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 0.96
	Accuracy 96%
	Limit 0.800 - 1.200
Ferrous Iron (Fe 2+) mg/L	Blank <0.01
	Standard name Maison-Fe++-0.5ppm
	Result 0.60
	Accuracy 80%

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Quality control Report

Lab number: V-67562

Sample name: ST-21 North

Sampling location: ST-21

Sampling date: September 03, 2017

Sampling hour: 12:00

Parameter	
	Limit 0.4 - 0.6
Ferric Iron (Fe 3+) mg/L	Blank <0.01
Fluoride (F) mg/L	Blank <0.02
	Standard name Controle maison 2 ppm F
	Result 2.11
	Accuracy 94.5%
	Limit 1.85 - 2.15
Total Suspended Solids mg/L	Blank <1
	Standard name STD-MES 25mg/L
	Result 24
	Accuracy 96%
	Limit 19 - 31
Manganese (Mn) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0944
	Accuracy 94.4%
	Limit 0.0800 - 0.1200
	Sample duplicate 0.1754-0.1757
Dissolved Manganese (Mn) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0915
	Accuracy 91.5%
	Limit 0.0800 - 0.1200
Mercury (Hg) mg/L	Blank <0.00001
	Standard name DMR-0343-2017-HgEu
	Result 0.00056
	Accuracy 80%
	Limit 0.00042 - 0.00098
Dissolved Mercury (Hg) mg/L	Blank <0.00001
	Standard name DMR-0343-2017-HgEu
	Result 0.00047
	Accuracy 67.1%
	Limit 0.00042 - 0.00098
Molybdenum (Mo) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0869
	Accuracy 86.9%
	Limit 0.0800 - 0.1200
	Sample duplicate 0.0492-0.0499
Dissolved Molybdenum (Mo) mg/	Blank <0.0005

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Quality control Report

Lab number: V-67562

Sample name: ST-21 North

Sampling location: ST-21

Sampling date: September 03, 2017

Sampling hour: 12:00

Parameter	
Nickel (Ni) mg/L	Standard name C00-046-705_X_1000
	Result 0.0850
	Accuracy 85%
	Limit 0.0800 - 0.1200
	Blank <0.0005
Dissolved Nickel (Ni) mg/L	Standard name C00-046-705_X_1000
	Result 0.0929
	Accuracy 92.9%
	Limit 0.0800 - 0.1200
	Sample duplicate 0.0156-0.0158
Nitrate (NO3) mg N/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0886
	Accuracy 88.6%
	Limit 0.0800 - 0.1200
Nitrite (NO2) mg N/L	Blank <0.01
	Sample duplicate 1.22-1.23
	Standard name DMR-0417-2017-NO2
	Result 2.74
	Accuracy 98.9%
Lead (Pb) mg/L	Limit 2.30 - 3.12
	Sample duplicate 0.12-0.12
	Blank <0.0003
	Standard name C00-046-705_X_1000
	Result 0.0834
Dissolved Lead (Pb) mg/L	Accuracy 83.4%
	Limit 0.0800 - 0.1200
	Sample duplicate <0.0003-0.0003
	Blank <0.0003
	Standard name C00-046-705_X_1000
Selenium (Se) mg/L	Result 0.0801
	Accuracy 80.1%
	Limit 0.0800 - 0.1200
	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.095
	Accuracy 95%
	Limit 0.0800 - 0.1200
	Sample duplicate 0.005-0.003

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Quality control Report

Lab number: V-67562

Sample name: ST-21 North

Sampling location: ST-21

Sampling date: September 03, 2017

Sampling hour: 12:00

Parameter

Dissolved Selenium (Se) mg/L	Blank <0.001 Standard name C00-046-705_X_1000 Result 0.091 Accuracy 91% Limit 0.0800 - 0.1200
Sulfate (SO4) mg SO4/L	Blank <0.6 Standard name DMR-0417-2017-SO4 Result 125 Accuracy 98.4% Limit 114 - 132
Thallium (Tl) mg/L	Blank <0.0008 Standard name Tl-S140909023-1000ppm Result 906 Accuracy 90.6% Limit 800 - 1200
Dissolved thallium (Tl) mg/L	Blank <0.0008 Standard name Tl-S140909023-1000ppm Result 1047 Accuracy 95.3% Limit 800 - 1200
Thiocyanate (SCN) mg SCN/L	Blank <0.05 Standard name STD SCN 568ppm Result 594 Accuracy 95.4% Limit 398 - 738
Zinc (Zn) mg/L	Blank <0.001 Standard name C00-046-705_X_1000 Result 0.097 Accuracy 97% Limit 0.0800 - 0.1200
Dissolved Zinc mg/L	Sample duplicate <0.001-<0.001 Blank <0.001 Standard name C00-046-705_X_1000 Result 0.093 Accuracy 93% Limit 0.0800 - 0.1200

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Additional information

Lab number: V-67562

Sample name: ST-21 North

Sampling location: ST-21

Sampling date: September 03, 2017

Sampling hour: 12:00

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-CL-2.0	MA.300-Ions 1.3
M-CI-1.0	MA.300-Anions 1.0
M-CN-1.0	MA.300-CN 1.2
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-SULF-2.0	MA.300-Ions 1.3

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-67563

Sampling location: ST-S-2

Sampling date: September 03, 2017

Sample name: ST-S-2

Sampling hour: 12:00

Sampled by: MT/PA

Date received: September 05, 2017

Matrix: Water

Reported on: September 19, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Lab number: V-67563

Sample name: ST-S-2

Sampling location: ST-S-2

Sampling date: September 03, 2017

Sampling hour: 12:00

Parameter	Result	Method name	Analysis date
Alkalinity	123 mg CaCO ₃ /L	M-TIT-1.0	September 06, 2017
Aluminium (Al)	0.067 mg/L	Sous-traitance\Multilab Direct	September 13, 2017
Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	September 13, 2017
Arsenic (As)	0.0218 mg/L	Sous-traitance\Multilab Direct	September 13, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	0.08 mg N/L	Sous-traitance\H2Lab inc. (SAM)	September 12, 2017
Barium (Ba)	0.0230 mg/L	Sous-traitance\Multilab Direct	September 13, 2017
Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	September 13, 2017
Chloride	8.7 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Chrome (Cr)	0.0009 mg/L	Sous-traitance\Multilab Direct	September 13, 2017
Copper (Cu)	0.0042 mg/L	Sous-traitance\Multilab Direct	September 13, 2017
Cyanide W.A.D.	0.006 mg/L	Sous-traitance\Multilab Direct	September 13, 2017
Total Cyanide (CNT)	0.010 mg/L	Sous-traitance\Multilab Direct	September 13, 2017
Hardness	381 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	September 13, 2017
Iron (Fe)	0.14 mg/L	Sous-traitance\Multilab Direct	September 13, 2017
Fluoride (F)	0.22 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Total Suspended Solids	3 mg/L	M-SOLI-1.0	September 07, 2017
Manganese (Mn)	0.0625 mg/L	Sous-traitance\Multilab Direct	September 13, 2017
Mercury (Hg)	0.00003 mg/L	Sous-traitance\Multilab Direct	September 15, 2017
Molybdenum (Mo)	0.0119 mg/L	Sous-traitance\Multilab Direct	September 13, 2017
Ammonia NH ₃ (non-ionized)	<0.01 mg N/L	Sous-traitance\H2Lab inc. (SAM)	September 18, 2017
Nickel (Ni)	0.0354 mg/L	Sous-traitance\Multilab Direct	September 13, 2017
Nitrate (NO ₃)	9.98 mg N/L	Sous-traitance\Multilab Direct	September 07, 2017
Nitrite (NO ₂)	0.02 mg N/L	Sous-traitance\Multilab Direct	September 07, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	September 13, 2017
Selenium (Se)	0.001 mg/L	Sous-traitance\Multilab Direct	September 13, 2017
Dissolved Solids	430 mg/L	M-TIT-1.0	September 06, 2017
Sulfate (SO ₄)	175 mg SO ₄ /L	Sous-traitance\Multilab Direct	September 07, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	September 13, 2017
Zinc (Zn)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 13, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Detection limit

Lab number: V-67563

Sample name: ST-S-2

Sampling location: ST-S-2

Sampling date: September 03, 2017

Sampling hour: 12:00

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO ₃ /L	M-TIT-1.0	
Aluminium (Al)	0.003	mg/L	Sous-traitance	
Silver (Ag)	0.0001	mg/L	Sous-traitance	Yes
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Chloride	0.5	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Cyanide W.A.D.	0.001	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO ₃ /L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes
Fluoride (F)	0.01	mg/L	Sous-traitance	Yes
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Nitrate (NO ₃)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO ₂)	0.01	mg N/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Dissolved Solids	1	mg/L	M-TIT-1.0	
Sulfate (SO ₄)	0.6	mg SO ₄ /L	Sous-traitance	Yes
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes

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Quality control Report

Lab number: V-67563

Sample name: ST-S-2

Sampling location: ST-S-2

Sampling date: September 03, 2017

Sampling hour: 12:00

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 144 Accuracy 99.3% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006 Standard name C00-046-705_X_1000 Result 1.14 Accuracy 86% Limit 0.800 - 1.200
Silver (Ag) mg/L	Blank <0.0001
Arsenic (As) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0928 Accuracy 92.8% Limit 0.0700 - 0.1300
Barium (Ba) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0993 Accuracy 99.3% Limit 0.0800 - 0.1200
Cadmium (Cd) mg/L	Blank <0.00002 Standard name C00-046-705_X_1000 Result 0.09493 Accuracy 94.9% Limit 0.0800 - 0.1200
Chloride mg/L	Blank <0.5 Standard name DMR-0417-2017-Cl Result 119 Accuracy 89.8% Limit 95 - 121
Chrome (Cr) mg/L	Blank <0.0006 Standard name C00-046-705_X_1000 Result 0.1021 Accuracy 97.9% Limit 0.0800 - 0.1200
Copper (Cu) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1022 Accuracy 97.8% Limit 0.0800 - 0.1200

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Quality control Report

Lab number: V-67563

Sample name: ST-S-2

Sampling location: ST-S-2

Sampling date: September 03, 2017

Sampling hour: 12:00

Parameter	
Cyanide W.A.D. mg/L	Blank <0.001 Standard name DMR-0343-CN Result 0.869 Accuracy 98.4% Limit 0.751 - 1.015
Total Cyanide (CNT) mg/L	Blank <0.001 Standard name DMR-0343-CN Result 1.15 Accuracy 97.5% Limit 1.003 - 1.357
Iron (Fe) mg/L	Blank <0.01 Standard name C00-046-705_X_1000 Result 1.20 Accuracy 80% Limit 0.800 - 1.200
Fluoride (F) mg/L	Blank <0.02 Standard name Controle maison 2 ppm F Result 2.11 Accuracy 94.5% Limit 1.85 - 2.15
Total Suspended Solids mg/L	Blank <1 Standard name STD-MES 25mg/L Result 24 Accuracy 96% Limit 19 - 31
Manganese (Mn) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1059 Accuracy 94.1% Limit 0.0800 - 0.1200
Mercury (Hg) mg/L	Blank <0.00001 Standard name DMR-0343-2017-HgEu Result 0.00053 Accuracy 75.7% Limit 0.00042 - 0.00098
Molybdenum (Mo) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0882 Accuracy 88.2% Limit 0.0800 - 0.1200

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Quality control Report

Lab number: V-67563

Sample name: ST-S-2

Sampling location: ST-S-2

Sampling date: September 03, 2017

Sampling hour: 12:00

Parameter

Nickel (Ni) mg/L
Blank <0.0005
Standard name C00-046-705_X_1000
Result 0.0984
Accuracy 98.4%
Limit 0.0800 - 0.1200

Nitrate (NO3) mg N/L
Blank <0.01
Nitrite (NO2) mg N/L
Blank <0.01
Standard name DMR-0417-2017-NO2
Result 2.74
Accuracy 98.9%
Limit 2.30 - 3.12

Lead (Pb) mg/L
Blank <0.0003
Standard name C00-046-705_X_1000
Result 0.0829
Accuracy 82.9%
Limit 0.0800 - 0.1200

Selenium (Se) mg/L
Blank <0.001
Standard name C00-046-705_X_1000
Result 0.093
Accuracy 93%
Limit 0.0800 - 0.1200

Sulfate (SO4) mg SO4/L
Blank <0.6
Standard name DMR-0417-2017-SO4
Result 125
Accuracy 98.4%
Limit 114 - 132

Thallium (Tl) mg/L
Blank <0.0008
Standard name Tl-S140909023-1000ppm
Result 906
Accuracy 90.6%
Limit 800 - 1200

Zinc (Zn) mg/L
Blank <0.001
Standard name C00-046-705_X_1000
Result 0.102
Accuracy 98%
Limit 0.0800 - 0.1200

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Additional information

Lab number: V-67563
Sample name: ST-S-2
Sampling location: ST-S-2

Sampling date: September 03, 2017
Sampling hour: 12:00

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-CL-2.0	MA.300-Ions 1.3
M-CN-1.0	MA.300-CN 1.2
M-CI-1.0	MA.300-Anions 1.0
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-SULF-2.0	MA.300-Ions 1.3

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-67567

Sampling location: Vault pit

Sampling date: September 03, 2017

Sample name: ST-23

Sampling hour: 12:00

Sampled by: MT/PA

Date received: September 05, 2017

Matrix: Waste Water

Reported on: September 26, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Lab number: V-67567

Sample name: ST-23

Sampling location: Vault pit

Sampling date: September 03, 2017

Sampling hour: 12:00

Parameter	Result	Method name	Analysis date
Alkalinity	109 mg CaCO ₃ /L	M-TIT-1.0	September 06, 2017
Aluminium (Al)	0.936 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Dissolved Aluminium (Al)	0.008 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Antimony (Sb)	0.0047 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Dissolved Antimony (Sb)	0.0047 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Dissolved Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	6.2 mg N/L	Sous-traitance\H2Lab inc. (SAM)	September 08, 2017
Barium (Ba)	0.0319 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Dissolved Barium (Ba)	0.0229 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Dissolved Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
bicarbonate (HCO ₃)	109 mg CaCO ₃ /L	M-TIT-1.0	September 06, 2017
Boron (B)	0.01 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Dissolved Boron (B)	0.01 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Cadmium (Cd)	0.00005 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Dissolved Cadmium (Cd)	0.00003 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Calcium (Ca)	67.8 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Carbonate (CO ₃)	<2 mg CaCO ₃ /L	M-TIT-1.0	September 06, 2017
Dissolved Organic Carbon (D.O.C.)	7.0 mg/L	M-COT-1.0	September 06, 2017
Total Organic Carbon (T.O.C.)	7.0 mg/L	M-COT-1.0	September 06, 2017
Chloride	25.8 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Chrome (Cr)	0.0020 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Dissolved Chromium (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Copper (Cu)	0.0022 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Dissolved Copper (Cu)	0.0017 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Total Cyanide (CNT)	0.113 mg/L	Sous-traitance\Multilab Direct	September 13, 2017
Hardness	250 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	September 14, 2017
Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
dissolved Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Iron (Fe)	2.33 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Iron (Fe)	2.33 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Dissolved Iron (Fe)	0.03 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Fluoride (F)	0.13 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Lithium (Li)	0.006 mg/L	Sous-traitance\Multilab Direct	September 19, 2017
Dissolved Lithium (Li)	0.005 mg/L	Sous-traitance\Multilab Direct	September 19, 2017
Total Suspended Solids	85 mg/L	M-SOLI-1.0	September 07, 2017
Magnesium (Mg)	19.6 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Manganese (Mn)	0.2149 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Dissolved Manganese (Mn)	0.1761 mg/L	Sous-traitance\Multilab Direct	September 14, 2017

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Analytical Report

Lab number: V-67567

Sample name: ST-23

Sampling location: Vault pit

Sampling date: September 03, 2017

Sampling hour: 12:00

Parameter	Result	Method name	Analysis date
Mercury (Hg)	0.00001 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Dissolved Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Molybdenum (Mo)	0.0477 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Dissolved Molybdenum (Mo)	0.0456 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Ammonia NH3 (non-ionized)	0.07 mg N/L	Sous-traitance\H2Lab inc. (SAM)	September 18, 2017
Nickel (Ni)	0.0107 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Dissolved Nickel (Ni)	0.0076 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Nitrate (NO3)	8.67 mg N/L	Sous-traitance\Multilab Direct	September 07, 2017
Nitrite (NO2)	0.20 mg N/L	Sous-traitance\Multilab Direct	September 07, 2017
Ortho-Phosphate (O-PO4)	0.11 mg P/L	Sous-traitance\Multilab Direct	September 08, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Dissolved Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Potassium (K)	7.04 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Selenium (Se)	0.003 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Dissolved Selenium (Se)	0.001 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Silica (Si)	7.36 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Sodium (Na)	10.5 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Dissolved Solids	467 mg/L	M-TIT-1.0	September 06, 2017
Strontium (Sr)	0.642 mg/L	Sous-traitance\Multilab Direct	September 19, 2017
dissolved Strontium (Sr)	0.793 mg/L	Sous-traitance\Multilab Direct	September 19, 2017
Sulfate (SO4)	190 mg SO4/L	Sous-traitance\Multilab Direct	September 07, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	September 19, 2017
Dissolved thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	September 19, 2017
Titanium (Ti)	0.08 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Dissolved titanium (Ti)	0.06 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Uranium (U)	0.015 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Dissolved Uranium (U)	0.014 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Vanadium (V)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Dissolved Vanadium	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Zinc (Zn)	0.004 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Dissolved Zinc	<0.001 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Kjeldahl nitrogen	5.82 mg N/L	Sous-traitance\H2Lab inc. (SAM)	September 14, 2017
Total Phosphorus (P)	0.06 mg P/L	Sous-traitance\H2Lab inc. (SAM)	September 18, 2017

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Detection limit

Lab number: V-67567

Sample name: ST-23

Sampling date: September 03, 2017

Sampling location: Vault pit

Sampling hour: 12:00

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO3/L	M-TIT-1.0	
Aluminium (Al)	0.003	mg/L	Sous-traitance	
Dissolved Aluminium (Al)	0.003	mg/L	Sous-traitance	
Antimony (Sb)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Antimony (Sb)	0.0001	mg/L	Sous-traitance	
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Arsenic (As)	0.0005	mg/L	Sous-traitance	
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Barium (Ba)	0.0005	mg/L	Sous-traitance	
Beryllium (Be)	0.0005	mg/L	Sous-traitance	
Dissolved Beryllium (Be)	0.0005	mg/L	Sous-traitance	
bicarbonate (HCO3)	2	mg CaCO3/L	M-TIT-1.0	
Boron (B)	0.01	mg/L	Sous-traitance	Yes
Dissolved Boron (B)	0.006	mg/L	Sous-traitance	
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Dissolved Cadmium (Cd)	0.00002	mg/L	Sous-traitance	
Calcium (Ca)	0.03	mg/L	Sous-traitance	Yes
Carbonate (CO3)	2	mg CaCO3/L	M-TIT-1.0	
Dissolved Organic Carbon (D.O.C.)	0.2	mg/L	M-COT-1.0	--
Total Organic Carbon (T.O.C.)	0.2	mg/L	M-COT-1.0	Yes
Chloride	0.5	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Dissolved Chromium (Cr)	0.0006	mg/L	Sous-traitance	
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Copper (Cu)	0.0005	mg/L	Sous-traitance	
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO3/L	Sous-traitance	
Tin (Sn)	0.001	mg/L	Sous-traitance	Yes
dissolved Tin (Sn)	0.001	mg/L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes
Dissolved Iron (Fe)	0.01	mg/L	Sous-traitance	
Fluoride (F)	0.01	mg/L	Sous-traitance	Yes
Lithium (Li)	0.005	mg/L	Sous-traitance	
Dissolved Lithium (Li)	0.005	mg/L	Sous-traitance	
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Magnesium (Mg)	0.02	mg/L	Sous-traitance	Yes
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Manganese (Mn)	0.0003	mg/L	Sous-traitance	
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes

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Detection limit

Lab number: V-67567

Sample name: ST-23

Sampling date: September 03, 2017

Sampling location: Vault pit

Sampling hour: 12:00

Parameter	Value	Unit	Method	Accreditation
Dissolved Mercury (Hg)	0.00001	mg/L	Sous-traitance	
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Nickel (Ni)	0.0005	mg/L	Sous-traitance	
Nitrate (NO ₃)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO ₂)	0.01	mg N/L	Sous-traitance	Yes
Ortho-Phosphate (O-PO ₄)	0.01	mg P/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Dissolved Lead (Pb)	0.0003	mg/L	Sous-traitance	
Potassium (K)	0.05	mg/L	Sous-traitance	
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Dissolved Selenium (Se)	0.001	mg/L	Sous-traitance	
Silica (Si)	0.01	mg/L	Sous-traitance	
Sodium (Na)	0.05	mg/L	Sous-traitance	Yes
Dissolved Solids	1	mg/L	M-TIT-1.0	
Strontium (Sr)	0.005	mg/L	Sous-traitance	
dissolved Strontium (Sr)	0.005	mg/L	Sous-traitance	
Sulfate (SO ₄)	0.6	mg SO ₄ /L	Sous-traitance	Yes
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Dissolved thallium (Tl)	0.0008	mg/L	Sous-traitance	
Titanium (Ti)	0.01	mg/L	Sous-traitance	
Dissolved titanium (Ti)	0.01	mg/L	Sous-traitance	
Uranium (U)	0.001	mg/L	Sous-traitance	
Dissolved Uranium (U)	0.001	mg/L	Sous-traitance	
Vanadium (V)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Vanadium	0.0005	mg/L	Sous-traitance	
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes
Dissolved Zinc	0.001	mg/L	Sous-traitance	
Kjeldahl nitrogen	0.05	mg N/L	Sous-traitance	
Total Phosphorus (P)	0.04	mg P/L	Sous-traitance	

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Quality control Report

Lab number: V-67567

Sample name: ST-23

Sampling location: Vault pit

Sampling date: September 03, 2017

Sampling hour: 12:00

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 144 Accuracy 99.3% Limit 123 - 167
Dissolved Aluminium (Al) mg/L	Blank <0.006 Standard name C00-046-705_X_1000 Result 0.871 Accuracy 87.1% Limit 0.800 - 1.200
Antimony (Sb) mg/L	Blank <0.0001 Standard name C00-046-705_X_1000 Result 0.0090 Accuracy 90% Limit 0.0080 - 0.0120
Dissolved Antimony (Sb) mg/L	Blank <0.0001 Standard name C00-046-705_X_1000 Result 0.0089 Accuracy 89% Limit 0.0080 - 0.0120
Dissolved Arsenic (As) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0844 Accuracy 84.4% Limit 0.0800 - 0.1200
Kjeldahl nitrogen mg N/L	Blank <0.05 Standard name DMR-0417-2017-NTK Result 6.17 Accuracy 91.2% Limit 4.82 - 6.52
Dissolved Barium (Ba) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0957 Accuracy 95.7% Limit 0.0800 - 0.1200
Dissolved Beryllium (Be) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0856 Accuracy 85.6% Limit 0.0800 - 0.1200
Boron (B) mg/L	Blank <0.01

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Quality control Report

Lab number: V-67567

Sample name: ST-23

Sampling location: Vault pit

Sampling date: September 03, 2017

Sampling hour: 12:00

Parameter	
	Standard name C00-046-705_X_1000
	Result 0.93
	Accuracy 93%
	Limit 0.800 - 1.200
Dissolved Boron (B) mg/L	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 0.88
	Accuracy 88%
	Limit 0.800 - 1.200
Dissolved Cadmium (Cd) mg/L	Blank <0.00002
	Standard name C00-046-705_X_1000
	Result 0.08660
	Accuracy 86.6%
	Limit 0.0800 - 0.1200
Dissolved Organic Carbon (D.O.C.) mg/L	Blank 0.2
	Standard name COD 10mg/L
	Result 10
	Accuracy 100%
	Limit 8 - 12
	Sample duplicate 7.0-7.0
Total Organic Carbon (T.O.C.) mg/L	Blank 0.2
	Standard name COT 10mg/L
	Result 10
	Accuracy 100%
	Limit 8 - 12
	Sample duplicate 7.0-7.0
Chloride mg/L	Blank <0.5
	Standard name DMR-0417-2017-Cl
	Result 119
	Accuracy 89.8%
	Limit 95 - 121
Dissolved Chromium (Cr) mg/L	Blank <0.0006
	Standard name C00-046-705_X_1000
	Result 0.0868
	Accuracy 86.8%
	Limit 0.0800 - 0.1200
Copper (Cu) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0959
	Accuracy 95.9%

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Quality control Report

Lab number: V-67567

Sample name: ST-23

Sampling location: Vault pit

Sampling date: September 03, 2017

Sampling hour: 12:00

Parameter	
Dissolved Copper (Cu) mg/L	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0912
	Accuracy 91.2%
Total Cyanide (CNt) mg/L	Limit 0.0800 - 0.1200
	Blank <0.001
	Standard name DMR-0343-CN
	Result 1.15
	Accuracy 97.5%
Tin (Sn) mg/L	Limit 1.003 - 1.357
	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.087
	Accuracy 87%
dissolved Tin (Sn) mg/L	Limit 0.0800 - 0.1200
	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.087
	Accuracy 87%
Iron (Fe) mg/L	Limit 0.0700 - 0.1300
	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 0.99
	Accuracy 99%
Dissolved Iron (Fe) mg/L	Limit 0.800 - 1.200
	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 0.96
	Accuracy 96%
Fluoride (F) mg/L	Limit 0.800 - 1.200
	Blank <0.02
	Standard name Controle maison 2 ppm F
	Result 2.11
	Accuracy 94.5%
Lithium (Li) mg/L	Limit 1.85 - 2.15
	Blank <0.005
	Standard name DMR-0476-2017-22-Eu
	Result 0.774
	Accuracy 91.5%

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Quality control Report

Lab number: V-67567

Sample name: ST-23

Sampling location: Vault pit

Sampling date: September 03, 2017

Sampling hour: 12:00

Parameter	
Dissolved Lithium (Li) mg/L	Limit 0.677 - 1.015
	Blank <0.005
	Standard name DMR-0476-2017-22-Eu
	Result 0.873
	Accuracy 96.8%
Total Suspended Solids mg/L	Limit 0.677 - 1.015
	Blank <1
	Standard name STD-MES 25mg/L
	Result 24
	Accuracy 96%
Dissolved Manganese (Mn) mg/L	Limit 19 - 31
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0915
	Accuracy 91.5%
Mercury (Hg) mg/L	Limit 0.0800 - 0.1200
	Blank <0.00001
	Standard name DMR-0343-2017-HgEu
	Result 0.00056
	Accuracy 80%
Dissolved Mercury (Hg) mg/L	Limit 0.00042 - 0.00098
	Sample duplicate 0.00001-<0.00001
	Blank <0.00001
	Standard name DMR-0343-2017-HgEu
	Result 0.00047
Dissolved Molybdenum (Mo) mg/L	Accuracy 67.1%
	Limit 0.00042 - 0.00098
	Sample duplicate <0.00001-<0.00001
	Blank <0.0005
	Standard name C00-046-705_X_1000
Dissolved Nickel (Ni) mg/L	Result 0.0850
	Accuracy 85%
	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name C00-046-705_X_1000
Nitrate (NO3) mg N/L	Result 0.0886
	Accuracy 88.6%
	Limit 0.0800 - 0.1200
	Blank <0.01
	Nitrite (NO2) mg N/L
Blank <0.01	

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Quality control Report

Lab number: V-67567

Sample name: ST-23

Sampling location: Vault pit

Sampling date: September 03, 2017

Sampling hour: 12:00

Parameter	
	Standard name DMR-0417-2017-NO2
	Result 2.74
	Accuracy 98.9%
	Limit 2.30 - 3.12
Ortho-Phosphate (O-PO4) mg P/L	Blank 0.01
	Standard name DMR-0417-2017-OPO4
	Result 2.85
	Accuracy 89.3%
	Limit 2.81 - 3.57
Dissolved Lead (Pb) mg/L	Blank <0.0003
	Standard name C00-046-705_X_1000
	Result 0.0801
	Accuracy 80.1%
	Limit 0.0800 - 0.1200
Dissolved Selenium (Se) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.091
	Accuracy 91%
	Limit 0.0800 - 0.1200
Silica (Si) mg/L	Blank <0.01
Strontium (Sr) mg/L	Blank <0.005
	Standard name DMR-0476-2017-22-Eu
	Result 1.39
	Accuracy 87%
	Limit 0.98 - 1.48
dissolved Strontium (Sr) mg/L	Blank <0.005
Sulfate (SO4) mg SO4/L	Blank <0.6
	Standard name DMR-0417-2017-SO4
	Result 125
	Accuracy 98.4%
	Limit 114 - 132
Thallium (Tl) mg/L	Blank <0.0008
	Standard name Tl-S140909023-1000ppm
	Result 917
	Accuracy 91.7%
	Limit 800 - 1200
Dissolved thallium (Tl) mg/L	Blank <0.0008
	Standard name Tl-S140909023-1000ppm
	Result 929
	Accuracy 92.9%

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Quality control Report

Lab number: V-67567

Sample name: ST-23

Sampling location: Vault pit

Sampling date: September 03, 2017

Sampling hour: 12:00

Parameter	
	Limit 800 - 1200
Titanium (Ti) mg/L	Blank <0.01
Dissolved titanium (Ti) mg/L	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 0.0917
	Accuracy 91.7%
	Limit 0.0800 - 0.1200
Dissolved Uranium (U) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.092
	Accuracy 92%
	Limit 0.0800 - 0.1200
Dissolved Vanadium mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0849
	Accuracy 84.9%
	Limit 0.0800 - 0.1200
Dissolved Zinc mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.093
	Accuracy 93%
	Limit 0.0800 - 0.1200

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Additional information

Lab number: V-67567
Sample name: ST-23
Sampling location: Vault pit

Sampling date: September 03, 2017
Sampling hour: 12:00

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-CL-2.0	MA.300-Ions 1.3
M-CN-1.0	MA.300-CN 1.2
M-CI-1.0	MA.300-Anions 1.0
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-P-2.0	MA.303-P 1.1
M-SULF-2.0	MA.300-Ions 1.3

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-67568

Sampling location: ST-25

Sampling date: September 03, 2017

Sample name: ST-25

Sampling hour: 12:00

Sampled by: MT/PA

Date received: September 05, 2017

Matrix: Water

Reported on: September 21, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Lab number: V-67568

Sample name: ST-25

Sampling location: ST-25

Sampling date: September 03, 2017

Sampling hour: 12:00

Parameter	Result	Method name	Analysis date
Alkalinity	52 mg CaCO3/L	M-TIT-1.0	September 06, 2017
Aluminium (Al)	1.40 mg/L	Sous-traitance\Multilab Direct	September 13, 2017
Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	September 13, 2017
Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 13, 2017
Ammonia nitrogen (NH3-NH4)	2.2 mg N/L	Sous-traitance\H2Lab inc. (SAM)	September 08, 2017
Barium (Ba)	0.0381 mg/L	Sous-traitance\Multilab Direct	September 13, 2017
Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	September 13, 2017
Chloride	11.5 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Chrome (Cr)	0.0026 mg/L	Sous-traitance\Multilab Direct	September 13, 2017
Copper (Cu)	0.0062 mg/L	Sous-traitance\Multilab Direct	September 13, 2017
Total Cyanide (CNT)	0.006 mg/L	Sous-traitance\Multilab Direct	September 13, 2017
Hardness	170 mg CaCO3/L	Sous-traitance\Multilab Direct	September 13, 2017
Iron (Fe)	1.91 mg/L	Sous-traitance\Multilab Direct	September 13, 2017
Fluoride (F)	0.07 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Total Suspended Solids	86 mg/L	M-SOLI-1.0	September 07, 2017
Manganese (Mn)	0.0845 mg/L	Sous-traitance\Multilab Direct	September 13, 2017
Mercury (Hg)	0.00002 mg/L	Sous-traitance\Multilab Direct	September 15, 2017
Molybdenum (Mo)	0.0178 mg/L	Sous-traitance\Multilab Direct	September 13, 2017
Ammonia NH3 (non-ionized)	0.03 mg N/L	Sous-traitance\H2Lab inc. (SAM)	September 18, 2017
Nickel (Ni)	0.0053 mg/L	Sous-traitance\Multilab Direct	September 13, 2017
Nitrate (NO3)	5.38 mg N/L	Sous-traitance\Multilab Direct	September 07, 2017
Nitrite (NO2)	0.06 mg N/L	Sous-traitance\Multilab Direct	September 07, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	September 13, 2017
Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 13, 2017
Dissolved Solids	237 mg/L	M-TIT-1.0	September 06, 2017
Sulfate (SO4)	77.2 mg SO4/L	Sous-traitance\Multilab Direct	September 07, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	September 19, 2017
Zinc (Zn)	0.003 mg/L	Sous-traitance\Multilab Direct	September 13, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Detection limit

Lab number: V-67568

Sample name: ST-25

Sampling location: ST-25

Sampling date: September 03, 2017

Sampling hour: 12:00

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO ₃ /L	M-TIT-1.0	
Aluminium (Al)	0.003	mg/L	Sous-traitance	
Silver (Ag)	0.0001	mg/L	Sous-traitance	Yes
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Chloride	0.5	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO ₃ /L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes
Fluoride (F)	0.01	mg/L	Sous-traitance	Yes
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Nitrate (NO ₃)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO ₂)	0.01	mg N/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Dissolved Solids	1	mg/L	M-TIT-1.0	
Sulfate (SO ₄)	0.6	mg SO ₄ /L	Sous-traitance	Yes
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Quality control Report

Lab number: V-67568

Sample name: ST-25

Sampling location: ST-25

Sampling date: September 03, 2017

Sampling hour: 12:00

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 144 Accuracy 99.3% Limit 123 - 167 Sample duplicate 52-52
Aluminium (Al) mg/L	Blank <0.006 Standard name C00-046-705_X_1000 Result 1.14 Accuracy 86% Limit 0.800 - 1.200
Silver (Ag) mg/L	Blank <0.0001
Arsenic (As) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0928 Accuracy 92.8% Limit 0.0700 - 0.1300
Barium (Ba) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0993 Accuracy 99.3% Limit 0.0800 - 0.1200
Cadmium (Cd) mg/L	Blank <0.00002 Standard name C00-046-705_X_1000 Result 0.09493 Accuracy 94.9% Limit 0.0800 - 0.1200
Chloride mg/L	Blank <0.5 Standard name DMR-0417-2017-Cl Result 119 Accuracy 89.8% Limit 95 - 121 Sample duplicate 11.5-11.3
Chrome (Cr) mg/L	Blank <0.0006 Standard name C00-046-705_X_1000 Result 0.1021 Accuracy 97.9% Limit 0.0800 - 0.1200
Copper (Cu) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1022

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Quality control Report

Lab number: V-67568

Sample name: ST-25

Sampling location: ST-25

Sampling date: September 03, 2017

Sampling hour: 12:00

Parameter	
Total Cyanide (CNT) mg/L	Accuracy 97.8%
	Limit 0.0800 - 0.1200
	Blank <0.001
	Standard name DMR-0343-CN
	Result 1.15
Iron (Fe) mg/L	Accuracy 97.5%
	Limit 1.003 - 1.357
	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.20
Fluoride (F) mg/L	Accuracy 80%
	Limit 0.800 - 1.200
	Blank <0.02
	Standard name Controle maison 2 ppm F
	Result 2.11
Total Suspended Solids mg/L	Accuracy 94.5%
	Limit 1.85 - 2.15
	Blank <1
	Standard name STD-MES 25mg/L
	Result 24
Manganese (Mn) mg/L	Accuracy 96%
	Limit 19 - 31
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1059
Mercury (Hg) mg/L	Accuracy 94.1%
	Limit 0.0800 - 0.1200
	Blank <0.00001
	Standard name DMR-0343-2017-HgEu
	Result 0.00053
Molybdenum (Mo) mg/L	Accuracy 75.7%
	Limit 0.00042 - 0.00098
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0882
Nickel (Ni) mg/L	Accuracy 88.2%
	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0984

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Quality control Report

Lab number: V-67568

Sample name: ST-25

Sampling location: ST-25

Sampling date: September 03, 2017

Sampling hour: 12:00

Parameter	
	Accuracy 98.4%
	Limit 0.0800 - 0.1200
Nitrate (NO3) mg N/L	Blank <0.01
Nitrite (NO2) mg N/L	Blank <0.01
	Standard name DMR-0417-2017-NO2
	Result 2.74
	Accuracy 98.9%
	Limit 2.30 - 3.12
Lead (Pb) mg/L	Blank <0.0003
	Standard name C00-046-705_X_1000
	Result 0.0829
	Accuracy 82.9%
	Limit 0.0800 - 0.1200
Selenium (Se) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.093
	Accuracy 93%
	Limit 0.0800 - 0.1200
Dissolved Solids mg/L	Sample duplicate 237-236
Sulfate (SO4) mg SO4/L	Blank <0.6
	Standard name DMR-0417-2017-SO4
	Result 125
	Accuracy 98.4%
	Limit 114 - 132
Thallium (Tl) mg/L	Blank <0.0008
	Standard name Tl-S140909023-1000ppm
	Result 917
	Accuracy 91.7%
	Limit 800 - 1200
Zinc (Zn) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.102
	Accuracy 98%
	Limit 0.0800 - 0.1200

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Additional information

Lab number: V-67568

Sample name: ST-25

Sampling location: ST-25

Sampling date: September 03, 2017

Sampling hour: 12:00

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-CL-2.0	MA.300-Ions 1.3
M-CN-1.0	MA.300-CN 1.2
M-CI-1.0	MA.300-Anions 1.0
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-SULF-2.0	MA.300-Ions 1.3

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-67569

Sampling location: ST-25

Sampling date: September 03, 2017

Sample name: ST-25 FB

Sampling hour: 12:00

Sampled by: MT/PA

Date received: September 05, 2017

Matrix: Water

Reported on: September 21, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Lab number: V-67569

Sample name: ST-25 FB

Sampling location: ST-25

Sampling date: September 03, 2017

Sampling hour: 12:00

Parameter	Result	Method name	Analysis date
Alkalinity	2 mg CaCO ₃ /L	M-TIT-1.0	September 06, 2017
Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	September 13, 2017
Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	September 13, 2017
Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 13, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	0.10 mg N/L	Sous-traitance\H2Lab inc. (SAM)	September 08, 2017
Barium (Ba)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 13, 2017
Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	September 13, 2017
Chloride	<0.5 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Chrome (Cr)	0.0011 mg/L	Sous-traitance\Multilab Direct	September 13, 2017
Copper (Cu)	0.0094 mg/L	Sous-traitance\Multilab Direct	September 13, 2017
Total Cyanide (CNT)	0.004 mg/L	Sous-traitance\Multilab Direct	September 13, 2017
Hardness	<1 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	September 13, 2017
Iron (Fe)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 13, 2017
Fluoride (F)	<0.02 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Total Suspended Solids	1 mg/L	M-SOLI-1.0	September 07, 2017
Manganese (Mn)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 13, 2017
Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	September 15, 2017
Molybdenum (Mo)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 13, 2017
Ammonia NH ₃ (non-ionized)	<0.01 mg N/L	Sous-traitance\H2Lab inc. (SAM)	September 18, 2017
Nickel (Ni)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 13, 2017
Nitrate (NO ₃)	<0.01 mg N/L	Sous-traitance\Multilab Direct	September 07, 2017
Nitrite (NO ₂)	<0.01 mg N/L	Sous-traitance\Multilab Direct	September 07, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	September 13, 2017
Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 13, 2017
Dissolved Solids	1 mg/L	M-TIT-1.0	September 06, 2017
Sulfate (SO ₄)	<0.6 mg SO ₄ /L	Sous-traitance\Multilab Direct	September 07, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	September 19, 2017
Zinc (Zn)	0.006 mg/L	Sous-traitance\Multilab Direct	September 13, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Detection limit

Lab number: V-67569

Sample name: ST-25 FB

Sampling date: September 03, 2017

Sampling location: ST-25

Sampling hour: 12:00

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO ₃ /L	M-TIT-1.0	
Aluminium (Al)	0.003	mg/L	Sous-traitance	
Silver (Ag)	0.0001	mg/L	Sous-traitance	Yes
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Chloride	0.5	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO ₃ /L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes
Fluoride (F)	0.01	mg/L	Sous-traitance	Yes
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Nitrate (NO ₃)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO ₂)	0.01	mg N/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Dissolved Solids	1	mg/L	M-TIT-1.0	
Sulfate (SO ₄)	0.6	mg SO ₄ /L	Sous-traitance	Yes
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes

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Quality control Report

Lab number: V-67569

Sample name: ST-25 FB

Sampling location: ST-25

Sampling date: September 03, 2017

Sampling hour: 12:00

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 144 Accuracy 99.3% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006 Standard name C00-046-705_X_1000 Result 1.14 Accuracy 86% Limit 0.800 - 1.200
Silver (Ag) mg/L	Blank <0.0001
Arsenic (As) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0928 Accuracy 92.8% Limit 0.0700 - 0.1300
Barium (Ba) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0993 Accuracy 99.3% Limit 0.0800 - 0.1200
Cadmium (Cd) mg/L	Blank <0.00002 Standard name C00-046-705_X_1000 Result 0.09493 Accuracy 94.9% Limit 0.0800 - 0.1200
Chloride mg/L	Blank <0.5 Standard name DMR-0417-2017-Cl Result 119 Accuracy 89.8% Limit 95 - 121
Chrome (Cr) mg/L	Blank <0.0006 Standard name C00-046-705_X_1000 Result 0.1021 Accuracy 97.9% Limit 0.0800 - 0.1200
Copper (Cu) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1022 Accuracy 97.8% Limit 0.0800 - 0.1200

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Quality control Report

Lab number: V-67569

Sample name: ST-25 FB

Sampling location: ST-25

Sampling date: September 03, 2017

Sampling hour: 12:00

Parameter

Total Cyanide (CNT) mg/L	Blank <0.001 Standard name DMR-0343-CN Result 1.15 Accuracy 97.5% Limit 1.003 - 1.357
Iron (Fe) mg/L	Blank <0.01 Standard name C00-046-705_X_1000 Result 1.20 Accuracy 80% Limit 0.800 - 1.200
Fluoride (F) mg/L	Blank <0.02 Standard name Controle maison 2 ppm F Result 2.11 Accuracy 94.5% Limit 1.85 - 2.15
Total Suspended Solids mg/L	Sample duplicate <0.02-<0.02 Blank <1 Standard name STD-MES 25mg/L Result 24 Accuracy 96% Limit 19 - 31
Manganese (Mn) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1059 Accuracy 94.1% Limit 0.0800 - 0.1200
Mercury (Hg) mg/L	Blank <0.00001 Standard name DMR-0343-2017-HgEu Result 0.00053 Accuracy 75.7% Limit 0.00042 - 0.00098
Molybdenum (Mo) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0882 Accuracy 88.2% Limit 0.0800 - 0.1200
Nickel (Ni) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0984 Accuracy 98.4%

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Quality control Report

Lab number: V-67569

Sample name: ST-25 FB

Sampling location: ST-25

Sampling date: September 03, 2017

Sampling hour: 12:00

Parameter	
Nitrate (NO ₃) mg N/L	Limit 0.0800 - 0.1200
	Blank <0.01
	Sample duplicate <0.01-<0.01
	Standard name DMR-0417-2017-NO2
Nitrite (NO ₂) mg N/L	Result 2.74
	Accuracy 98.9%
	Limit 2.30 - 3.12
	Sample duplicate <0.01-<0.01
Lead (Pb) mg/L	Blank <0.0003
	Standard name C00-046-705_X_1000
	Result 0.0829
	Accuracy 82.9%
Selenium (Se) mg/L	Limit 0.0800 - 0.1200
	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.093
Sulfate (SO ₄) mg SO ₄ /L	Accuracy 93%
	Limit 0.0800 - 0.1200
	Blank <0.6
	Standard name DMR-0417-2017-SO4
Thallium (Tl) mg/L	Result 125
	Accuracy 98.4%
	Limit 114 - 132
	Blank <0.0008
Zinc (Zn) mg/L	Standard name TI-S140909023-1000ppm
	Result 917
	Accuracy 91.7%
	Limit 800 - 1200
Zinc (Zn) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.102
	Accuracy 98%
	Limit 0.0800 - 0.1200

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Additional information

Lab number: V-67569
Sample name: ST-25 FB
Sampling location: ST-25

Sampling date: September 03, 2017
Sampling hour: 12:00

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-CL-2.0	MA.300-Ions 1.3
M-CN-1.0	MA.300-CN 1.2
M-CI-1.0	MA.300-Anions 1.0
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-SULF-2.0	MA.300-Ions 1.3

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-67570

Sampling location: WEP-1

Sampling date: September 03, 2017

Sample name: ST-30

Sampling hour: 12:00

Sampled by: MT/PA

Date received: September 05, 2017

Matrix: Waste Water

Reported on: September 21, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Lab number: V-67570

Sample name: ST-30

Sampling location: WEP-1

Sampling date: September 03, 2017

Sampling hour: 12:00

Parameter	Result	Method name	Analysis date
Alkalinity	134 mg CaCO ₃ /L	M-TIT-1.0	September 06, 2017
Aluminium (Al)	3.49 mg/L	Sous-traitance\Multilab Direct	September 13, 2017
Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	September 13, 2017
Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 13, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	1.9 mg N/L	Sous-traitance\H2Lab inc. (SAM)	September 08, 2017
Barium (Ba)	0.0370 mg/L	Sous-traitance\Multilab Direct	September 13, 2017
Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	September 13, 2017
Chloride	11.3 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Chrome (Cr)	0.0086 mg/L	Sous-traitance\Multilab Direct	September 13, 2017
Copper (Cu)	0.0168 mg/L	Sous-traitance\Multilab Direct	September 13, 2017
Cyanide W.A.D.	0.007 mg/L	Sous-traitance\Multilab Direct	September 13, 2017
Total Cyanide (CNT)	0.018 mg/L	Sous-traitance\Multilab Direct	September 13, 2017
Hardness	263 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	September 13, 2017
Iron (Fe)	6.90 mg/L	Sous-traitance\Multilab Direct	September 13, 2017
Fluoride (F)	0.14 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Total Suspended Solids	39 mg/L	M-SOLI-1.0	September 07, 2017
Manganese (Mn)	1.198 mg/L	Sous-traitance\Multilab Direct	September 13, 2017
Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	September 15, 2017
Molybdenum (Mo)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 13, 2017
Ammonia NH ₃ (non-ionized)	<0.01 mg N/L	Sous-traitance\H2Lab inc. (SAM)	September 18, 2017
Nickel (Ni)	0.0225 mg/L	Sous-traitance\Multilab Direct	September 13, 2017
Nitrate (NO ₃)	1.09 mg N/L	Sous-traitance\Multilab Direct	September 07, 2017
Nitrite (NO ₂)	0.10 mg N/L	Sous-traitance\Multilab Direct	September 07, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	September 13, 2017
Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 13, 2017
Dissolved Solids	314 mg/L	M-TIT-1.0	September 06, 2017
Sulfate (SO ₄)	91.7 mg SO ₄ /L	Sous-traitance\Multilab Direct	September 07, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	September 19, 2017
Zinc (Zn)	0.008 mg/L	Sous-traitance\Multilab Direct	September 13, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

This report shall not be reproduced except in full without the written authority of the laboratory.



Detection limit

Lab number: V-67570

Sample name: ST-30

Sampling location: WEP-1

Sampling date: September 03, 2017

Sampling hour: 12:00

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO ₃ /L	M-TIT-1.0	
Aluminium (Al)	0.003	mg/L	Sous-traitance	
Silver (Ag)	0.0001	mg/L	Sous-traitance	Yes
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Chloride	0.5	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Cyanide W.A.D.	0.001	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO ₃ /L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes
Fluoride (F)	0.01	mg/L	Sous-traitance	Yes
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Nitrate (NO ₃)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO ₂)	0.01	mg N/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Dissolved Solids	1	mg/L	M-TIT-1.0	
Sulfate (SO ₄)	0.6	mg SO ₄ /L	Sous-traitance	Yes
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

This report shall not be reproduced except in full without the written authority of the laboratory.



Quality control Report

Lab number: V-67570

Sample name: ST-30

Sampling location: WEP-1

Sampling date: September 03, 2017

Sampling hour: 12:00

Parameter	
Alkalinity mg CaCO3/L	Standard name STD alcalinité Result 144 Accuracy 99.3% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006 Standard name C00-046-705_X_1000 Result 1.14 Accuracy 86% Limit 0.800 - 1.200
Silver (Ag) mg/L	Blank <0.0001
Arsenic (As) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0928 Accuracy 92.8% Limit 0.0700 - 0.1300
Barium (Ba) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0993 Accuracy 99.3% Limit 0.0800 - 0.1200
Cadmium (Cd) mg/L	Blank <0.00002 Standard name C00-046-705_X_1000 Result 0.09493 Accuracy 94.9% Limit 0.0800 - 0.1200
Chloride mg/L	Blank <0.5 Standard name DMR-0417-2017-Cl Result 119 Accuracy 89.8% Limit 95 - 121
Chrome (Cr) mg/L	Blank <0.0006 Standard name C00-046-705_X_1000 Result 0.1021 Accuracy 97.9% Limit 0.0800 - 0.1200
Copper (Cu) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1022 Accuracy 97.8% Limit 0.0800 - 0.1200

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Quality control Report

Lab number: V-67570

Sample name: ST-30

Sampling location: WEP-1

Sampling date: September 03, 2017

Sampling hour: 12:00

Parameter	
Cyanide W.A.D. mg/L	Blank <0.001 Standard name DMR-0343-CN Result 0.869 Accuracy 98.4% Limit 0.751 - 1.015
Total Cyanide (CNT) mg/L	Sample duplicate 0.007-0.007 Blank <0.001 Standard name DMR-0343-CN Result 1.15 Accuracy 97.5% Limit 1.003 - 1.357
Iron (Fe) mg/L	Sample duplicate 0.018-0.018 Blank <0.01 Standard name C00-046-705_X_1000 Result 1.20 Accuracy 80% Limit 0.800 - 1.200
Fluoride (F) mg/L	Blank <0.02 Standard name Controle maison 2 ppm F Result 2.11 Accuracy 94.5% Limit 1.85 - 2.15
Total Suspended Solids mg/L	Blank <1 Standard name STD-MES 25mg/L Result 24 Accuracy 96% Limit 19 - 31
Manganese (Mn) mg/L	Sample duplicate 39-44 Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1059 Accuracy 94.1% Limit 0.0800 - 0.1200
Mercury (Hg) mg/L	Blank <0.00001 Standard name DMR-0343-2017-HgEu Result 0.00053 Accuracy 75.7% Limit 0.00042 - 0.00098
Molybdenum (Mo) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Quality control Report

Lab number: V-67570

Sample name: ST-30

Sampling location: WEP-1

Sampling date: September 03, 2017

Sampling hour: 12:00

Parameter	
Nickel (Ni) mg/L	Result 0.0882
	Accuracy 88.2%
	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name C00-046-705_X_1000
Nitrate (NO3) mg N/L	Result 0.0984
	Accuracy 98.4%
	Limit 0.0800 - 0.1200
	Blank <0.01
	Nitrite (NO2) mg N/L
Standard name DMR-0417-2017-NO2	
Result 2.74	
Accuracy 98.9%	
Limit 2.30 - 3.12	
Lead (Pb) mg/L	Blank <0.0003
	Standard name C00-046-705_X_1000
	Result 0.0829
	Accuracy 82.9%
	Limit 0.0800 - 0.1200
Selenium (Se) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.093
	Accuracy 93%
	Limit 0.0800 - 0.1200
Sulfate (SO4) mg SO4/L	Blank <0.6
	Standard name DMR-0417-2017-SO4
	Result 125
	Accuracy 98.4%
	Limit 114 - 132
Thallium (Tl) mg/L	Blank <0.0008
	Standard name TI-S140909023-1000ppm
	Result 917
	Accuracy 91.7%
	Limit 800 - 1200
Zinc (Zn) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.102
	Accuracy 98%
	Limit 0.0800 - 0.1200

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Additional information

Lab number: V-67570

Sample name: ST-30

Sampling location: WEP-1

Sampling date: September 03, 2017

Sampling hour: 12:00

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-CL-2.0	MA.300-Ions 1.3
M-CN-1.0	MA.300-CN 1.2
M-CI-1.0	MA.300-Anions 1.0
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-SULF-2.0	MA.300-Ions 1.3

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

This report shall not be reproduced except in full without the written authority of the laboratory.



Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-67571

Sampling location: WEP-2

Sampling date: September 03, 2017

Sample name: ST-31

Sampling hour: 12:00

Sampled by: MT/PA

Date received: September 05, 2017

Matrix: Waste Water

Reported on: September 21, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
This report shall not be reproduced except in full without the written authority of the laboratory.



Analytical Report

Lab number: V-67571

Sample name: ST-31

Sampling location: WEP-2

Sampling date: September 03, 2017

Sampling hour: 12:00

Parameter	Result	Method name	Analysis date
Alkalinity	115 mg CaCO ₃ /L	M-TIT-1.0	September 06, 2017
Aluminium (Al)	0.110 mg/L	Sous-traitance\Multilab Direct	September 13, 2017
Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	September 13, 2017
Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 13, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	0.26 mg N/L	Sous-traitance\H2Lab inc. (SAM)	September 08, 2017
Barium (Ba)	0.0167 mg/L	Sous-traitance\Multilab Direct	September 13, 2017
Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	September 13, 2017
Chloride	12.1 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Chrome (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	September 13, 2017
Copper (Cu)	0.0018 mg/L	Sous-traitance\Multilab Direct	September 13, 2017
Cyanide W.A.D.	0.004 mg/L	Sous-traitance\Multilab Direct	September 13, 2017
Total Cyanide (CNT)	0.005 mg/L	Sous-traitance\Multilab Direct	September 13, 2017
Hardness	190 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	September 13, 2017
Iron (Fe)	0.96 mg/L	Sous-traitance\Multilab Direct	September 13, 2017
Fluoride (F)	0.15 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Total Suspended Solids	3 mg/L	M-SOLI-1.0	September 07, 2017
Manganese (Mn)	0.3196 mg/L	Sous-traitance\Multilab Direct	September 13, 2017
Mercury (Hg)	0.00007 mg/L	Sous-traitance\Multilab Direct	September 15, 2017
Molybdenum (Mo)	0.0008 mg/L	Sous-traitance\Multilab Direct	September 13, 2017
Ammonia NH ₃ (non-ionized)	<0.01 mg N/L	Sous-traitance\H2Lab inc. (SAM)	September 18, 2017
Nickel (Ni)	0.0052 mg/L	Sous-traitance\Multilab Direct	September 13, 2017
Nitrate (NO ₃)	0.45 mg N/L	Sous-traitance\Multilab Direct	September 07, 2017
Nitrite (NO ₂)	<0.01 mg N/L	Sous-traitance\Multilab Direct	September 07, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	September 13, 2017
Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 13, 2017
Dissolved Solids	238 mg/L	M-TIT-1.0	September 06, 2017
Sulfate (SO ₄)	49.2 mg SO ₄ /L	Sous-traitance\Multilab Direct	September 07, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	September 19, 2017
Zinc (Zn)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 13, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

This report shall not be reproduced except in full without the written authority of the laboratory.



Detection limit

Lab number: V-67571

Sample name: ST-31

Sampling location: WEP-2

Sampling date: September 03, 2017

Sampling hour: 12:00

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO ₃ /L	M-TIT-1.0	
Aluminium (Al)	0.003	mg/L	Sous-traitance	
Silver (Ag)	0.0001	mg/L	Sous-traitance	Yes
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Chloride	0.5	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Cyanide W.A.D.	0.001	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO ₃ /L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes
Fluoride (F)	0.01	mg/L	Sous-traitance	Yes
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Nitrate (NO ₃)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO ₂)	0.01	mg N/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Dissolved Solids	1	mg/L	M-TIT-1.0	
Sulfate (SO ₄)	0.6	mg SO ₄ /L	Sous-traitance	Yes
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Quality control Report

Lab number: V-67571

Sample name: ST-31

Sampling location: WEP-2

Sampling date: September 03, 2017

Sampling hour: 12:00

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 144 Accuracy 99.3% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006 Standard name C00-046-705_X_1000 Result 1.14 Accuracy 86% Limit 0.800 - 1.200
Silver (Ag) mg/L	Blank <0.0001
Arsenic (As) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0928 Accuracy 92.8% Limit 0.0700 - 0.1300
Barium (Ba) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0993 Accuracy 99.3% Limit 0.0800 - 0.1200
Cadmium (Cd) mg/L	Blank <0.00002 Standard name C00-046-705_X_1000 Result 0.09493 Accuracy 94.9% Limit 0.0800 - 0.1200
Chloride mg/L	Blank <0.5 Standard name DMR-0417-2017-Cl Result 119 Accuracy 89.8% Limit 95 - 121
Chrome (Cr) mg/L	Blank <0.0006 Standard name C00-046-705_X_1000 Result 0.1021 Accuracy 97.9% Limit 0.0800 - 0.1200
Copper (Cu) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1022 Accuracy 97.8% Limit 0.0800 - 0.1200

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Quality control Report

Lab number: V-67571

Sample name: ST-31

Sampling location: WEP-2

Sampling date: September 03, 2017

Sampling hour: 12:00

Parameter	
Cyanide W.A.D. mg/L	Blank <0.001 Standard name DMR-0343-CN Result 0.869 Accuracy 98.4% Limit 0.751 - 1.015
Total Cyanide (CNT) mg/L	Blank <0.001 Standard name DMR-0343-CN Result 1.15 Accuracy 97.5% Limit 1.003 - 1.357
Iron (Fe) mg/L	Blank <0.01 Standard name C00-046-705_X_1000 Result 1.20 Accuracy 80% Limit 0.800 - 1.200
Fluoride (F) mg/L	Blank <0.02 Standard name Controle maison 2 ppm F Result 2.11 Accuracy 94.5% Limit 1.85 - 2.15
Total Suspended Solids mg/L	Blank <1 Standard name STD-MES 25mg/L Result 24 Accuracy 96% Limit 19 - 31
Manganese (Mn) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1059 Accuracy 94.1% Limit 0.0800 - 0.1200
Mercury (Hg) mg/L	Blank <0.00001 Standard name DMR-0343-2017-HgEu Result 0.00053 Accuracy 75.7% Limit 0.00042 - 0.00098
Molybdenum (Mo) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0882 Accuracy 88.2% Limit 0.0800 - 0.1200

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Quality control Report

Lab number: V-67571

Sample name: ST-31

Sampling location: WEP-2

Sampling date: September 03, 2017

Sampling hour: 12:00

Parameter

Nickel (Ni) mg/L
Blank <0.0005
Standard name C00-046-705_X_1000
Result 0.0984
Accuracy 98.4%
Limit 0.0800 - 0.1200

Nitrate (NO3) mg N/L
Blank <0.01
Nitrite (NO2) mg N/L
Blank <0.01
Standard name DMR-0417-2017-NO2
Result 2.74
Accuracy 98.9%

Lead (Pb) mg/L
Limit 2.30 - 3.12
Blank <0.0003
Standard name C00-046-705_X_1000
Result 0.0829
Accuracy 82.9%

Selenium (Se) mg/L
Limit 0.0800 - 0.1200
Blank <0.001
Standard name C00-046-705_X_1000
Result 0.093
Accuracy 93%

Sulfate (SO4) mg SO4/L
Limit 0.0800 - 0.1200
Blank <0.6
Standard name DMR-0417-2017-SO4
Result 125
Accuracy 98.4%

Thallium (Tl) mg/L
Limit 114 - 132
Blank <0.0008
Standard name Tl-S140909023-1000ppm
Result 917
Accuracy 91.7%

Zinc (Zn) mg/L
Limit 800 - 1200
Blank <0.001
Standard name C00-046-705_X_1000
Result 0.102
Accuracy 98%

Limit 0.0800 - 0.1200

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Additional information

Lab number: V-67571

Sample name: ST-31

Sampling location: WEP-2

Sampling date: September 03, 2017

Sampling hour: 12:00

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-CL-2.0	MA.300-Ions 1.3
M-CN-1.0	MA.300-CN 1.2
M-CI-1.0	MA.300-Anions 1.0
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-SULF-2.0	MA.300-Ions 1.3

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: M-120989

Sampling location: STP-LJMIX

Sampling date: September 05, 2017

Sample name: STP-LJMIX

Sampling hour: 08:30

Sampled by: MT

Date received: September 06, 2017

Matrix: Waste water

Drinking water distribution: **NA**

Reported on: September 12, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Lab number: M-120989

Sample name: STP-LJMIX

Sampling location: STP-LJMIX

Sampling date: September 05, 2017

Sampling hour: 08:30

Parameter	Result	Method name	Analysis date
Fecal coliforms	> 6 000 CFU/100ml	M-COLI-1,0	September 07, 2017
Total coliforms	300 000 CFU/100ml	M-COLI-2,0	September 07, 2017
Atypical colonies	150 000 CFU/100ml	M-COLI-2,0	September 07, 2017
Temperature	9.5 °C	M-TEMP-1.0	September 06, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Additional information

Lab number: M-120989

Sample name: STP-LJMIX

Sampling location: STP-LJMIX

Sampling date: September 05, 2017

Sampling hour: 08:30

State of the sample at reception : Temperature under 12°C.

Lab method	Method reference
M-COLI-1,0	MA.700-Ecctmi 1.0
M-COLI-2,0	MA.700-Ecctmi 1.0

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-67669

Sampling location: STP-IN

Sampling date: September 05, 2017

Sample name: STP-IN DUP

Sampling hour: 08:30

Sampled by: MT

Date received: September 06, 2017

Matrix: Waste Water

Drinking water distribution:

Reported on: September 19, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Lab number: V-67669

Sample name: STP-IN DUP

Sampling date: September 05, 2017

Sampling location: STP-IN

Sampling hour: 08:30

Parameter	Result	Method name	Analysis date
Ammonia nitrogen (NH ₃ -NH ₄)	88 mg N/L	Sous-traitance\H2Lab inc. (SAM)	September 12, 2017
Kjeldahl nitrogen	93 mg N/L	Sous-traitance\H2Lab inc. (SAM)	September 14, 2017
BOD-5	237 mg/L	Sous-traitance\H2Lab inc. (SAM)	September 13, 2017
COD	531 mg/L	Sous-traitance\H2Lab inc. (SAM)	September 12, 2017
Total Suspended Solids	168 mg/L	M-SOLI-1.0	September 11, 2017
Ammonia NH ₃ (non-ionized)	0.40 mg N/L	Sous-traitance\H2Lab inc. (SAM)	September 18, 2017
Nitrate (NO ₃)	0.03 mg N/L	Sous-traitance\Multilab Direct	September 11, 2017
Nitrite (NO ₂)	0.02 mg N/L	Sous-traitance\Multilab Direct	September 08, 2017
Total Phosphorus (P)	9.2 mg P/L	Sous-traitance\H2Lab inc. (SAM)	September 18, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

This report shall not be reproduced except in full without the written authority of the laboratory.



Detection limit

Lab number: V-67669

Sample name: STP-IN DUP

Sampling date: September 05, 2017

Sampling location: STP-IN

Sampling hour: 08:30

Parameter	Value	Unit	Method	Accreditation
Kjeldahl nitrogen	0.05	mg N/L	Sous-traitance	
BOD-5	1	mg/L	Sous-traitance	
COD	5	mg/L	Sous-traitance	
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Nitrate (NO ₃)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO ₂)	0.01	mg N/L	Sous-traitance	Yes
Total Phosphorus (P)	0.04	mg P/L	Sous-traitance	

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

This report shall not be reproduced except in full without the written authority of the laboratory.



Additional information

Lab number: V-67669
Sample name: STP-IN DUP
Sampling location: STP-IN

Sampling date: September 05, 2017
Sampling hour: 08:30

Lab method	Method reference
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
This report shall not be reproduced except in full without the written authority of the laboratory.



Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: M-120988

Sampling location: STP-IN

Sampling date: September 05, 2017

Sample name: STP-IN

Sampling hour: 08:30

Sampled by: MT

Date received: September 06, 2017

Matrix: Waste water

Drinking water distribution: **NA**

Reported on: September 12, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
This report shall not be reproduced except in full without the written authority of the laboratory.



Analytical Report

Lab number: M-120988

Sample name: STP-IN

Sampling location: STP-IN

Sampling date: September 05, 2017

Sampling hour: 08:30

Parameter	Result	Method name	Analysis date
Fecal coliforms	12 000 000 CFU/100ml	M-COLI-1,0	September 07, 2017
Total coliforms	*** CFU/100ml	M-COLI-2,0	September 07, 2017
Atypical colonies	> 200 000 000 CFU/100ml	M-COLI-2,0	September 07, 2017
Temperature	10 °C	M-TEMP-1.0	September 06, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
This report shall not be reproduced except in full without the written authority of the laboratory.



Additional information

Lab number: M-120988

Sample name: STP-IN

Sampling location: STP-IN

Sampling date: September 05, 2017

Sampling hour: 08:30

State of the sample at reception : Temperature under 12°C.

***** The great number of bacteria restrain distinction of total coliforms and atypical colonies. Number of total coliforms maybe misjudged;it is not mentioned.**

Lab method	Method reference
M-COLI-1,0	MA.700-Ecctmi 1.0
M-COLI-2,0	MA.700-Ecctmi 1.0

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

This report shall not be reproduced except in full without the written authority of the laboratory.



Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-67668

Sampling location: STP-IN

Sampling date: September 05, 2017

Sample name: STP-IN

Sampling hour: 08:30

Sampled by: MT

Date received: September 06, 2017

Matrix: Waste Water

Drinking water distribution:

Reported on: September 19, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
This report shall not be reproduced except in full without the written authority of the laboratory.



Analytical Report

Lab number: V-67668

Sample name: STP-IN

Sampling location: STP-IN

Sampling date: September 05, 2017

Sampling hour: 08:30

Parameter	Result	Method name	Analysis date
Ammonia nitrogen (NH ₃ -NH ₄)	85 mg N/L	Sous-traitance\H2Lab inc. (SAM)	September 12, 2017
Kjeldahl nitrogen	92 mg N/L	Sous-traitance\H2Lab inc. (SAM)	September 14, 2017
BOD-5	267 mg/L	Sous-traitance\H2Lab inc. (SAM)	September 13, 2017
COD	534 mg/L	Sous-traitance\H2Lab inc. (SAM)	September 12, 2017
Total Suspended Solids	153 mg/L	M-SOLI-1.0	September 11, 2017
Ammonia NH ₃ (non-ionized)	0.56 mg N/L	Sous-traitance\H2Lab inc. (SAM)	September 18, 2017
Nitrate (NO ₃)	0.21 mg N/L	Sous-traitance\Multilab Direct	September 11, 2017
Nitrite (NO ₂)	0.01 mg N/L	Sous-traitance\Multilab Direct	September 08, 2017
Total Phosphorus (P)	10 mg P/L	Sous-traitance\H2Lab inc. (SAM)	September 18, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

This report shall not be reproduced except in full without the written authority of the laboratory.



Detection limit

Lab number: V-67668

Sample name: STP-IN

Sampling location: STP-IN

Sampling date: September 05, 2017

Sampling hour: 08:30

Parameter	Value	Unit	Method	Accreditation
Kjeldahl nitrogen	0.05	mg N/L	Sous-traitance	
BOD-5	1	mg/L	Sous-traitance	
COD	5	mg/L	Sous-traitance	
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Nitrate (NO ₃)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO ₂)	0.01	mg N/L	Sous-traitance	Yes
Total Phosphorus (P)	0.04	mg P/L	Sous-traitance	

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Additional information

Lab number: V-67668
Sample name: STP-IN
Sampling location: STP-IN

Sampling date: September 05, 2017
Sampling hour: 08:30

Lab method	Method reference
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-67671

Sampling location: STP-LJMIX

Sampling date: September 05, 2017

Sample name: STP-LJMIX DUP

Sampling hour: 08:30

Sampled by: MT

Date received: September 06, 2017

Matrix: Waste Water

Drinking water distribution:

Reported on: September 19, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Lab number: V-67671

Sample name: STP-LJMIX DUP

Sampling date: September 05, 2017

Sampling location: STP-LJMIX

Sampling hour: 08:30

Parameter	Result	Method name	Analysis date
Ammonia nitrogen (NH ₃ -NH ₄)	9.3 mg N/L	Sous-traitance\H2Lab inc. (SAM)	September 12, 2017
Kjeldahl nitrogen	11 mg N/L	Sous-traitance\H2Lab inc. (SAM)	September 14, 2017
BOD-5	5 mg/L	Sous-traitance\H2Lab inc. (SAM)	September 13, 2017
COD	54 mg/L	Sous-traitance\H2Lab inc. (SAM)	September 11, 2017
Total Suspended Solids	6 mg/L	M-SOLI-1.0	September 11, 2017
Ammonia NH ₃ (non-ionized)	<0.01 mg N/L	Sous-traitance\H2Lab inc. (SAM)	September 18, 2017
Nitrate (NO ₃)	22.0 mg N/L	Sous-traitance\Multilab Direct	September 11, 2017
Nitrite (NO ₂)	0.64 mg N/L	Sous-traitance\Multilab Direct	September 08, 2017
Total Phosphorus (P)	8.7 mg P/L	Sous-traitance\H2Lab inc. (SAM)	September 18, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Detection limit

Lab number: V-67671

Sample name: STP-LJMIX DUP

Sampling date: September 05, 2017

Sampling location: STP-LJMIX

Sampling hour: 08:30

Parameter	Value	Unit	Method	Accreditation
Kjeldahl nitrogen	0.05	mg N/L	Sous-traitance	
BOD-5	1	mg/L	Sous-traitance	
COD	5	mg/L	Sous-traitance	
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Nitrate (NO ₃)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO ₂)	0.01	mg N/L	Sous-traitance	Yes
Total Phosphorus (P)	0.04	mg P/L	Sous-traitance	

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Quality control Report

Lab number: V-67671

Sample name: STP-LJMIX DUP

Sampling date: September 05, 2017

Sampling location: STP-LJMIX

Sampling hour: 08:30

Parameter

Total Suspended Solids mg/L	Blank <1
	Standard name STD-MES 25mg/L
	Result 26
	Accuracy 96%
	Limit 19 - 31

Nitrate (NO3) mg N/L	Blank <0.01
Nitrite (NO2) mg N/L	Blank <0.01
	Standard name DMR-0417-2017-NO2
	Result 2.77
	Accuracy 97.8%
	Limit 2.30 - 3.12

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Additional information

Lab number: V-67671

Sample name: STP-LJMIX DUP

Sampling location: STP-LJMIX

Sampling date: September 05, 2017

Sampling hour: 08:30

Lab method	Method reference
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-67670

Sampling location: STP-LJMIX

Sampling date: September 05, 2017

Sample name: STP-LJMIX

Sampling hour: 08:30

Sampled by: MT

Date received: September 06, 2017

Matrix: Waste Water

Drinking water distribution:

Reported on: September 19, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Lab number: V-67670

Sample name: STP-LJMIX

Sampling location: STP-LJMIX

Sampling date: September 05, 2017

Sampling hour: 08:30

Parameter	Result	Method name	Analysis date
Ammonia nitrogen (NH ₃ -NH ₄)	7.6 mg N/L	Sous-traitance\H2Lab inc. (SAM)	September 12, 2017
Kjeldahl nitrogen	11 mg N/L	Sous-traitance\H2Lab inc. (SAM)	September 14, 2017
BOD-5	6 mg/L	Sous-traitance\H2Lab inc. (SAM)	September 13, 2017
COD	55 mg/L	Sous-traitance\H2Lab inc. (SAM)	September 11, 2017
Total Suspended Solids	4 mg/L	M-SOLI-1.0	September 11, 2017
Ammonia NH ₃ (non-ionized)	<0.01 mg N/L	Sous-traitance\H2Lab inc. (SAM)	September 18, 2017
Nitrate (NO ₃)	21.9 mg N/L	Sous-traitance\Multilab Direct	September 11, 2017
Nitrite (NO ₂)	0.65 mg N/L	Sous-traitance\Multilab Direct	September 08, 2017
Total Phosphorus (P)	7.9 mg P/L	Sous-traitance\H2Lab inc. (SAM)	September 18, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Detection limit

Lab number: V-67670

Sample name: STP-LJMIX

Sampling location: STP-LJMIX

Sampling date: September 05, 2017

Sampling hour: 08:30

Parameter	Value	Unit	Method	Accreditation
Kjeldahl nitrogen	0.05	mg N/L	Sous-traitance	
BOD-5	1	mg/L	Sous-traitance	
COD	5	mg/L	Sous-traitance	
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Nitrate (NO ₃)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO ₂)	0.01	mg N/L	Sous-traitance	Yes
Total Phosphorus (P)	0.04	mg P/L	Sous-traitance	

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Additional information

Lab number: V-67670
Sample name: STP-LJMIX
Sampling location: STP-LJMIX

Sampling date: September 05, 2017
Sampling hour: 08:30

Lab method	Method reference
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-67673

Sampling location: STP-SEP

Sampling date: September 05, 2017

Sample name: STP-SEP DUP

Sampling hour: 08:30

Sampled by: MT

Date received: September 06, 2017

Matrix: Waste Water

Drinking water distribution:

Reported on: September 19, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Lab number: V-67673

Sample name: STP-SEP DUP

Sampling date: September 05, 2017

Sampling location: STP-SEP

Sampling hour: 08:30

Parameter	Result	Method name	Analysis date
Ammonia nitrogen (NH ₃ -NH ₄)	50 mg N/L	Sous-traitance\H2Lab inc. (SAM)	September 12, 2017
Kjeldahl nitrogen	56 mg N/L	Sous-traitance\H2Lab inc. (SAM)	September 14, 2017
BOD-5	7 mg/L	Sous-traitance\H2Lab inc. (SAM)	September 13, 2017
COD	72 mg/L	Sous-traitance\H2Lab inc. (SAM)	September 12, 2017
Total Suspended Solids	11 mg/L	M-SOLI-1.0	September 11, 2017
Ammonia NH ₃ (non-ionized)	0.32 mg N/L	Sous-traitance\H2Lab inc. (SAM)	September 18, 2017
Nitrate (NO ₃)	1.35 mg N/L	Sous-traitance\Multilab Direct	September 11, 2017
Nitrite (NO ₂)	1.59 mg N/L	Sous-traitance\Multilab Direct	September 08, 2017
Total Phosphorus (P)	7.7 mg P/L	Sous-traitance\H2Lab inc. (SAM)	September 18, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Detection limit

Lab number: V-67673

Sample name: STP-SEP DUP

Sampling date: September 05, 2017

Sampling location: STP-SEP

Sampling hour: 08:30

Parameter	Value	Unit	Method	Accreditation
Kjeldahl nitrogen	0.05	mg N/L	Sous-traitance	
BOD-5	1	mg/L	Sous-traitance	
COD	5	mg/L	Sous-traitance	
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Nitrate (NO ₃)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO ₂)	0.01	mg N/L	Sous-traitance	Yes
Total Phosphorus (P)	0.04	mg P/L	Sous-traitance	

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Additional information

Lab number: V-67673

Sample name: STP-SEP DUP

Sampling location: STP-SEP

Sampling date: September 05, 2017

Sampling hour: 08:30

Lab method	Method reference
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: M-120990

Sampling location: STP-SEP

Sampling date: September 05, 2017

Sample name: STP-SEP

Sampling hour: 08:30

Sampled by: MT

Date received: September 06, 2017

Matrix: Waste water

Drinking water distribution: **NA**

Reported on: September 12, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
This report shall not be reproduced except in full without the written authority of the laboratory.



Analytical Report

Lab number: M-120990

Sample name: STP-SEP

Sampling location: STP-SEP

Sampling date: September 05, 2017

Sampling hour: 08:30

Parameter	Result	Method name	Analysis date
Fecal coliforms	300 CFU/100ml	M-COLI-1,0	September 07, 2017
Total coliforms	10 000 CFU/100ml	M-COLI-2,0	September 07, 2017
Atypical colonies	330 000 CFU/100ml	M-COLI-2,0	September 07, 2017
Temperature	12 °C	M-TEMP-1.0	September 06, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
This report shall not be reproduced except in full without the written authority of the laboratory.



Additional information

Lab number: M-120990

Sample name: STP-SEP

Sampling location: STP-SEP

Sampling date: September 05, 2017

Sampling hour: 08:30

State of the sample at reception : Temperature greater than 12°C.

Lab method	Method reference
M-COLI-1,0	MA.700-Ecctmi 1.0
M-COLI-2,0	MA.700-Ecctmi 1.0

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-67672

Sampling location: STP-SEP

Sampling date: September 05, 2017

Sample name: STP-SEP

Sampling hour: 08:30

Sampled by: MT

Date received: September 06, 2017

Matrix: Waste Water

Drinking water distribution:

Reported on: September 19, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
This report shall not be reproduced except in full without the written authority of the laboratory.



Analytical Report

Lab number: V-67672

Sample name: STP-SEP

Sampling location: STP-SEP

Sampling date: September 05, 2017

Sampling hour: 08:30

Parameter	Result	Method name	Analysis date
Ammonia nitrogen (NH ₃ -NH ₄)	54 mg N/L	Sous-traitance\H2Lab inc. (SAM)	September 12, 2017
Kjeldahl nitrogen	55 mg N/L	Sous-traitance\H2Lab inc. (SAM)	September 14, 2017
BOD-5	7 mg/L	Sous-traitance\H2Lab inc. (SAM)	September 13, 2017
COD	76 mg/L	Sous-traitance\H2Lab inc. (SAM)	September 12, 2017
Total Suspended Solids	9 mg/L	M-SOLI-1.0	September 11, 2017
Ammonia NH ₃ (non-ionized)	0.32 mg N/L	Sous-traitance\H2Lab inc. (SAM)	September 18, 2017
Nitrate (NO ₃)	1.40 mg N/L	Sous-traitance\Multilab Direct	September 11, 2017
Nitrite (NO ₂)	1.59 mg N/L	Sous-traitance\Multilab Direct	September 08, 2017
Total Phosphorus (P)	9.3 mg P/L	Sous-traitance\H2Lab inc. (SAM)	September 18, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

This report shall not be reproduced except in full without the written authority of the laboratory.



Detection limit

Lab number: V-67672

Sample name: STP-SEP

Sampling location: STP-SEP

Sampling date: September 05, 2017

Sampling hour: 08:30

Parameter	Value	Unit	Method	Accreditation
Kjeldahl nitrogen	0.05	mg N/L	Sous-traitance	
BOD-5	1	mg/L	Sous-traitance	
COD	5	mg/L	Sous-traitance	
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Nitrate (NO ₃)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO ₂)	0.01	mg N/L	Sous-traitance	Yes
Total Phosphorus (P)	0.04	mg P/L	Sous-traitance	

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

This report shall not be reproduced except in full without the written authority of the laboratory.



Additional information

Lab number: V-67672
Sample name: STP-SEP
Sampling location: STP-SEP

Sampling date: September 05, 2017
Sampling hour: 08:30

Lab method	Method reference
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-67677

Sampling location: ST-8/ST-MMER-3ab 65.01.11.2. N 96.02.32.0W

Sampling date: September 06, 2017

Sample name: ST-8/ST-MMER-3 DUP

Sampling hour: 08:00

Sampled by: MT/JK

Date received: September 07, 2017

Matrix: Water

Drinking water distribution:

Reported on: September 19, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Lab number: V-67677

Sample name: ST-8/ST-MMER-3 DUP

Sampling date: September 06, 2017

Sampling location: ST-8/ST-MMER-3ab 65.01.11.2. N 96.02.32.0W

Sampling hour: 08:00

Parameter	Result	Method name	Analysis date
Aluminium (Al)	0.018 mg/L	Sous-traitance\Multilab Direct	September 18, 2017
Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 18, 2017
Copper (Cu)	0.0008 mg/L	Sous-traitance\Multilab Direct	September 18, 2017
Total Cyanide (CNT)	0.001 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Total Suspended Solids	<1 mg/L	M-SOLI-1.0	September 11, 2017
Nickel (Ni)	0.0009 mg/L	Sous-traitance\Multilab Direct	September 18, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	September 18, 2017
Radium (Ra 226)	<0.002 Becquerels/L	M-RA-2.0	September 19, 2017
Sulfate (SO4)	18.8 mg SO4/L	Sous-traitance\Multilab Direct	September 11, 2017
Zinc (Zn)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 18, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
This report shall not be reproduced except in full without the written authority of the laboratory.



Detection limit

Lab number: V-67677

Sample name: ST-8/ST-MMER-3 DUP

Sampling date: September 06, 2017

Sampling location: ST-8/ST-MMER-3ab 65.01.11.2. N 96.02.32.0W

Sampling hour: 08:00

Parameter	Value	Unit	Method	Accreditation
Aluminium (Al)	0.003	mg/L	Sous-traitance	
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Radium (Ra 226)	0.002	Becquerels/L	M-RA-2.0	Yes
Sulfate (SO4)	0.6	mg SO4/L	Sous-traitance	Yes
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

This report shall not be reproduced except in full without the written authority of the laboratory.



Quality control Report

Lab number: V-67677

Sample name: ST-8/ST-MMER-3 DUP

Sampling date: September 06, 2017

Sampling location: ST-8/ST-MMER-3ab 65.01.11.2. N 96.02.32.0W

Sampling hour: 08:00

Parameter	
Aluminium (Al) mg/L	Blank <0.006 Standard name DMR-0476-2017-22-Eu Result 5.67 Accuracy 90.4% Limit 5.02 - 7.52
Arsenic (As) mg/L	Blank <0.0005 Standard name DMR-0476-2017-22-Eu Result 0.2379 Accuracy 83.8% Limit 0.199 - 0.369
Copper (Cu) mg/L	Blank <0.0005 Standard name DMR-0476-2017-22-Eu Result 1.263 Accuracy 98.7% Limit 1.02 - 1.54
Total Cyanide (CNT) mg/L	Blank <0.001 Standard name DMR-0343-CN Result 1.15 Accuracy 97.5% Limit 1.003 - 1.357 Sample duplicate 0.001-0.002
Total Suspended Solids mg/L	Blank <1 Standard name STD-MES 25mg/L Result 26 Accuracy 96% Limit 19 - 31
Nickel (Ni) mg/L	Blank <0.0005 Standard name DMR-0476-2017-22-Eu Result 1.014 Accuracy 88.9% Limit 0.91 - 1.37
Lead (Pb) mg/L	Blank <0.0003 Standard name DMR-0476-2017-22-Eu Result 0.7814 Accuracy 86.5% Limit 0.722 - 1.084
Radium (Ra 226) Becquerels/L	Blank <0.002 Standard name STD 54982 Result 0.064 Accuracy 92.8%

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Additional information

Lab number: V-67677

Sample name: ST-8/ST-MMER-3 DUP

Sampling date: September 06, 2017

Sampling location: ST-8/ST-MMER-3ab 65.01.11.2. N 96.02.32.0W

Sampling hour: 08:00

Lab method	Method reference
M-MET-3.0	MA.200-Mét. 1.2
M-CN-1.0	MA.300-CN 1.2
M-SOLI-1.0	MA.104-S.S. 1.1
M-RA-2.0	APHA 7500-Ra B et EPA P.13 (EMSL-CI)
M-SULF-2.0	MA.300-Ions 1.3

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

This report shall not be reproduced except in full without the written authority of the laboratory.



Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-67678

Sampling location: ST-8/ST-MMER-3ab Monthly 65.01.11.2. N 96.02.3

Sampling date: September 06, 2017

Sample name: ST-8/ST-MMER-3 FB

Sampling hour: 08:00

Sampled by: MT/JK

Date received: September 07, 2017

Matrix: Water

Reported on: October 02, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
This report shall not be reproduced except in full without the written authority of the laboratory.



Analytical Report

Lab number: V-67678

Sample name: ST-8/ST-MMER-3 FB

Sampling date: September 06, 2017

Sampling location: ST-8/ST-MMER-3ab Monthly 65.01.11.2. N 96.02.1

Sampling hour: 08:00

Parameter	Result	Method name	Analysis date
Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	September 18, 2017
Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 18, 2017
Copper (Cu)	1.021 mg/L	Sous-traitance\Multilab Direct	September 26, 2017
Total Cyanide (CNT)	0.001 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Total Suspended Solids	1 mg/L	M-SOLI-1.0	September 11, 2017
Nickel (Ni)	0.0194 mg/L	Sous-traitance\Multilab Direct	September 26, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	September 18, 2017
Radium (Ra 226)	<0.002 Becquerels/L	M-RA-2.0	September 19, 2017
Sulfate (SO4)	<0.6 mg SO4/L	Sous-traitance\Multilab Direct	September 11, 2017
Zinc (Zn)	0.234 mg/L	Sous-traitance\Multilab Direct	September 26, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
This report shall not be reproduced except in full without the written authority of the laboratory.



Detection limit

Lab number: V-67678

Sample name: ST-8/ST-MMER-3 FB

Sampling date: September 06, 2017

Sampling location: ST-8/ST-MMER-3ab Monthly 65.01.11.2. N 96.02.1

Sampling hour: 08:00

Parameter	Value	Unit	Method	Accreditation
Aluminium (Al)	0.003	mg/L	Sous-traitance	
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Radium (Ra 226)	0.002	Becquerels/L	M-RA-2.0	Yes
Sulfate (SO4)	0.6	mg SO4/L	Sous-traitance	Yes
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
This report shall not be reproduced except in full without the written authority of the laboratory.



Quality control Report

Lab number: V-67678

Sample name: ST-8/ST-MMER-3 FB

Sampling date: September 06, 2017

Sampling location: ST-8/ST-MMER-3ab Monthly 65.01.11.2. N 96.02.1

Sampling hour: 08:00

Parameter

Aluminium (Al) mg/L
Blank <0.006
Standard name DMR-0476-2017-22-Eu
Result 5.67
Accuracy 90.4%
Limit 5.02 - 7.52

Arsenic (As) mg/L
Blank <0.0005
Standard name DMR-0476-2017-22-Eu
Result 0.2379
Accuracy 83.8%
Limit 0.199 - 0.369

Copper (Cu) mg/L
Blank <0.0005
Standard name DMR-0476-2017-22-Eu
Result 1.389
Accuracy 91.5%
Limit 1.02 - 1.54

Copper (Cu) mg/L
Blank <0.0005
Standard name DMR-0476-2017-22-Eu
Result 1.263
Accuracy 98.7%
Limit 1.02 - 1.54

Total Cyanide (CNT) mg/L
Blank <0.001
Standard name DMR-0343-CN
Result 1.15
Accuracy 97.5%
Limit 1.003 - 1.357

Total Suspended Solids mg/L
Blank <1
Standard name STD-MES 25mg/L
Result 26
Accuracy 96%
Limit 19 - 31

Nickel (Ni) mg/L
Blank <0.0005
Standard name DMR-0476-2017-22-Eu
Result 1.177
Accuracy 96.8%
Limit 0.91 - 1.37

Nickel (Ni) mg/L
Blank <0.0005
Standard name DMR-0476-2017-22-Eu
Result 1.014
Accuracy 88.9%
Limit 0.91 - 1.37

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
This report shall not be reproduced except in full without the written authority of the laboratory.



Additional information

Lab number: V-67678

Sample name: ST-8/ST-MMER-3 FB

Sampling date: September 06, 2017

Sampling location: ST-8/ST-MMER-3ab Monthly65.01.11.2.N96.02.32.

Sampling hour: 08:00

Lab method	Method reference
M-MET-3.0	MA.200-Mét. 1.2
M-CN-1.0	MA.300-CN 1.2
M-SOLI-1.0	MA.104-S.S. 1.1
M-RA-2.0	APHA 7500-Ra B et EPA P.13 (EMSL-CI)
M-SULF-2.0	MA.300-Ions 1.3

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

This report shall not be reproduced except in full without the written authority of the laboratory.



Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-67676

Sampling location: ST-8/ST-MMER-3ab 65.01.11.2. N 96.02.32.0W

Sampling date: September 06, 2017

Sample name: ST-8/ST-MMER-3

Sampling hour: 08:00

Sampled by: MT/JK

Date received: September 07, 2017

Matrix: Water

Drinking water distribution:

Reported on: September 27, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
This report shall not be reproduced except in full without the written authority of the laboratory.



Analytical Report

Lab number: V-67676

Sample name: ST-8/ST-MMER-3

Sampling date: September 06, 2017

Sampling location: ST-8/ST-MMER-3ab 65.01.11.2. N 96.02.32.0W

Sampling hour: 08:00

Parameter	Result	Method name	Analysis date
Aluminium (Al)	0.015 mg/L	Sous-traitance\Multilab Direct	September 18, 2017
Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 18, 2017
Copper (Cu)	0.0008 mg/L	Sous-traitance\Multilab Direct	September 18, 2017
Total Cyanide (CNT)	0.003 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Daphnia Magna	See sub file	Sous-traitance\Eurofins	September 08, 2017
Total Suspended Solids	3 mg/L	M-SOLI-1.0	September 11, 2017
Nickel (Ni)	0.0008 mg/L	Sous-traitance\Multilab Direct	September 18, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	September 18, 2017
Radium (Ra 226)	<0.002 Becquerels/L	M-RA-2.0	September 19, 2017
Sulfate (SO4)	19.0 mg SO4/L	Sous-traitance\Multilab Direct	September 11, 2017
Rainbow trout	See sub file	Sous-traitance\Eurofins	September 11, 2017
Zinc (Zn)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 18, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
This report shall not be reproduced except in full without the written authority of the laboratory.



Detection limit

Lab number: V-67676

Sample name: ST-8/ST-MMER-3

Sampling date: September 06, 2017

Sampling location: ST-8/ST-MMER-3ab 65.01.11.2. N 96.02.32.0W

Sampling hour: 08:00

Parameter	Value	Unit	Method	Accreditation
Aluminium (Al)	0.003	mg/L	Sous-traitance	
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Daphnia Magna			Sous-traitance	Yes
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Radium (Ra 226)	0.002	Becquerels/L	M-RA-2.0	Yes
Sulfate (SO4)	0.6	mg SO4/L	Sous-traitance	Yes
Rainbow trout			Sous-traitance	Yes
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
This report shall not be reproduced except in full without the written authority of the laboratory.



Quality control Report

Lab number: V-67676

Sample name: ST-8/ST-MMER-3

Sampling date: September 06, 2017

Sampling location: ST-8/ST-MMER-3ab 65.01.11.2. N 96.02.32.0W

Sampling hour: 08:00

Parameter	
Aluminium (Al) mg/L	Blank <0.006 Standard name DMR-0476-2017-22-Eu Result 5.67 Accuracy 90.4% Limit 5.02 - 7.52
Arsenic (As) mg/L	Blank <0.0005 Standard name DMR-0476-2017-22-Eu Result 0.2379 Accuracy 83.8% Limit 0.199 - 0.369
Copper (Cu) mg/L	Blank <0.0005 Standard name DMR-0476-2017-22-Eu Result 1.263 Accuracy 98.7% Limit 1.02 - 1.54
Total Cyanide (CNT) mg/L	Blank <0.001 Standard name DMR-0343-CN Result 1.15 Accuracy 97.5% Limit 1.003 - 1.357
Total Suspended Solids mg/L	Blank <1 Standard name STD-MES 25mg/L Result 26 Accuracy 96% Limit 19 - 31
Nickel (Ni) mg/L	Blank <0.0005 Standard name DMR-0476-2017-22-Eu Result 1.014 Accuracy 88.9% Limit 0.91 - 1.37
Lead (Pb) mg/L	Blank <0.0003 Standard name DMR-0476-2017-22-Eu Result 0.7814 Accuracy 86.5% Limit 0.722 - 1.084
Radium (Ra 226) Becquerels/L	Blank <0.002 Standard name STD 54982 Result 0.064 Accuracy 92.8% Limit 0.059 - 0.079

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

This report shall not be reproduced except in full without the written authority of the laboratory.



Quality control Report

Lab number: V-67676

Sample name: ST-8/ST-MMER-3

Sampling date: September 06, 2017

Sampling location: ST-8/ST-MMER-3ab 65.01.11.2. N 96.02.32.0W

Sampling hour: 08:00

Parameter

Zinc (Zn) mg/L	Blank <0.001
	Standard name DMR-0476-2017-22-Eu
	Result 4.40
	Accuracy 96.5%
	Limit 3.65 - 5.47

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
 This report shall not be reproduced except in full without the written authority of the laboratory.



Additional information

Lab number: V-67676

Sample name: ST-8/ST-MMER-3

Sampling date: September 06, 2017

Sampling location: ST-8/ST-MMER-3ab 65.01.11.2. N 96.02.32.0W

Sampling hour: 08:00

Lab method	Method reference
M-MET-3.0	MA.200-Mét. 1.2
M-CN-1.0	MA.300-CN 1.2
M-SOLI-1.0	MA.104-S.S. 1.1
M-RA-2.0	APHA 7500-Ra B et EPA P.13 (EMSL-CI)
M-SULF-2.0	MA.300-Ions 1.3

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Client : 6088 H2LAB
Client Project Name & Number: -

Job Number: B755687
No. d'échantillon : EO1855-02

Test Result:

48 hrs LC50 %v/v (95% CL): >100 (N/A) Statistical Method: Visual
48 hrs EC50 %v/v (95% CL): >100 (N/A) Statistical Method: Visual

Toxic Units: <1.0
Comment: non-toxique

Sample Name : 67888 ST-10/ST-MMER-2

Sample Matrix : WATER

Description: Incolore, translucide, inodore, peu de solides décantables

Sample Prior to Analysis:

Sample Collected: Sep 11, 2017 08:00 AM

Sampling Method : Grab

pH: 7.3

Sample Collected By: MARTIN THERIAULT

Site Collection: ST-10 N 65 04.119 W
95 59.52.7

Temperature : 22 °C

Sample Received: Sep 13, 2017 09:30 AM

Volume Received: 1 L

Dissolved Oxygen: 8.4 mg/L

Analysis Start : Sep 14, 2017 12:00 PM

Temp. Upon Arrival: 18 °C

Sample Conductance: 414 µS/cm

End : Sep 16, 2017 11:25 AM

Storage: 2-6°C

Hardness: 164 mg CaCO₃/L

Concentration	Temperature (°C)	pH (pH)	Conductivity (uS/cm)	Dissolved oxygen (mg/L)	Temperature (°C)	pH (pH)	Dissolved oxygen (mg/L)	Immobility (#)	Immobility (%)	Mortality (#)	Mortality (%)
%v/v	Initial	Initial	Initial	Initial	48 hrs	48 hr	48 hrs	48 hrs	48 hrs	48 hrs	48 hrs
0	20	7.8	459	8.3	21	7.7	7.9	0	0	0	0
6.25	20	7.8	476	8.3	20	7.8	8.6	0	0	0	0
12.5	20	7.8	478	8.3	21	7.8	8.1	0	0	0	0
25	20	7.8	465	8.3	21	7.8	8.4	0	0	0	0
50	20	7.8	454	8.3	21	7.8	8.3	0	0	0	0
100	21	7.7	421	8.8	21	7.9	8.5	0	0	0	0

Comments : Aucune anomalie observée durant l'essai.

Culture/Control/Dilution Water: Reconstituted water for Daphnia

Hardness: 170 mg/l CaCO₃ Other parameters available on request.

Test Conditions Test concentration : 0,6.25,12.5,25,50,100 (%v/v)

Organisms per Vessel : 10 Pre-aeration Time : 0 min Rate of Pre-aeration : 40±5 mL/min/L
Total # of Organisms Used : 60 Test Temperature : 20 ± 2 °C Test Hardness Adjusted : No
Test Volume : 150 mL Vessel Volume : 270 ml Test pH Adjusted: No
Loading Density : 15.0 mL/Daphnia Photoperiod : 16 hours of light; 8 hours of darkness

Test Organism : *Daphnia magna*

Source : Maxxam Lab Culture

Age at Test Initiation : <24 hres

Average Brood Size : 21.5

Culture Photoperiod : 16 hours of light; 8 hours of darkness

% Mortality within 7 days : 1.0

Culture Temperature : 20 ± 2 °C

Time To First Brood : 7 Days

Culture Diet Fed once a day.

Reference chemical: Potassium Dichromate

Test Date: Sep 12, 2017

Test Endpoint 48 hrs LC50 (95% confidence interval) : 0.14 (0.10, 0.18)mg/L

Statistical Method : Probit

Historical Mean LC50 (warning limits) : 0.19 (0.11, 0.34) mg/L

Concentration : 0,0.0625,0.125,0.25,0.5,1 mg/L

Test Method QUE SOP-00406. Reference Method for Determining Acute Lethality of Effluents to Daphnia magna. EPS1/RM/14 - Second Edition. Environment Canada. 2000.

This is essentially a 48H static test. Ten individuals are submitted to different effluent concentrations in order to measure the LC50 in controlled temperature, light intensity and loading density.

Method Deviations: Aucune

Client : 6088 H2LAB

Job Number: B755687

Client Project Name & Number: -

Test Result:

96 hrs LC50 %v/v (95% CL): >100 (N/A) Statistical Method: Visual

Toxic Units: <1.0

Comment: non-toxique

Sample Name : 67888 ST-10/ST-MMER-2

Sample Matrix : WATER

Description: Beige, translucide, inodore, peu de solides

Sample Number: EO1855-01

Sample Collected: Sep 11, 2017 08:00 AM **Sampling Method :** Grab

Site Collection:

Sample Collected By: MARTIN THERIAULT **Volume Received:** 40L

Temp.Upon Arrival: 18 °C **Storage:** 2-6°C

Sample Received: Sep 13, 2017 09:30 AM **pH:** 7.6

Dissolved Oxygen: 9.8 mg/L

Analysis Start : Sep 15, 2017 10:35 AM **Temperature :** 15 °C

Sample Conductance: 421 µS/cm

Concentration	Temperature (°C)	pH (pH)	Conductivity (uS/cm)	Dissolved oxygen (mg/L)	Temperature (°C)	pH (pH)	Dissolved oxygen (mg/L)	Atypical Behaviour (#)	Atypical Behaviour (%)	Mortality (#)	Mortality (%)
%v/v	Initial	Initial	Initial	Initial	96 hrs	96 hr	96 hrs	24 hrs	24 hrs	24 hrs	24 hrs
0	16	7.5	251	9.9	15	7.4	9.6	0	0	0	0
6.25	16	7.5	263	9.9	15	7.4	9.4	0	0	0	0
12.5	16	7.5	275	9.9	15	7.4	9.3	0	0	0	0
25	16	7.5	294	10.0	15	7.5	9.4	0	0	0	0
50	16	7.6	339	10.0	15	7.6	9.5	0	0	0	0
100	15	7.6	421	10.0	15	7.5	9.5	0	0	0	0

Concentration	Atypical Behaviour (#)	Atypical Behaviour (%)	Mortality (#)	Mortality (%)	Atypical Behaviour (#)	Atypical Behaviour (%)	Mortality (#)	Mortality (%)	Atypical Behaviour (#)	Atypical Behaviour (%)	Mortality (#)	Mortality (%)
%v/v	48 hrs	48 hrs	48 hrs	48 hrs	72 hrs	72 hrs	72 hrs	72 hrs	96 hrs	96 hrs	96 hrs	96 hrs
0	0	0	0	0	0	0	0	0	0	0	0	0
6.25	0	0	0	0	0	0	0	0	0	0	0	0
12.5	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0
50	0	0	0	0	0	0	0	0	0	0	0	0
100	0	0	0	0	0	0	0	0	0	0	0	0

Comments : Aucune anomalie observée durant l'essai.

Culture/Control/Dilution Water

Dechlorinated municipal tap water

Hardness:

96 mg/l CaCO₃

Other parameters available on request.

Test Conditions

Test concentration : 0,6.25,12.5,25,50,100 (%v/v)

Organisms per Vessel : 10

Test Temperature : 15 ± 1 °C

Solution Depth : 20 cm

Total # of Organisms Used : 60

Pre-aeration Time : 30 min.

Rate of Aeration : 6.5±1 mL/min/L

Test Volume : 16 L

Vessel Volume : 20L

Test pH Adjusted: No

Loading Density : 0.3 g/L

Photoperiod : 16 hours of light; 8 hours of darkness

Type de réservoir d'essai: 20L glass aquarium with polyethylene bag.

The results contained in this report refer only to the testing of the sample submitted. This report may not be reproduced, except in its entirety, without the written approval of the laboratory.

Client : 6088 H2LAB
 Client Project Name & Number: -

Job Number: B755687
 Sample Number: EO1855-01

Test Organism : Rainbow Trout (*Oncorhynchus mykiss*) Source : Piscicultures Les Arpents Verts
 Culture Temperature : 15 ± 2 °C Weight (Mean) +- SD : 0.5 ± 0.1 g Length (Mean) +- SD : 3.63 ± 0.20 cm
 Culture Water Renewal : 2 liters/min Weight (Range) : 0.3 ± 0.7 g Length (Range) : 3.30 – 4.00 cm
 Culture Photoperiod : 16 hours of light; 8 hours of darkness % Mortality within 7 days : 0.2%
 Feeding rate and frequency : 1-2x a day; 1-5% of the body weights. Acclimation Time: >14 days

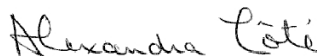
Reference chemical: Phenol Test Date: Sep 15, 2017
 Test Endpoint 96 hrs LC50 (95% confidence interval) : 9.79 (6.00, 13.0)mg/L Statistical Method : Binomial
 Historical Mean LC50 (warning limits) : 10.4 (8.17, 13.3) mg/L Concentration : 0,4,6,9,13,18 mg/L

Test Method QUE SOP - 00408. Reference Method for Determining Acute Lethality of Effluents to Rainbow Trout. EPS1/RM/13 - Second Edition. Environment Canada. 2000. (Including Amendments: May 2007).

This is essentially a 96H static test. Ten individuals are submitted to different effluent concentrations in order to measure the LC50 in controlled temperature, light intensity and loading density.

Method Deviations : Aucune

Analyst : Olivier Roberge, Véronique Fournier



Verified By : Alexandra Côté, B.Sc. Biologist

Date: Sep 21, 2017 03:18 PM



AquaTox Testing & Consulting Inc.
B-11 Nicholas Beaver Rd.
Puslinch ON N0B 2J0
Tel: (519) 763-4412 Fax: (519) 763-4419

September 29, 2017

Martin Theriault
Agnico Eagle Mines Limited
Meadowbank Division
Baker Lake NU
XOC OAO

Dear Martin,

Re: Report on Sublethal Toxicity Analysis of Wastewater for MMER - September 2017

Enclosed are the reports for sublethal testing conducted on the sample of EEM-2b collected 2017-09-11. Data are presented in electronic format. I would very much appreciate it if you could let me know when the data have been accepted by Environment and Climate Change Canada.

You should be aware of the RISS internet data entry system for submission of MMER sublethal toxicity data. By now, you should have been provided with a unique user name and pass code (supplied to you by Environment and Climate Change Canada) to access the data entry system. We would be pleased to enter this information on your behalf, for a small fee, but will require your written permission along with your user name and pass code in order to access this data entry system. Please review the reports and e-mail or fax your approval (fax: 519-763-4419; e-mail: reporter@aquatox.ca). We will then enter your results. In the future, if you would prefer us to enter the data automatically at the time the reports are issued, please indicate this in writing.

If you have any questions about the results, do not hesitate to contact me.

Sincerely,

AQUATOX TESTING & CONSULTING INC.

A handwritten signature in cursive script that reads "Nancy Kreager".

Nancy Kreager
Project Manager

NK/jl



AquaTox Testing & Consulting Inc.
B-11 Nicholas Beaver Rd.
Puslinch ON N0B 2J0
Tel: (519) 763-4412 Fax: (519) 763-4419

TOXICITY TEST REPORT

Fathead minnow
EPS 1/RM/22
1 of 5

Work Order : 234336
Sample Number : 52230

SAMPLE IDENTIFICATION

Company :	Agnico Eagle Mines Limited	Date Collected :	2017-09-11
Location :	Baker Lake NU	Time Collected :	09:00
Substance :	EEM-2b	Date Received :	2017-09-13
Sampling Method :	Not provided	Time Received :	10:45
Sampled By :	M. Theriault	Date Tested :	2017-09-13
Temp. on arrival :	19.0°C		
Sample Description :	Cloudy, pale yellow, odourless		
Test Method :	Test of Larval Growth and Survival Using Fathead Minnows. Environment Canada, Conservation and Protection. Ottawa, Ontario. Report EPS 1/RM/22 , 2nd ed. (February 2011).		

TEST RESULTS

Effect	Value	95% Confidence Limits	Statistical Method
IC25 (Growth from Biomass)	>100%	-	-
LC50	>100%	-	-

The results reported relate only to the sample tested.

POTASSIUM CHLORIDE REFERENCE TOXICANT DATA

Date Tested :	2017-09-18	Analyst(s) :	TL, SEW, CG, JL, CZN
Organism Batch :	Fm17-09	Test Duration :	7 days
IC25 Growth (from Biomass) :	1.04 g/L	LC50 :	1.25 g/L
95% Confidence Limits :	0.99 - 1.09 g/L	95% Confidence Limits :	1.15 - 1.32 g/L
Statistical Method :	Non-Linear Regression (CETIS) ^a	Statistical Method :	Linear Regression (MLE) (CETIS) ^a
Historical Mean IC25 :	0.97 g/L	Historical Mean LC50 :	1.15 g/L
Warning Limits (\pm 2SD) :	0.84 - 1.13 g/L	Warning Limits (\pm 2SD) :	1.01 - 1.30 g/L

The reference toxicity test was performed under the same experimental conditions as those used with the test sample.

TEST CONDITIONS

Test Organism :	<i>Pimephales promelas</i>	Test Type :	Static Renewal
Organism Batch :	Fm17-09	Control/Dilution Water :	Well water (no chemicals added)
Organism Age :	~07:00 - 21:40 h at start of test	Test Volume / Replicate :	300 mL
Source :	In-house culture	Test Vessel :	420 mL polystyrene beaker
Culture Mortality/Diseased :	0.07 % (previous 7 days)	Depth of Test Solution :	8 cm
pH Adjustment :	None	Organisms per Replicate :	10
Sample Filtration :	60 μ m starting 2017-09-13	Number of Replicates :	3
Hardness Adjustment :	None	Daily Renewal Method :	80-85% syphoned and replaced
Test Aeration :	None	Test Method Deviation(s):	None

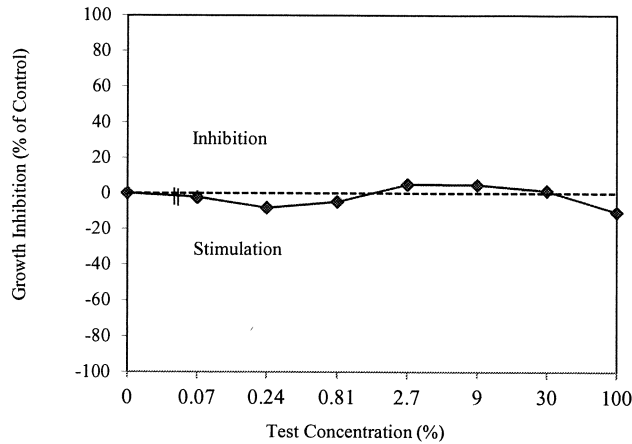
COMMENTS

- All test validity criteria as specified in the test method cited above were satisfied.
- No organisms exhibiting unusual appearance, behaviour, or undergoing unusual treatment were used in the test.
- Inflated swim bladders were confirmed in all test organisms used in this test.

Work Order : 234336

Sample Number : 52230

Fathead Minnow Growth Inhibition (based on Biomass)



REFERENCES

^a CETIS™, © 2000-2013. V.1.8.7.17. Comprehensive Environmental Toxicity Information System. Tidepool Scientific Software, LLC, McKinleyville, CA 95519 [Program on disk and printed User's Guide].

^b Grubbs, F.E., 1969. Procedures for detecting outlying observations in samples. *Technometrics*, 11:1-21.

Date : 2017-09-29
yyyy-mm-dd

Approved By : Nancy Kuehn
Project Manager



TOXICITY TEST REPORT

Fathead minnow

EPS 1/RM/22

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Work Order : 234336
Sample Number : 52230

CUMULATIVE DAILY CONTROL MORTALITY AND IMPAIRMENT (±SD)

Date :	2017-09-13	2017-09-14	2017-09-15	2017-09-16	2017-09-17	2017-09-18	2017-09-19	2017-09-20
	0.00% (±0.0)	0.00% (±0.0)	0.00% (±0.0)	0.00% (±0.0)	0.00% (±0.0)	0.00% (±0.0)	0.00% (±0.0)	0.00% (±0.0)

FATHEAD MINNOW CUMULATIVE DAILY MORTALITY

Initiation Time : 14:10
Initiation Date : 2017-09-13
Completion Date : 2017-09-20

Date :	Day 0		Day 1		Day 2		Day 3		Day 4		Day 5		Day 6		Day 7		Treatment Mean Mortality (± SD)
	2017-09-13		2017-09-14		2017-09-15		2017-09-16		2017-09-17		2017-09-18		2017-09-19		2017-09-20		
Analyst(s):	NL		XD		SV		CZN		MA		TL		NK		SEW		
Concentration (%)	Number Dead		% Dead		Number Dead		% Dead		Number Dead		% Dead		Number Dead		% Dead		%
Replicate																	
Control	A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00 (±0.00)
	B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0.07	A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00 (±0.00)
	B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0.24	A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00 (±0.00)
	B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0.81	A	0	0	0	0	0	0	0	0	0	0	0	1	10	1	10	3.33 (±5.77)
	B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2.7	A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00 (±0.00)
	B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
9	A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00 (±0.00)
	B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
30	A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00 (±0.00)
	B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
100	A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00 (±0.00)
	B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

Aberrant behaviour or swimming impairment : None

Data Reviewed By: SF
Date : 2017-09-25

Work Order : 234336

Sample Number : 52230

FATHEAD MINNOW DRY WEIGHT AND BIOMASS DATA

Concentration (%)	Replicate	Number of Larvae Exposed	Replicate Mean Dry Weight (mg)	Treatment Mean Biomass (mg)	Standard Deviation
Control	A	10	0.880	0.839	0.042
	B	10	0.839		
	C	10	0.797		
0.07	A	10	0.859	0.857	0.006
	B	10	0.862		
	C	10	0.851		
0.24	A	10	0.893	0.907	0.042
	B	10	0.874		
	C	10	0.954		
0.81	A	10	0.809	0.877	0.063
	B	10	0.933		
	C	10	0.890		
2.7	A	10	0.775	0.797	0.020
	B	10	0.815		
	C	10	0.801		
9	A	10	0.721	0.800	0.069
	B	10	0.849		
	C	10	0.831		
30	A	10	0.778	0.828	0.048
	B	10	0.833		
	C	10	0.873		
100	A	10	0.906	0.928	0.046
	B	10	0.897		
	C	10	0.980		

- NOTES :
- No outlying data points were detected according to Grubbs Test^b.
 - Control average dry weight per surviving organism = 0.839 mg

 Data Reviewed By: SF

 Date : 2017-09-25



TOXICITY TEST REPORT

Work Order : 234336
Sample Number: 52230

Fathead minnow
EPS 1/RM/22
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Fathead Minnow Water Chemistry Data

Initial Chemistry:		Temp. (°C)	DO (mg/L)	pH	Conductivity (µmhos/cm)	Hardness (mg/L as CaCO ₃)		
		25.0	8.9	7.9	420	180		
		Day 0 - 1 2017-09-13	Day 1 - 2 2017-09-14	Day 2 - 3 2017-09-15	Day 3 - 4 2017-09-16	Day 4 - 5 2017-09-17	Day 5 - 6 2017-09-18	Day 6 - 7 2017-09-19
Sub-sample Used		1	1	1	2	2	3	3
Temperature (°C)		25.0	24.0	24.0	24.0	24.0	24.0	24.0
Dissolved Oxygen (mg/L)		8.9	9.0	9.3	9.5	9.5	9.7	9.9
Dissolved Oxygen % Sat.²		109	110	112	114	112	117	119
pH		7.9	7.9	7.9	7.8	7.8	7.9	7.9
Pre-aeration Time (min)³		20	20	20	20	20	20	20
Analyst(s) : Initial		MA	NL	NL	SEW	NL	TL	CG
Final		NL	NL	CZN	MA	TL	CG	SEW
Control (0%)								
Temp.(°C)	Initial	25.0	24.0	24.0	24.0	25.0	25.0	24.0
	Final	24.0	24.0	24.0	24.0	24.0	24.0	24.0
DO % Sat.	Initial	99	99	99	100	97	99	95
DO (mg/L)	Initial	8.0	8.1	8.2	8.2	8.0	8.1	7.9
	Final	7.7	7.2	6.9	6.7	7.6	7.3	7.0
pH	Initial	8.3	8.3	8.4	8.3	8.3	8.3	8.4
	Final	8.3	8.2	8.1	8.1	8.2	8.1	8.0
Cond. (µmhos/cm)	Initial	706	749	733	780	769	746	726
0.07 %								
Temp.(°C)	Initial	25.0	24.0	24.0	24.0	25.0	25.0	24.0
	Final	24.0	24.0	24.0	24.0	24.0	24.0	24.0
DO (mg/L)	Initial	8.0	8.3	8.3	8.3	8.2	8.1	8.0
	Final	7.7	7.0	6.9	6.6	7.6	7.3	7.0
pH	Initial	8.3	8.3	8.4	8.3	8.3	8.3	8.3
	Final	8.2	8.2	8.0	8.1	8.2	8.2	8.0
Cond. (µmhos/cm)	Initial	700	763	749	784	787	752	729
9 %								
Temp.(°C)	Initial	25.0	24.0	24.0	24.0	25.0	25.0	24.0
	Final	24.0	24.0	24.0	24.0	24.0	24.0	24.0
DO (mg/L)	Initial	8.0	8.3	8.2	8.3	7.8	8.1	8.1
	Final	7.2	6.9	7.0	6.9	7.8	7.0	7.0
pH	Initial	8.3	8.3	8.4	8.3	8.3	8.4	8.3
	Final	8.2	8.2	8.1	8.1	8.2	8.1	8.0
Cond. (µmhos/cm)	Initial	675	727	710	754	747	725	700
100 %								
Temp.(°C)	Initial	25.0	24.0	24.0	24.0	25.0	25.0	24.0
	Final	24.0	24.0	24.0	24.0	24.0	24.0	24.0
DO (mg/L)	Initial	8.3	8.7	8.8	8.5	8.9	8.3	8.3
	Final	7.7	7.2	7.0	6.8	7.7	7.1	7.0
pH	Initial	8.0	8.0	8.0	8.2	8.0	8.1	8.0
	Final	7.9	7.8	7.7	7.8	7.9	7.8	7.8
Cond. (µmhos/cm)	Initial	421	425	435	426	423	428	425

"-" = not measured

² % saturation (adjusted for actual temperature and barometric pressure)

³ ≤100 bubbles/minute



AquaTox Testing & Consulting Inc.
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TOXICITY TEST REPORT

Ceriodaphnia dubia
EPS 1/RM/21
1 of 4

Work Order : 234336
Sample Number : 52230

SAMPLE IDENTIFICATION

Company : Agnico Eagle Mines Limited
Location : Baker Lake NU
Substance : EEM-2b
Sampling Method : Not provided
Sampled By : M. Theriault
Temp. on arrival : 19.0°C
Sample Description : Cloudy, pale yellow, odourless

Date Collected : 2017-09-11
Time Collected : 09:00
Date Received : 2017-09-13
Time Received : 10:45
Date Tested : 2017-09-13

Test Method : Test of Reproduction and Survival using the Cladoceran *Ceriodaphnia dubia*. Environment Canada, Conservation and Protection. Ottawa, Ontario. Report EPS 1/RM/21, 2nd ed. (February 2007).

TEST RESULTS

Effect	Value	95% Confidence Limits	Statistical Method
LC50	>100%	-	-
IC25 (Reproduction)	>100%	-	-

The results reported relate only to the sample tested.

SODIUM CHLORIDE REFERENCE TOXICANT DATA

Date Tested : 2017-09-07
Organism Batch : Cd17-09
IC25 Reproduction : 1.30 g/L
95% Confidence Limits : 1.20 - 1.42 g/L
Statistical Method : Linear Interpolation (CETIS)^a
Historical Mean IC25 : 1.35 g/L
Warning Limits (± 2SD) : 1.04 - 1.76 g/L

Analyst(s) : NL, SV
Test Duration : 6 days
LC50 : 1.99 g/L
95% Confidence Limits : 1.72 - 2.31 g/L
Statistical Method : Spearman-Kärber (CETIS)^a
Historical Mean LC50 : 2.24 g/L
Warning Limits (± 2SD) : 1.91 - 2.61 g/L

The reference toxicity test was performed under the same experimental conditions as those used with the test sample.

TEST CONDITIONS

Sample Filtration : 60.0 µm starting on 2017-09-13
Test Aeration : None
pH Adjustment : None
Hardness Adjustment : None
Daily Renewal Method : Transferred to fresh solutions
Control/Dilution Water : Well water (no chemicals added)

Test Volume per Replicate : 15 mL
Test Vessel : 19 mL glass vial
Depth of Test Solution : 4.8 cm
Organisms per Replicate : 1
Number of Replicates : 10
Test Method Deviation(s) : None

COMMENTS

•All test validity criteria as specified in the test method cited above were satisfied.



TOXICITY TEST REPORT

Ceriodaphnia dubia

EPS 1/RM/21

2 of 4

Work Order : 234336
Sample Number : 52230

TEST ORGANISMS

Test Organism : *Ceriodaphnia dubia* Range of Age (at start of test) : 08:50 h - 19:35 h
Organism Batch : Cd17-09 Mean Brood Organism Mortality : 5%
Organism Origin : Single in-house mass culture Ehippia in Culture : No
Test Organism Origin : Individual in-house cultures

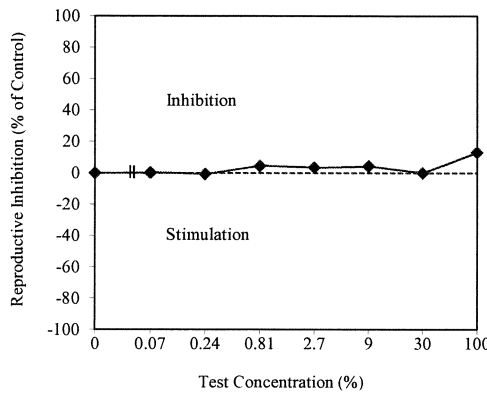
Brood Organism Neonate Production

Replicate :	1	2	3	4	5	6	7	8	9	10	Mean
Total (third or subsequent brood):	17	18	17	14	17	16	14	15	16	16	16.0
Total (first three broods):	25	27	26	23	28	24	28	27	24	22	25.4

No organisms exhibiting unusual appearance, behaviour, or undergoing unusual treatment were used in the test.

TEST DATA

***Ceriodaphnia dubia* Reproductive Inhibition**



Cumulative Daily Test Organism Mortality (%)

Date	Test Day	Test Concentration (%)								
		Control	0.07	0.24	0.81	2.7	9	30	100	
2017-09-14	1	0	0	0	0	0	0	0	0	0
2017-09-15	2	0	0	0	0	0	0	0	0	0
2017-09-16	3	0	0	0	0	0	0	0	0	0
2017-09-17	4	0	0	0	0	0	0	0	0	0
2017-09-18	5	0	0	0	0	0	0	0	0	0
2017-09-19	6	0	0	0	0	0	0	0	0	0
2017-09-20	7	0	0	0	0	0	0	0	0	0
Total Mortality (%)		0	0	0	0	0	0	0	0	0

REFERENCES

^a CETIS™, © 2000-2013. V.1.8.7.17. Comprehensive Environmental Toxicity Information System. Tidepool Scientific Software, LLC, McKinleyville, CA 95519 [Program on disk and printed User's Guide].

^b Grubbs, F.E., 1969. Procedures for detecting outlying observations in samples. *Technometrics*, 11:1-21.

Date : 2017-09-29
yyyy-mm-dd

Approved By : Nancy Kegan
Project Manager



TOXICITY TEST REPORT

Ceriodaphnia dubia

EPS 1/RM/21

3 of 4

Work Order : 234336

Sample Number : 52230

Ceriodaphnia dubia Survival and Reproduction

Test Initiation Date : 2017-09-13

Initiation Time : 14:50

Test Completion Date : 2017-09-20

Concentration (%)	Replicate										Mean Young (±SD)	Analyst(s)	
Control	Day	1	2	3	4	5	6	7	8	9	10		
2017-09-14	1	0	0	0	0	0	0	0	0	0	0	0	NL
2017-09-15	2	0	0	0	0	0	0	0	0	0	0	0	SV
2017-09-16	3	0	0	0	0	0	0	0	0	0	0	0	MA
2017-09-17	4	6	8	6	5	4	3	5	8	6	6	5.7	CZN
2017-09-18	5	14	15	11	13	14	8	13	14	12	11	12.5	MA
2017-09-19	6	0	0	13	2	0	0	0	0	15	21	5.1	RD
2017-09-20	7	16	19	0	-	17	13	14	18	0	0	9.7	RD
Total		36	42	30	20	35	24	32	40	33	38	33.0 (±6.9)	

Concentration (%)	Replicate										Mean Young (±SD)	
2.7	Day	1	2	3	4	5	6	7	8	9	10	
2017-09-14	1	0	0	0	0	0	0	0	0	0	0	0
2017-09-15	2	0	0	0	0	0	0	0	0	0	0	0
2017-09-16	3	0	0	0	0	0	0	0	0	0	0	0
2017-09-17	4	5	6	6	5	3	7	7	5	5	4	5.3
2017-09-18	5	12	12	13	14	6	9	10	12	10	15	11.3
2017-09-19	6	16	15	14	16	0	0	0	0	0	0	6.1
2017-09-20	7	0	0	0	0	12	17	16	17	14	16	9.2
Total		33	33	33	35	21¹	33	33	34	29	35	31.9 (±4.2)

Concentration (%)	Replicate										Mean Young (±SD)	
0.07	Day	1	2	3	4	5	6	7	8	9	10	
2017-09-14	1	0	0	0	0	0	0	0	0	0	0	0
2017-09-15	2	0	0	0	0	0	0	0	0	0	0	0
2017-09-16	3	0	0	0	0	0	0	0	0	0	0	0
2017-09-17	4	6	7	7	6	5	0	4	7	6	5	5.3
2017-09-18	5	13	13	12	11	10	13	11	13	11	14	12.1
2017-09-19	6	3	0	18	19	0	16	0	0	0	17	7.3
2017-09-20	7	-	17	0	0	18	0	16	15	16	0	8.2
Total		22¹	37	37	36	33	29	31	35	33	36	32.9 (±4.7)

Concentration (%)	Replicate										Mean Young (±SD)	
9	Day	1	2	3	4	5	6	7	8	9	10	
2017-09-14	1	0	0	0	0	0	0	0	0	0	0	0
2017-09-15	2	0	0	0	0	0	0	0	0	0	0	0
2017-09-16	3	0	0	0	0	0	0	0	0	0	0	0
2017-09-17	4	6	6	3	4	5	5	4	5	3	5	4.6
2017-09-18	5	13	12	13	13	12	12	8	11	10	17	12.1
2017-09-19	6	15	0	11	12	0	0	0	0	15	17	7.0
2017-09-20	7	0	16	0	0	17	16	14	16	0	0	7.9
Total		34	34	27	29	34	33	26	32	28	39	31.6 (±4.0)

Concentration (%)	Replicate										Mean Young (±SD)	
0.24	Day	1	2	3	4	5	6	7	8	9	10	
2017-09-14	1	0	0	0	0	0	0	0	0	0	0	0
2017-09-15	2	0	0	0	0	0	0	0	0	0	0	0
2017-09-16	3	0	0	0	0	0	0	0	0	0	0	0
2017-09-17	4	8	5	4	6	6	5	5	6	6	7	5.8
2017-09-18	5	12	13	10	13	14	12	11	10	10	14	11.9
2017-09-19	6	16	0	0	0	0	0	0	0	0	0	1.6
2017-09-20	7	0	16	16	17	15	16	12	15	16	16	13.9
Total		36	34	30	36	35	33	28	31	32	37	33.2 (±2.9)

Concentration (%)	Replicate										Mean Young (±SD)	
30	Day	1	2	3	4	5	6	7	8	9	10	
2017-09-14	1	0	0	0	0	0	0	0	0	0	0	0
2017-09-15	2	0	0	0	0	0	0	0	0	0	0	0
2017-09-16	3	0	0	0	0	0	0	0	0	0	0	0
2017-09-17	4	6	5	6	6	5	3	4	6	8	5	5.4
2017-09-18	5	12	14	9	14	14	14	12	13	11	13	12.6
2017-09-19	6	13	15	15	14	0	0	0	0	16	15	8.8
2017-09-20	7	0	0	0	0	17	16	12	17	0	0	6.2
Total		31	34	30	34	36	33	28	36	35	33	33.0 (±2.6)

Concentration (%)	Replicate										Mean Young (±SD)	
0.81	Day	1	2	3	4	5	6	7	8	9	10	
2017-09-14	1	0	0	0	0	0	0	0	0	0	0	0
2017-09-15	2	0	0	0	0	0	0	0	0	0	0	0
2017-09-16	3	0	0	0	0	0	0	0	0	0	0	0
2017-09-17	4	6	6	6	6	5	5	4	5	6	4	5.3
2017-09-18	5	13	11	13	12	11	12	11	11	9	11	11.4
2017-09-19	6	17	14	14	13	15	14	0	0	15	0	10.2
2017-09-20	7	0	0	0	0	0	0	14	16	0	16	4.6
Total		36	31	33	31	31	31	29	32	30	31	31.5 (±1.9)

Concentration (%)	Replicate										Mean Young (±SD)	
100	Day	1	2	3	4	5	6	7	8	9	10	
2017-09-14	1	0	0	0	0	0	0	0	0	0	0	0
2017-09-15	2	0	0	0	0	0	0	0	0	0	0	0
2017-09-16	3	0	0	0	0	0	0	0	0	0	0	0
2017-09-17	4	4	5	6	4	3	2	6	4	5	5	4.4
2017-09-18	5	12	12	13	12	11	14	9	9	10	12	11.4
2017-09-19	6	13	0	0	0	0	0	0	0	0	15	2.8
2017-09-20	7	0	16	15	14	15	11	0	14	16	0	10.1
Total		29	33	34	30	29	27	15¹	27	31	32	28.7 (±5.4)

NOTES : •All young produced by a test organism during its fourth and subsequent broods were discarded and not included in the above counts. The presence of two or more neonates in any test chamber, during any given day of the test, constitutes a brood.

•¹ Outlier according to Grubbs Test^b. Outlying data points were not excluded from statistical analysis, since they could not be attributed to error.

"x"= test organism mortality

"*"= accidental test organism mortality

"-"=4th brood (see 'NOTES')

Data Reviewed By : SF
Date : 2017-09-25

**TOXICITY TEST REPORT***Ceriodaphnia dubia*

EPS 1/RM/21

4 of 4

Work Order : 234336

Sample Number: 52230

***Ceriodaphnia dubia* Water Chemistry Data**

		Initial Chemistry:	Temp. (°C)	DO (mg/L)	pH	Conductivity (µmhos/cm)	Hardness (mg/L as CaCO ₃)		
			25.0	8.9	7.9	420	180		
		<hr/>							
Date :		Day 0 - 1 2017-09-13	Day 1 - 2 2017-09-14	Day 2 - 3 2017-09-15	Day 3 - 4 2017-09-16	Day 4 - 5 2017-09-17	Day 5 - 6 2017-09-18	Day 6 - 7 2017-09-19	
Sub-sample Used		1	1	1	2	2	3	3	
Temperature (°C)		25.0	24.0	24.0	24.0	24.0	24.0	24.0	
Dissolved Oxygen (mg/L)		8.9	9.0	9.3	9.5	9.5	9.7	9.9	
Dissolved Oxygen % Sat.³		109	110	112	114	112	117	119	
pH		7.9	7.9	7.9	7.8	7.8	7.9	7.9	
Pre-aeration Time (min)⁴		20	20	20	20	20	20	20	
Analyst(s)	Initial	MA	NL	NL	SEW	NL	TL	CG	
	Final	NL	NL	MA	CZN	TL	CG	NK	
Control (0%)									
Temp. (°C)	Initial	25.0	24.0	24.0	24.0	25.0	25.0	24.0	
	Final	24.0	24.0	24.0	24.0	24.0	24.0	24.0	
DO % Sat. ³	Initial	99	99	99	100	97	99	95	
DO (mg/L)	Initial	8.0	8.1	8.2	8.2	8.0	8.1	7.9	
	Final	7.0	6.8	6.1	6.2	7.5	7.4	7.3	
pH	Initial	8.3	8.3	8.4	8.3	8.3	8.3	8.4	
	Final	8.3	8.2	8.1	8.1	8.3	8.2	8.2	
Cond. (µmhos/cm)	Initial	706	749	733	780	769	746	726	
0.07 %									
Temp. (°C)	Initial	25.0	24.0	24.0	24.0	25.0	25.0	24.0	
	Final	24.0	24.0	24.0	24.0	24.0	24.0	24.0	
DO (mg/L)	Initial	8.0	8.3	8.3	8.3	8.2	8.1	8.0	
	Final	7.2	7.1	6.7	7.0	7.5	7.5	7.5	
pH	Initial	8.3	8.3	8.4	8.3	8.3	8.3	8.3	
	Final	8.3	8.3	8.1	8.2	8.3	8.3	8.2	
Cond. (µmhos/cm)	Initial	700	763	749	784	787	752	729	
9 %									
Temp. (°C)	Initial	25.0	24.0	24.0	24.0	25.0	25.0	24.0	
	Final	24.0	24.0	24.0	24.0	24.0	24.0	24.0	
DO (mg/L)	Initial	8.0	8.3	8.2	8.3	7.8	8.1	8.1	
	Final	7.0	6.8	6.0	5.9	7.4	7.4	7.3	
pH	Initial	8.3	8.3	8.4	8.3	8.3	8.4	8.3	
	Final	8.2	8.2	8.0	8.0	8.2	8.2	8.2	
Cond. (µmhos/cm)	Initial	675	727	710	754	747	725	700	
100 %									
Temp. (°C)	Initial	25.0	24.0	24.0	24.0	25.0	25.0	24.0	
	Final	24.0	24.0	24.0	24.0	24.0	24.0	24.0	
DO (mg/L)	Initial	8.3	8.7	8.8	8.5	8.9	8.3	8.3	
	Final	7.1	6.7	5.4	5.7	7.4	7.1	7.2	
pH	Initial	8.0	8.0	8.0	8.2	8.0	8.1	8.0	
	Final	8.0	7.9	7.7	7.7	8.0	7.9	7.8	
Cond. (µmhos/cm)	Initial	421	425	435	426	423	428	425	

"- " = not measured

³ % saturation (adjusted for actual temperature and barometric pressure)⁴ ≤100 bubbles/minute



AquaTox Testing & Consulting Inc.
B-11 Nicholas Beaver Rd.
Puslinch ON N0B 2J0
Tel: (519) 763-4412 Fax: (519) 763-4419

TOXICITY TEST REPORT

Lemna minor
EPS 1/RM/37
Page 1 of 4

Work Order : 234336
Sample Number : 52230

SAMPLE IDENTIFICATION

Company :	Agnico Eagle Mines Limited	Date Collected :	2017-09-11
Location :	Baker Lake NU	Time Collected :	09:00
Substance :	EEM-2b	Date Received :	2017-09-13
Sampling Method :	Not provided	Time Received :	10:45
Sampled By :	M. Theriault	Date Tested :	2017-09-14
Temp. on arrival :	19.0°C		
Sample Description :	Cloudy, pale yellow, odourless		

Test Method : Test for Measuring the Inhibition of Growth using the Freshwater Macrophyte, *Lemna minor*. Method Development and Application Section, Environmental Technology Centre, Environment Canada. Ottawa, Ontario. Report EPS 1/RM/37, 2nd ed. (January 2007).

TEST RESULTS

Effect	Value	95% Confidence Limits	Statistical Method
IC25 (Weight)	>97.0%	-	-
IC25 (FronD Production)	>97.0%	-	-

The results reported relate only to the sample tested.

POTASSIUM CHLORIDE REFERENCE TOXICANT DATA

Date Tested :	2017-09-06	Statistical Method :	Linear Interpolation (CETIS) ^a
Organism Batch :	Lm17-09	Historical Geometric Mean IC25 :	2.10 g/L
Test Duration :	7 days	Warning Limits (± 2SD) :	1.50 - 2.94 g/L
IC25 (FronD Production) :	1.85 g/L	Growth Medium :	Modified APHA
95% Confidence Limits :	1.53 - 2.32 g/L	Analyst(s) :	AS, SV

The reference toxicant test was performed under the same experimental conditions as those used with the test sample.

TEST CONDITIONS

Test Organism :	<i>Lemna minor</i> L., Strain 7730	Test Type :	Static (no sub-samples required)
Organism Batch :	Lm17-09	Control/Dilution Medium :	Modified APHA
Culture Origin :	UTCC 492	Medium Preparation Water :	Distilled Water
Test Organism Source :	Axenic in-house culture	Source of Water :	Morning Mist
Culture Medium :	Modified Hoaglands E+	Medium Preparation Chemicals :	Modified APHA stocks A, B, C (10 mL/L)
Age (on Test Day 0) :	9 days	Nutrient Spiking of Sample :	Modified APHA stocks A, B, C (10 mL/L)
Health Criteria (in APHA) :	19.7-fold frond increase in 7 days	Replicates per Concentration :	4
Organism Acclimation :	23:00 h in APHA medium	Test Volume per Replicate :	100 mL
Inoculum (Test Day 0) :	2 plants (3 fronds per plant)	Test Vessel :	250 mL glass Erlenmeyer flask
Sample Filtration :	1 µm (Whatman GF/C)	Depth of Test Solution :	4.0 cm
Sample Pre-aeration :	20 min. at ≤100 bubbles/min.	Photoperiod/Light Intensity :	Continuous, 4090 - 5040 lux
pH Adjustment :	None	Test Method Deviation(s) :	None
Hardness Adjustment :	None		

COMMENTS

•All test validity criteria as specified in the test method cited above were satisfied.



TOXICITY TEST REPORT

Lemna minor

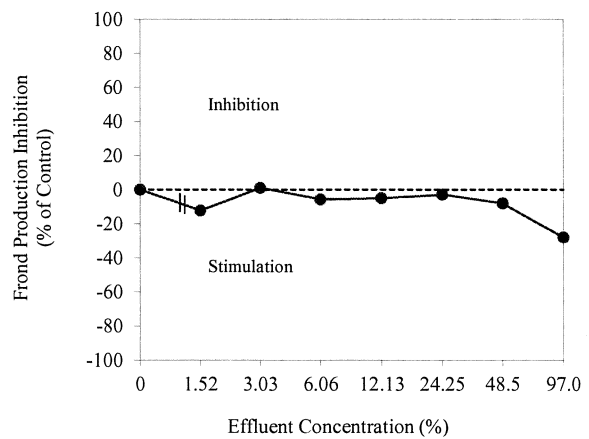
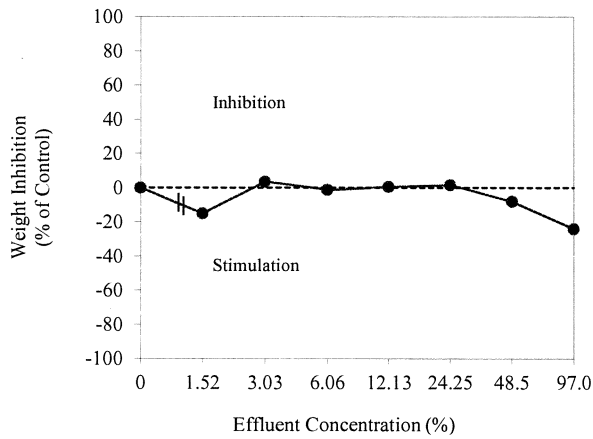
EPS 1/RM/37

Page 2 of 4

Work Order : 234336

Sample Number : 52230

Lemna minor Growth Inhibition



TEST MONITORING

Initiation Date : 2017-09-14

Initiation Time : 14:30

Initiated By : SV

Termination Date : 2017-09-21

Termination Time : 17:10

Terminated By : SV

Temperature Monitoring

pH Monitoring

Test Day	Date	Temperature (°C)
0 (unmodified sample)	2017-09-14	25.0
0	2017-09-14	24.0
1	2017-09-15	24.0
2	2017-09-16	24.0
3	2017-09-17	24.0
4	2017-09-18	24.0
5	2017-09-19	24.0
6	2017-09-20	24.0
7	2017-09-21	24.0

Concentration (%)	Day 0	Day 7
100 (unmodified sample)	7.9	-
Control	8.3	8.3
1.52	8.3	8.4
3.03	-	-
6.06	-	-
12.13	8.2	8.5
24.25	-	-
48.5	-	-
97.0	8.0	8.6

"-" = not required

REFERENCES

^a CETIS™, © 2000-2013. V.1.8.7.17. Comprehensive Environmental Toxicity Information System. Tidepool Scientific Software, LLC, McKinleyville, CA 95519 [Program on disk and printed User's Guide].

Date : 2017-09-29
yyyy-mm-dd

Approved By: Nancy Keefe
Project Manager

Work Order : 234336
 Sample Number : 52230

Lemna minor
 EPS 1/RM/37
 Page 3 of 4

***Lemna minor* Frond Increase**

Concentration (%)	Replicate	Frond Count Day 0*	Frond Count Day 7	Frond Increase	Mean Frond Increase	Standard Deviation	CV (%)	Stimulation (%)**	Frond/Root Appearance (Day 7)
Control	A	6	75	69	71.75	12.69	17.7	-	Fronds healthy, appearance normal in all replicates.
	B	6	86	80					
	C	6	89	83					
	D	6	61	55					
1.52	A	6	85	79	80.50	8.70	10.8	-	Fronds healthy, appearance normal in all replicates.
	B	6	79	73					
	C	6	99	93					
	D	6	83	77					
3.03	A	6	81	75	71.00	2.71	3.8	-	Fronds healthy, appearance normal in all replicates.
	B	6	75	69					
	C	6	76	70					
	D	6	76	70					
6.06	A	6	74	68	75.75	13.77	18.2	-	Fronds healthy, appearance normal in all replicates.
	B	6	101	95					
	C	6	82	76					
	D	6	70	64					
12.13	A	6	78	72	75.25	3.59	4.8	-	Fronds healthy, appearance normal in all replicates.
	B	6	86	80					
	C	6	79	73					
	D	6	82	76					
24.25	A	6	79	73	73.75	8.66	11.7	-	Fronds healthy, appearance normal in all replicates.
	B	6	84	78					
	C	6	88	82					
	D	6	68	62					
48.5	A	6	90	84	77.50	4.51	5.8	-	Fronds healthy, appearance normal in all replicates.
	B	6	81	75					
	C	6	83	77					
	D	6	80	74					
97.0	A	6	119	113	91.75	16.44	17.9	27.9	Fronds healthy, appearance normal in all replicates.
	B	6	98	92					
	C	6	95	89					
	D	6	79	73					

- NOTES:** *No unusual appearance or treatment of culture prior to testing. Test inoculated with healthy plants.
 **Significant stimulation (ANOVA - Dunnett Multiple Comparison Test (CETIS)^a, $\alpha=0.05$) compared to control.
 •A 13.0-fold increase in frond number was observed in the control over the testing period.
 •No outlying data points were detected according to Grubbs Test (CETIS)^a.

"-" = not available/not required

Test Data Reviewed By : SF
 Date : 2017-09-26

Work Order : 234336

Sample Number : 52230

***Lemna minor* Frond Weight Data**

Concentration (%)	Replicate	Dry Weight of Fronds (mg)	Treatment Mean Dry Weight (mg)	Standard Deviation	Stimulation (%)**
Control	A	8.76	9.24	0.84	-
	B	10.07			
	C	9.81			
	D	8.30			
1.52	A	10.79	10.63	0.86	-
	B	9.92			
	C	11.79			
	D	10.03			
3.03	A	9.65	8.91	0.62	-
	B	9.06			
	C	8.17			
	D	8.77			
6.06	A	8.99	9.35	1.37	-
	B	11.16			
	C	9.39			
	D	7.86			
12.13	A	8.98	9.20	0.53	-
	B	9.81			
	C	8.59			
	D	9.40			
24.25	A	9.28	9.09	0.61	-
	B	9.47			
	C	9.43			
	D	8.18			
48.5	A	10.60	9.97	0.44	-
	B	9.88			
	C	9.80			
	D	9.60			
97.0	A	12.97	11.46	1.42	24.09
	B	11.67			
	C	11.66			
	D	9.54			

NOTES : **Significant stimulation (ANOVA - Dunnett Multiple Comparison Test (CETIS)^a, $\alpha=0.05$) compared to control.

•No outlying data points were detected according to Grubbs Test (CETIS)^a.

"-" = not available/not required

Test Data Reviewed By : SF
 Date : 2017-09-26



AquaTox Testing & Consulting Inc.
 B-11 Nicholas Beaver Rd.
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 Tel: (519) 763-4412 Fax: (519) 763-4419

TOXICITY TEST REPORT

Pseudokirchneriella subcapitata
 EPS 1/RM/25
 1 of 2

Work Order : 234336
 Sample Number : 52230

SAMPLE IDENTIFICATION

Company :	Agnico Eagle Mines Limited		
Location :	Baker Lake NU	Date Collected :	2017-09-11
Substance :	EEM-2b	Time Collected :	09:00
Sampling Method :	Not provided	Date Received :	2017-09-13
Sampled By :	M. Theriault	Time Received :	10:45
Temp. on arrival :	19.0°C	Date Tested :	2017-09-13
Sample Description :	Cloudy, pale yellow, odourless		
Test Method :	Growth Inhibition Test Using a Freshwater Alga. Environment Canada, Conservation and Protection. Ottawa, Ontario. Report EPS 1/RM/25, 2nd ed. (March 2007).		

72-h TEST RESULTS

Effect	Value	95% Confidence Limits	Statistical Method
IC25 (Growth)	>90.91%	-	-

The results reported relate only to the sample tested.

ZINC (AS ZINC SULPHATE) REFERENCE TOXICANT DATA

Date Tested :	2017-09-19	Statistical Method :	Nonlinear Regression* (CETIS) ^a
Organism Batch :	Ps17-09	Historical Mean IC25 :	15.3 µg/L
Test Duration :	72 hours	Warning Limits (± 2SD) :	4.8 - 49.4 µg/L
IC25 Growth :	9.7 µg/L	Analyst(s) :	AS
95% Confidence Limits :	7.2 - 12.3 µg/L		

The reference toxicity test was performed under the same experimental conditions as those used with the test sample.

TEST ORGANISM

Test Organism :	<i>Pseudokirchneriella subcapitata</i>	Source :	In-house culture
Culture Origin :	University of Waterloo, Waterloo ON	Cell Density at 0-h :	11000 cells/mL
Strain Number :	CPCC 37	Inoculum Prepared :	00:45 h prior to test initiation
Organism Batch :	Ps17-09	Age (at start of test) :	5 days (in exponential growth)

*Algal growth curve is determined at least twice per year as required by the test method cited above.

*No unusual appearance or treatment of culture prior to testing.

TEST CONDITIONS

Test Type :	Static	Volume per Replicate :	220 µL
Test Duration :	72 hours	Control Replicates:	10
Mean Temperature (± SD):	24.0°C (± 0.0)	Test Replicates :	4
Sample Pre-aeration :	None	Concentrations Tested :	10 + Control
Sample Filtration :	0.45 µm preconditioned filter	Photoperiod :	Continuous light
Volume Filtered:	≥10 mL	Light Intensity :	4270-4390 lux
Control/Dilution Water :	Millipore Milli-Q (no chemicals added)	pH Adjustment :	None
Enrichment Medium :	Stock 2B: EDTA reduced to 25%	Hardness Adjustment :	None
Test Vessel :	U-shaped polystyrene microplate	Test Method Deviation(s) :	None

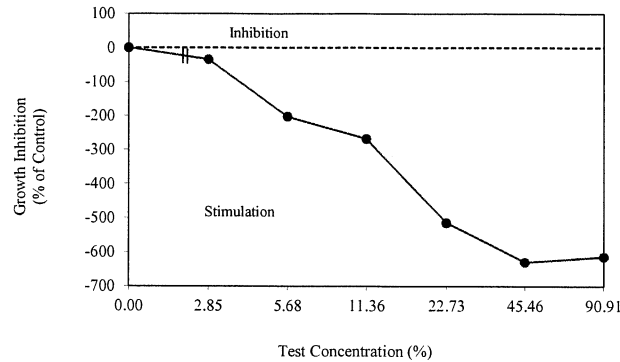
COMMENTS

*All test validity criteria as specified in the test method cited above were satisfied.

*Poisson Weighting (CETIS)^a was applied

Work Order : 234336
 Sample Number : 52230

***Pseudokirchneriella subcapitata* Growth Inhibition**



CELL ENUMERATION AT 72-HOURS

Initiated By : AS
 Completion/Enumeration Date : 2017-09-16
 Enumerated By : CZN
 Enumeration Method : Manual (haemocytometer)

Sample pH (at 0 hours) : 7.9
 Control pH (at 0 hours) : 6.5
 Control pH (at 72 hours) : 6.5
 Control Cell Increase Factor : 16.5 times growth

Concentration (%)	Cell Concentration (x 10000 cells/mL)								Cell Yield (x 10000 cells/mL)			
	1	2	3	Replicate				Mean	Standard Deviation	CV (%)	Stimulation (% of control)**	
Control	20.0	19.5	19.0	20.5	7	8	9	10	17.03	2.56	15.04	-
0.18	-	-	-	-	-	-	-	-	-	-	-	-
0.35	-	-	-	-	-	-	-	-	-	-	-	-
0.71	-	-	-	-	-	-	-	-	-	-	-	-
1.42	-	-	-	-	-	-	-	-	-	-	-	-
2.85	24.0	23.5	24.5	-	-	-	-	-	22.90	0.50	2.18	-
5.68	56.5	46.5	55.0	-	-	-	-	-	51.57	5.39	10.46	202.89
11.36	60.5	66.5	64.5	-	-	-	-	-	62.73	3.06	4.87	268.48
22.73	104.0	114.0	99.5	-	-	-	-	-	104.73	7.42	7.09	515.17
45.46	130.0	125.5	120.5	-	-	-	-	-	124.23	4.75	3.83	629.71
90.91	115.0	122.0	131.0	-	-	-	-	-	121.57	8.02	6.60	614.05

NOTES : **Statistically significant stimulation, according to ANOVA/Dunnett Multiple Comparison Test (CETIS)^a, ($\alpha=0.05$).
 •Control replicates 5 and 6 used for pH measurement.
 •The Mann-Kendall test shows that there is no inhibitory gradient ($\alpha=0.05$).
 •No outlying data points were detected according to Grubbs Test (CETIS)^a.

"-" = not enumerated/not required

Data Reviewed By : SF
 Date : 2017-09-26

REFERENCES

^a CETIS™, © 2000-2013. V.1.8.7.17. Comprehensive Environmental Toxicity Information System. Tidepool Scientific Software, LLC, McKinleyville, CA 95519 [Program on disk and printed User's Guide].

Date : 2017-09-29
 yyyy-mm-dd

Approved By : Nancy Kruger
 Project Manager

CHAIN OF CUSTODY RECORD



AquaTox Work Order No:
234336

P.O. Number: PO- 530481

Field Sampler Name (print): Martin Theriault

Signature: **Martin Theriault**
Digitally signed by Martin Theriault
 DN: cn=Martin Theriault, o=AEM, email=theriault@em.ca, c=ca
 Date: 2017.09.11 12:02:55 -0400

Affiliation: AEM

Sample Storage (prior to shipping):

Custody Relinquished by:

Date/Time Shipped: 2017-09-11 12:00

Shipping Address: AquaTox Testing & Consulting Inc.
 B-11 Nicholas Beaver Road
 Puslinch, Ontario Canada N0B 2J0

Voice: (519) 763-4412 Fax: (519) 763-4419

Client: Agnico Eagle Mines
 Meadowbank Division
 Baker Lake, Nunavut

Phone: (819) 759-3555

Fax:

Contact: Erika Voyer, Robin Allard, Martin Archaumbault

Sample Identification		Analyses Requested										Sample Method and Volume					
Date Collected (yyyy-mm-dd)	Time Collected (e.g. 14:30, 24 hr clock)	Sample Name	AquaTox Sample Number	Temp. on arrival	Rainbow Trout Single Concentration	Rainbow Trout LC50	Daphnia magna Single Concentration	Daphnia magna LC50	Fathead Minnow Survival & Growth	Ceriodaphnia dubia Survival & Reproduction	Lemna minor Growth	Pseudokirchnerella subcapitata Growth	RISS Data Entry	Other (please specify below)	Grab	Composite	# of Containers and Volume (eg. 2 x 1L, 3 x 10L, etc.)
2017-09-11	09:00	EEM-2b	52230	19.0					✓	✓	✓	✓		✓			4*20L pails

For Lab Use Only

Received By: VC/ESS

Date: 2017-09-13

Time: 10:45

Storage Location:

Storage Temp.(°C):

Please list any special requests or instructions:

Others - Pimephales Promelas

[Signature]



Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-67887

Sampling location: ST-EEM-2a N 65 04.11.74 W 95 58.51.01

Sampling date: September 11, 2017

Sample name: ST-EEM-2

Sampling hour: 08:00

Sampled by: Martin Theriault

Date received: September 12, 2017

Matrix: Waste Water

Drinking water distribution: **Vault**

Reported on: October 02, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
This report shall not be reproduced except in full without the written authority of the laboratory.



Analytical Report

Lab number: V-67887

Sample name: ST-EEM-2

Sampling date: September 11, 2017

Sampling location: ST-EEM-2a N 65 04.11.74 W 95 58.51.01

Sampling hour: 08:00

Parameter	Result	Method name	Analysis date
Alkalinity	63 mg CaCO3/L	M-TIT-1.0	September 12, 2017
Aluminium (Al)	0.283 mg/L	Sous-traitance\Multilab Direct	September 26, 2017
Ammonia nitrogen (NH3-NH4)	3.1 mg N/L	Sous-traitance\H2Lab inc. (SAM)	September 14, 2017
Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	September 26, 2017
Hardness	148 mg CaCO3/L	Sous-traitance\Multilab Direct	September 26, 2017
Iron (Fe)	0.47 mg/L	Sous-traitance\Multilab Direct	September 26, 2017
Mercury (Hg)	0.00004 mg/L	Sous-traitance\Multilab Direct	September 26, 2017
Molybdenum (Mo)	0.0227 mg/L	Sous-traitance\Multilab Direct	September 26, 2017
Ammonia NH3 (non-ionized)	0.04 mg N/L	Sous-traitance\H2Lab inc. (SAM)	September 14, 2017
Nitrate (NO3)	7.48 mg N/L	Sous-traitance\Multilab Direct	September 15, 2017
Selenium (Se)	0.002 mg/L	Sous-traitance\Multilab Direct	September 26, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Detection limit

Lab number: V-67887

Sample name: ST-EEM-2

Sampling date: September 11, 2017

Sampling location: ST-EEM-2a N 65 04.11.74 W 95 58.51.01

Sampling hour: 08:00

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO3/L	M-TIT-1.0	
Aluminium (Al)	0.003	mg/L	Sous-traitance	
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO3/L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Nitrate (NO3)	0.01	mg N/L	Sous-traitance	Yes
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Quality control Report

Lab number: V-67887

Sample name: ST-EEM-2

Sampling date: September 11, 2017

Sampling location: ST-EEM-2a N 65 04.11.74 W 95 58.51.01

Sampling hour: 08:00

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 135 Accuracy 93.1% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006
	Standard name DMR-0476-2017-22-Eu Result 6.63 Accuracy 94.3% Limit 5.02 - 7.52
Cadmium (Cd) mg/L	Blank <0.00002
	Standard name DMR-0476-2017-22-Eu Result 0.84995 Accuracy 94.3% Limit 0.721 - 1.081
Iron (Fe) mg/L	Blank <0.01
	Standard name DMR-0476-2017-22-Eu Result 13.2 Accuracy 84.2% Limit 9.1 - 13.7
Mercury (Hg) mg/L	Blank <0.00001
	Standard name DMR-0476-2017-HgEu Result 0.00049 Accuracy 70% Limit 0.00042 - 0.00098
Molybdenum (Mo) mg/L	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu Result 0.5975 Accuracy 84.4% Limit 0.566 - 0.850
Nitrate (NO ₃) mg N/L	Blank <0.01
Selenium (Se) mg/L	Blank <0.001
	Standard name DMR-0476-2017-22-Eu Result 1.43 Accuracy 94.1% Limit 1.08 - 1.62

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Additional information

Lab number: V-67887

Sample name: ST-EEM-2

Sampling date: September 11, 2017

Sampling location: ST-EEM-2a N 65 04.11.74 W 95 58.51.01

Sampling hour: 08:00

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-NITR-2.0	MA.300-NO3 2.0

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-67888

Sampling location: ST-10 N 65 04.11.9 W 95 59.52.7

Sampling date: September 11, 2017

Sample name: ST-10/ST-MMER-2

Sampling hour: 08:00

Sampled by: Martin Theriault

Date received: September 12, 2017

Matrix: Water

Drinking water distribution: **Vault**

Reported on: October 08, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

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Analytical Report

Lab number: V-67888

Sample name: ST-10/ST-MMER-2

Sampling date: September 11, 2017

Sampling location: ST-10 N 65 04.11.9 W 95 59.52.7

Sampling hour: 08:00

Parameter	Result	Method name	Analysis date
Alkalinity	63 mg CaCO ₃ /L	M-TIT-1.0	September 12, 2017
Aluminium (Al)	0.273 mg/L	Sous-traitance\Multilab Direct	September 21, 2017
Dissolved Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	September 21, 2017
Antimony (Sb)	0.0030 mg/L	Sous-traitance\Multilab Direct	September 21, 2017
Dissolved Antimony (Sb)	0.0033 mg/L	Sous-traitance\Multilab Direct	September 21, 2017
Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 21, 2017
Dissolved Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 21, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	2.86 mg N/L	Sous-traitance\Multilab Direct	September 18, 2017
Kjeldahl nitrogen	3.28 mg N/L	Sous-traitance\Multilab Direct	September 19, 2017
Barium (Ba)	0.0319 mg/L	Sous-traitance\Multilab Direct	September 21, 2017
Dissolved Barium (Ba)	0.0338 mg/L	Sous-traitance\Multilab Direct	September 21, 2017
Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 21, 2017
Dissolved Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 21, 2017
bicarbonate (HCO ₃)	63 mg CaCO ₃ /L	M-TIT-1.0	September 12, 2017
Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 21, 2017
Dissolved Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 21, 2017
Cadmium (Cd)	0.00005 mg/L	Sous-traitance\Multilab Direct	September 21, 2017
Dissolved Cadmium (Cd)	0.00008 mg/L	Sous-traitance\Multilab Direct	September 21, 2017
Calcium (Ca)	37.5 mg/L	Sous-traitance\Multilab Direct	September 21, 2017
Carbonate (CO ₃)	<2 mg CaCO ₃ /L	M-TIT-1.0	September 12, 2017
Dissolved Organic Carbon (D.O.C.)	5.8 mg/L	M-COT-1.0	September 12, 2017
Total Organic Carbon (T.O.C.)	5.8 mg/L	M-COT-1.0	September 12, 2017
Chloride	13.7 mg/L	Sous-traitance\Multilab Direct	September 15, 2017
Chrome (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	September 21, 2017
Dissolved Chromium (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	September 21, 2017
Copper (Cu)	0.0032 mg/L	Sous-traitance\Multilab Direct	September 21, 2017
Dissolved Copper (Cu)	0.0045 mg/L	Sous-traitance\Multilab Direct	September 21, 2017
Total Cyanide (CNT)	0.019 mg/L	Sous-traitance\Multilab Direct	September 18, 2017
Daphnia Magna	See sub file	Sous-traitance\Maxxam	September 14, 2017
Hardness	136 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	September 21, 2017
Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 21, 2017
dissolved Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 21, 2017
Iron (Fe)	0.79 mg/L	Sous-traitance\Multilab Direct	September 21, 2017
Dissolved Iron (Fe)	0.01 mg/L	Sous-traitance\Multilab Direct	September 21, 2017
Hydrocarbons (C10-C50)	<0.1 mg/L	M-HYD-2.0	October 02, 2017
Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	September 26, 2017
Dissolved Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	September 26, 2017
Total Suspended Solids	9 mg/L	M-SOLI-1.0	September 13, 2017
Magnesium (Mg)	10.3 mg/L	Sous-traitance\Multilab Direct	September 21, 2017
Manganese (Mn)	0.0546 mg/L	Sous-traitance\Multilab Direct	September 21, 2017

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Analytical Report

Lab number: V-67888

Sample name: ST-10/ST-MMER-2

Sampling date: September 11, 2017

Sampling location: ST-10 N 65 04.11.9 W 95 59.52.7

Sampling hour: 08:00

Parameter	Result	Method name	Analysis date
Dissolved Manganese (Mn)	0.0490 mg/L	Sous-traitance\Multilab Direct	September 21, 2017
Mercury (Hg)	0.00005 mg/L	Sous-traitance\Multilab Direct	September 26, 2017
Dissolved Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Molybdenum (Mo)	0.0213 mg/L	Sous-traitance\Multilab Direct	September 21, 2017
Dissolved Molybdenum (Mo)	0.0244 mg/L	Sous-traitance\Multilab Direct	September 21, 2017
Ammonia NH3 (non-ionized)	0.06 mg N/L	Sous-traitance\Multilab Direct	September 18, 2017
Nickel (Ni)	0.0037 mg/L	Sous-traitance\Multilab Direct	September 21, 2017
Dissolved Nickel (Ni)	0.0033 mg/L	Sous-traitance\Multilab Direct	September 21, 2017
Nitrate (NO3)	7.46 mg N/L	Sous-traitance\Multilab Direct	September 15, 2017
Nitrite (NO2)	0.11 mg N/L	Sous-traitance\Multilab Direct	September 15, 2017
Ortho-Phosphate (O-PO4)	0.01 mg P/L	Sous-traitance\Multilab Direct	September 14, 2017
Total Phosphorus (P)	<0.01 mg P/L	Sous-traitance\Multilab Direct	September 25, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	September 21, 2017
Dissolved Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	September 21, 2017
Potassium (K)	5.36 mg/L	Sous-traitance\Multilab Direct	September 21, 2017
Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 21, 2017
Dissolved Selenium (Se)	0.001 mg/L	Sous-traitance\Multilab Direct	September 21, 2017
Reactive silica (SiO2)	1.5 mg/L	Sous-traitance\Maxxam	September 18, 2017
Sodium (Na)	5.88 mg/L	Sous-traitance\Multilab Direct	September 21, 2017
Dissolved Solids	276 mg/L	M-TIT-1.0	September 12, 2017
Strontium (Sr)	0.325 mg/L	Sous-traitance\Multilab Direct	September 26, 2017
dissolved Strontium (Sr)	0.335 mg/L	Sous-traitance\Multilab Direct	September 26, 2017
Sulfate (SO4)	88.8 mg SO4/L	Sous-traitance\Multilab Direct	September 19, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	September 26, 2017
Dissolved thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	September 26, 2017
Titanium (Ti)	0.04 mg/L	Sous-traitance\Multilab Direct	September 21, 2017
Dissolved titanium (Ti)	0.03 mg/L	Sous-traitance\Multilab Direct	September 21, 2017
Rainbow trout	See sub file	Sous-traitance\Maxxam	September 15, 2017
Uranium (U)	0.007 mg/L	Sous-traitance\Multilab Direct	September 21, 2017
Dissolved Uranium (U)	0.007 mg/L	Sous-traitance\Multilab Direct	September 21, 2017
Vanadium (V)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 21, 2017
Dissolved Vanadium	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 21, 2017
Zinc (Zn)	0.003 mg/L	Sous-traitance\Multilab Direct	September 21, 2017
Dissolved Zinc	<0.001 mg/L	Sous-traitance\Multilab Direct	September 21, 2017

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Detection limit

Lab number: V-67888

Sample name: ST-10/ST-MMER-2

Sampling date: September 11, 2017

Sampling location: ST-10 N 65 04.11.9 W 95 59.52.7

Sampling hour: 08:00

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO ₃ /L	M-TIT-1.0	
Aluminium (Al)	0.003	mg/L	Sous-traitance	
Dissolved Aluminium (Al)	0.003	mg/L	Sous-traitance	
Antimony (Sb)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Antimony (Sb)	0.0001	mg/L	Sous-traitance	
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Arsenic (As)	0.0005	mg/L	Sous-traitance	
Ammonia nitrogen (NH ₃ -NH ₄)	0.01	mg N/L	Sous-traitance	Yes
Kjeldahl nitrogen	0.05	mg N/L	Sous-traitance	Yes
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Barium (Ba)	0.0005	mg/L	Sous-traitance	
Beryllium (Be)	0.0005	mg/L	Sous-traitance	
Dissolved Beryllium (Be)	0.0005	mg/L	Sous-traitance	
bicarbonate (HCO ₃)	2	mg CaCO ₃ /L	M-TIT-1.0	
Boron (B)	0.01	mg/L	Sous-traitance	Yes
Dissolved Boron (B)	0.006	mg/L	Sous-traitance	
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Dissolved Cadmium (Cd)	0.00002	mg/L	Sous-traitance	
Calcium (Ca)	0.03	mg/L	Sous-traitance	Yes
Carbonate (CO ₃)	2	mg CaCO ₃ /L	M-TIT-1.0	
Dissolved Organic Carbon (D.O.C.)	0.2	mg/L	M-COT-1.0	--
Total Organic Carbon (T.O.C.)	0.2	mg/L	M-COT-1.0	Yes
Chloride	0.5	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Dissolved Chromium (Cr)	0.0006	mg/L	Sous-traitance	
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Copper (Cu)	0.0005	mg/L	Sous-traitance	
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Daphnia Magna			Sous-traitance	Yes
Hardness	1	mg CaCO ₃ /L	Sous-traitance	
Tin (Sn)	0.001	mg/L	Sous-traitance	Yes
dissolved Tin (Sn)	0.001	mg/L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes
Dissolved Iron (Fe)	0.01	mg/L	Sous-traitance	
Hydrocarbons (C10-C50)	0.1	mg/L	M-HYD-2.0	Yes
Lithium (Li)	0.005	mg/L	Sous-traitance	
Dissolved Lithium (Li)	0.005	mg/L	Sous-traitance	
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Magnesium (Mg)	0.02	mg/L	Sous-traitance	Yes
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes

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Detection limit

Lab number: V-67888

Sample name: ST-10/ST-MMER-2

Sampling date: September 11, 2017

Sampling location: ST-10 N 65 04.11.9 W 95 59.52.7

Sampling hour: 08:00

Parameter	Value	Unit	Method	Accreditation
Dissolved Manganese (Mn)	0.0003	mg/L	Sous-traitance	
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Dissolved Mercury (Hg)	0.00001	mg/L	Sous-traitance	
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	
Ammonia NH3 (non-ionized)	0.01	mg N/L	Sous-traitance	-
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Nickel (Ni)	0.0005	mg/L	Sous-traitance	
Nitrate (NO3)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO2)	0.01	mg N/L	Sous-traitance	Yes
Ortho-Phosphate (O-PO4)	0.01	mg P/L	Sous-traitance	Yes
Total Phosphorus (P)	0.01	mg P/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Dissolved Lead (Pb)	0.0003	mg/L	Sous-traitance	
Potassium (K)	0.05	mg/L	Sous-traitance	
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Dissolved Selenium (Se)	0.001	mg/L	Sous-traitance	
Reactive silica (SiO2)		mg/L	Sous-traitance	
Sodium (Na)	0.05	mg/L	Sous-traitance	Yes
Dissolved Solids	1	mg/L	M-TIT-1.0	
Strontium (Sr)	0.005	mg/L	Sous-traitance	
dissolved Strontium (Sr)	0.005	mg/L	Sous-traitance	
Sulfate (SO4)	0.6	mg SO4/L	Sous-traitance	Yes
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Dissolved thallium (Tl)	0.0008	mg/L	Sous-traitance	
Titanium (Ti)	0.01	mg/L	Sous-traitance	
Dissolved titanium (Ti)	0.01	mg/L	Sous-traitance	
Rainbow trout			Sous-traitance	Yes
Uranium (U)	0.001	mg/L	Sous-traitance	
Dissolved Uranium (U)	0.001	mg/L	Sous-traitance	
Vanadium (V)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Vanadium	0.0005	mg/L	Sous-traitance	
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes
Dissolved Zinc	0.001	mg/L	Sous-traitance	

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Quality control Report

Lab number: V-67888

Sample name: ST-10/ST-MMER-2

Sampling date: September 11, 2017

Sampling location: ST-10 N 65 04.11.9 W 95 59.52.7

Sampling hour: 08:00

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 135 Accuracy 93.1% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006 Standard name DMR-0476-2017-22-Eu Result 6.35 Accuracy 98.7% Limit 5.02 - 7.52
Antimony (Sb) mg/L	Blank <0.0001 Standard name C00-046-705_X_1000 Result 0.0104 Accuracy 96% Limit 0.0080 - 0.0120
Arsenic (As) mg/L	Blank <0.0005 Standard name DMR-0476-2017-22-Eu Result 0.2679 Accuracy 94.3% Limit 0.199 - 0.369
Kjeldahl nitrogen mg N/L	Blank <0.05 Standard name DMR-0417-2017-NTK Result 6.02 Accuracy 93.8% Limit 4.82 - 6.52
Barium (Ba) mg/L	Blank <0.0005 Standard name DMR-0476-2017-22-Eu Result 2.236 Accuracy 92% Limit 1.94 - 2.92
Beryllium (Be) mg/L	Blank <0.0005 Standard name DMR-0476-2017-22-Eu Result 1.784 Accuracy 95.1% Limit 1.36 - 2.04
Boron (B) mg/L	Blank <0.01 Standard name DMR-0476-2017-22-Eu Result 2.87 Accuracy 99.7% Limit 2.30 - 3.46
Cadmium (Cd) mg/L	Blank <0.00002

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Quality control Report

Lab number: V-67888

Sample name: ST-10/ST-MMER-2

Sampling date: September 11, 2017

Sampling location: ST-10 N 65 04.11.9 W 95 59.52.7

Sampling hour: 08:00

Parameter	
	Standard name DMR-0476-2017-22-Eu
	Result 0.86096
	Accuracy 95.6%
	Limit 0.721 - 1.081
Calcium (Ca) mg/L	Blank <0.03
	Standard name DMR-0476-2017-22-Eu
	Result 17.5
	Accuracy 86.6%
	Limit 16.2 - 24.2
Dissolved Organic Carbon (D.O.C.) mg/L	Blank <0.2
	Standard name COD 10mg/L
	Result 10
	Accuracy 100%
	Limit 8 - 12
Total Organic Carbon (T.O.C.) mg/L	Blank <0.2
	Standard name COT 10mg/L
	Result 10
	Accuracy 100%
	Limit 8 - 12
Chloride mg/L	Blank <0.5
	Standard name DMR-0417-2017-CI
	Result 111
	Accuracy 97.2%
	Limit 95 - 121
Chrome (Cr) mg/L	Blank <0.0006
	Standard name DMR-0476-2017-22-Eu
	Result 3.624
	Accuracy 89.5%
	Limit 3.24 - 4.86
Copper (Cu) mg/L	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu
	Result 1.323
	Accuracy 96.6%
	Limit 1.02 - 1.54
Total Cyanide (CNT) mg/L	Blank <0.001
	Standard name DMR-0343-CN
	Result 1.20
	Accuracy 98.3%
	Limit 1.003 - 1.357
Tin (Sn) mg/L	Blank <0.001

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Quality control Report

Lab number: V-67888

Sample name: ST-10/ST-MMER-2

Sampling date: September 11, 2017

Sampling location: ST-10 N 65 04.11.9 W 95 59.52.7

Sampling hour: 08:00

Parameter	
Iron (Fe) mg/L	Blank <0.01 Standard name DMR-0476-2017-22-Eu Result 13.1 Accuracy 85.1% Limit 9.1 - 13.7
Dissolved Iron (Fe) mg/L	Blank <0.01 Standard name DMR-0476-2017-22-Eu Result 13.4 Accuracy 82.5% Limit 9.1 - 13.7
Hydrocarbons (C10-C50) mg/L	Blank <0.1 Standard name C10C50-200ppm Result 1.10 Accuracy 88% Limit 0.88 - 1.63
Hydrocarbons (C10-C50) mg/L	Standard name MR-0.625mg/L Result 0.500 Accuracy 80% Limit 0.438 - 0.813
Lithium (Li) mg/L	Blank <0.005 Standard name DMR-0476-2017-22-Eu Result 0.738 Accuracy 87.2% Limit 0.677 - 1.015
Dissolved Lithium (Li) mg/L	Blank <0.005 Standard name DMR-0476-2017-22-Eu Result 0.889 Accuracy 94.9% Limit 0.677 - 1.015
Total Suspended Solids mg/L	Blank <1 Standard name STD-MES 250mg/L Result 254 Accuracy 98.4% Limit 194 - 306
Total Suspended Solids mg/L	Standard name STD-MES 25mg/L Result 23 Accuracy 92% Limit 19 - 31
Magnesium (Mg) mg/L	Blank <0.02 Standard name DMR-0476-2017-22-Eu

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Quality control Report

Lab number: V-67888

Sample name: ST-10/ST-MMER-2

Sampling date: September 11, 2017

Sampling location: ST-10 N 65 04.11.9 W 95 59.52.7

Sampling hour: 08:00

Parameter	
Manganese (Mn) mg/L	Result 7.41
	Accuracy 93.7%
	Limit 6.33 - 9.49
	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu
Mercury (Hg) mg/L	Result 3.783
	Accuracy 97%
	Limit 3.12 - 4.68
	Blank <0.00001
	Standard name DMR-0476-2017-HgEu
Molybdenum (Mo) mg/L	Result 0.00049
	Accuracy 70%
	Limit 0.00042 - 0.00098
	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu
Nickel (Ni) mg/L	Result 0.5925
	Accuracy 83.7%
	Limit 0.566 - 0.850
	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu
Nitrate (NO3) mg N/L	Result 1.074
	Accuracy 94.2%
Nitrite (NO2) mg N/L	Limit 0.91 - 1.37
	Blank <0.01
Ortho-Phosphate (O-PO4) mg P/	Blank <0.01
	Standard name DMR-0417-2017-NO2
	Result 2.74
	Accuracy 98.9%
	Limit 2.30 - 3.12
Total Phosphorus (P) mg P/L	Blank <0.01
	Standard name DMR-0417-2017-OPO4
	Result 3.10
	Accuracy 97.2%
	Limit 2.81 - 3.57
Lead (Pb) mg/L	Blank <0.01
	Standard name DMR-0476-2017-Ptotal
	Result 1.16
	Accuracy 98.2%
	Limit 1.00 - 1.28

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Quality control Report

Lab number: V-67888

Sample name: ST-10/ST-MMER-2

Sampling date: September 11, 2017

Sampling location: ST-10 N 65 04.11.9 W 95 59.52.7

Sampling hour: 08:00

Parameter	
	Standard name DMR-0476-2017-22-Eu
	Result 0.8651
	Accuracy 95.8%
	Limit 0.722 - 1.084
Potassium (K) mg/L	Blank <0.05
	Standard name DMR-0476-2017-22-Eu
	Result 17.3
	Accuracy 97.2%
	Limit 14.2 - 21.4
Selenium (Se) mg/L	Blank <0.001
	Standard name DMR-0476-2017-22-Eu
	Result 1.46
	Accuracy 91.9%
	Limit 1.08 - 1.62
Sodium (Na) mg/L	Blank <0.05
	Standard name DMR-0476-2017-22-Eu
	Result 26.2
	Accuracy 96.7%
	Limit 21.7 - 32.5
Strontium (Sr) mg/L	Blank <0.005
	Standard name DMR-0476-2017-22-Eu
	Result 1.21
	Accuracy 98.4%
	Limit 0.98 - 1.48
dissolved Strontium (Sr) mg/L	Blank <0.005
	Standard name DMR-0476-2017-22-Eu
	Result 1.44
	Accuracy 82.9%
	Limit 0.98 - 1.48
Sulfate (SO4) mg SO4/L	Blank <0.6
	Standard name DMR-0417-2017-SO4
	Result 131
	Accuracy 93.5%
	Limit 114 - 132
Thallium (Tl) mg/L	Blank <0.0008
	Standard name TI-S140909023-1000ppm
	Result 927
	Accuracy 92.7%
	Limit 800 - 1200
Dissolved thallium (Tl) mg/L	Blank <0.0008

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Quality control Report

Lab number: V-67888

Sample name: ST-10/ST-MMER-2

Sampling date: September 11, 2017

Sampling location: ST-10 N 65 04.11.9 W 95 59.52.7

Sampling hour: 08:00

Parameter	
	Standard name TI-S140909023-1000ppm
	Result 928
	Accuracy 92.8%
	Limit 800 - 1200
Titanium (Ti) mg/L	Blank <0.01
Uranium (U) mg/L	Blank <0.001
	Standard name DMR-0476-2017-22-Eu
	Result 1.63
	Accuracy 92.6%
	Limit 1.41 - 2.11
Vanadium (V) mg/L	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu
	Result 1.797
	Accuracy 90.3%
	Limit 1.59 - 2.39
Zinc (Zn) mg/L	Blank <0.001
	Standard name DMR-0476-2017-22-Eu
	Result 4.70
	Accuracy 96.9%
	Limit 3.65 - 5.47

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Additional information

Lab number: V-67888

Sample name: ST-10/ST-MMER-2

Sampling location: ST-10 N 65 04.11.9 W 95 59.52.7

Sampling date: September 11, 2017

Sampling hour: 08:00

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-NH3-2.0	MA.300-N 2.0
M-CL-2.0	MA.300-Ions 1.3
M-CN-1.0	MA.300-CN 1.2
M-HYD-2.0	MA.400-HYD. 1.1
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-P-2.0	MA.303-P 1.1
M-P-3.0	MA. 315-P 2.0
M-SULF-2.0	MA.300-Ions 1.3

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-67889

Sampling location: ST-8/ST-MMER-3a 65.01.11.2.N 96.02.32.0.W

Sampling date: September 11, 2017

Sample name: ST-8/ST-MMER-3a Weekly

Sampling hour: 08:00

Sampled by: Jamie Kataluk

Date received: September 12, 2017

Matrix: Water

Drinking water distribution:

Reported on: September 13, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
This report shall not be reproduced except in full without the written authority of the laboratory.



Analytical Report

Lab number: V-67889

Sample name: ST-8/ST-MMER-3a Weekly

Sampling date: September 11, 2017

Sampling location: ST-8/ST-MMER-3a 65.01.11.2.N 96.02.32.0.W

Sampling hour: 08:00

Parameter	Result	Method name	Analysis date
Total Suspended Solids	3 mg/L	M-SOLI-1.0	September 13, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Detection limit

Lab number: V-67889

Sample name: ST-8/ST-MMER-3a Weekly

Sampling date: September 11, 2017

Sampling location: ST-8/ST-MMER-3a 65.01.11.2.N 96.02.32.0.W

Sampling hour: 08:00

Parameter	Value	Unit	Method	Accreditation
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Additional information

Lab number: V-67889

Sample name: ST-8/ST-MMER-3a Weekly

Sampling date: September 11, 2017

Sampling location: ST-8/ST-MMER-3a 65.01.11.2.N 96.02.32.0.W

Sampling hour: 08:00

Lab method	Method reference
M-SOLI-1.0	MA.104-S.S. 1.1

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-68065

Sampling location: NP1

Sampling date: September 13, 2017

Sample name: KIA-NP1 West

Sampling hour: 15:00

Sampled by: MT

Date received: September 15, 2017

Matrix: Water

Drinking water distribution:

Reported on: October 11, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Lab number: V-68065

Sample name: KIA-NP1 West

Sampling location: NP1

Sampling date: September 13, 2017

Sampling hour: 15:00

Parameter	Result	Method name	Analysis date
Alkalinity	63 mg CaCO ₃ /L	M-TIT-1.0	September 15, 2017
Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Antimony (Sb)	0.0002 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Antimony (Sb)	0.0002 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	<0.05 mg N/L	Sous-traitance\H2Lab inc. (SAM)	September 19, 2017
Kjeldahl nitrogen	0.73 mg N/L	Sous-traitance\H2Lab inc. (SAM)	September 27, 2017
Barium (Ba)	0.0069 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Barium (Ba)	0.0078 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
bicarbonate (HCO ₃)	63 mg CaCO ₃ /L	M-TIT-1.0	September 15, 2017
Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Bromides	0.09 mg/L	Sous-traitance\Multilab Direct	October 03, 2017
Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Calcium (Ca)	20.4 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Carbonate (CO ₃)	<2 mg CaCO ₃ /L	M-TIT-1.0	September 15, 2017
Dissolved Organic Carbon (D.O.C.)	5.6 mg/L	M-COT-1.0	September 15, 2017
Total Organic Carbon (T.O.C.)	5.6 mg/L	M-COT-1.0	September 15, 2017
Chlorophyll A	1.9 µg/L	Sous-traitance\H2Lab inc. (SAM)	October 03, 2017
Chloride	12.1 mg/L	Sous-traitance\Multilab Direct	September 22, 2017
Chrome (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Chromium (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Cobalt (Co)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Cobalt (Co)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Conductivity	261 µmhos/cm	M-TIT-1.0	September 15, 2017
Colour	5 Colour units	Sous-traitance\Multilab Direct	September 20, 2017
Copper (Cu)	0.0006 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Copper (Cu)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Cyanide W.A.D.	0.001 mg/L	Sous-traitance\Multilab Direct	September 22, 2017
Total Cyanide (CNT)	0.002 mg/L	Sous-traitance\Multilab Direct	September 22, 2017
Hardness	80 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	September 29, 2017
Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
dissolved Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017

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Analytical Report

Lab number: V-68065

Sample name: KIA-NP1 West

Sampling location: NP1

Sampling date: September 13, 2017

Sampling hour: 15:00

Parameter	Result	Method name	Analysis date
Iron (Fe)	0.03 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Iron (Fe)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Fluoride (F)	0.20 mg/L	Sous-traitance\Multilab Direct	October 28, 2017
Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	October 03, 2017
Dissolved Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	October 03, 2017
Total Suspended Solids	4 mg/L	M-SOLI-1.0	September 18, 2017
Magnesium (Mg)	7.76 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Magnesium (Mg)	7.06 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Manganese (Mn)	0.0049 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Manganese (Mn)	0.0024 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Dissolved Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Molybdenum (Mo)	0.0029 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Molybdenum (Mo)	0.0027 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Ammonia NH3 (non-ionized)	<0.01 mg N/L	Sous-traitance\H2Lab inc. (SAM)	September 29, 2017
Nickel (Ni)	0.0031 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Nickel (Ni)	0.0029 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Nitrate (NO3)	0.10 mg N/L	Sous-traitance\Multilab Direct	September 20, 2017
Nitrite (NO2)	<0.01 mg N/L	Sous-traitance\Multilab Direct	September 20, 2017
Ortho-Phosphate (O-PO4)	<0.01 mg P/L	Sous-traitance\Multilab Direct	September 21, 2017
Dissolved oxygen	10.7 mg/L	Sous-traitance\Multilab Direct	September 19, 2017
pH	8.18	M-TIT-1.0	September 15, 2017
Total Phosphorus (P)	<0.04 mg P/L	Sous-traitance\H2Lab inc. (SAM)	September 18, 2017
Total Phosphorus (P) (Trace)	6.1 µg P/L	Sous-traitance\H2Lab inc. (SAM)	September 21, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Potassium (K)	2.48 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Selenium (Se)	0.002 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Reactive silica (SiO2)	0.29 mg/L	Sous-traitance\Maxxam	September 25, 2017
Sodium (Na)	5.17 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Solids	174 mg/L	M-TIT-1.0	September 15, 2017
Strontium (Sr)	0.092 mg/L	Sous-traitance\Multilab Direct	October 03, 2017
dissolved Strontium (Sr)	0.090 mg/L	Sous-traitance\Multilab Direct	October 03, 2017
Sulfate (SO4)	43.9 mg SO4/L	Sous-traitance\Multilab Direct	September 20, 2017
Tellurium (Te)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	October 03, 2017
Dissolved thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	October 03, 2017
Thiocyanate (SCN)	0.24 mg SCN/L	Sous-traitance\Multilab Direct	September 21, 2017
Thiosulfates (S2O3)	<0.02 mg S2O3/L	Sous-traitance\Multilab Direct	September 22, 2017

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Analytical Report

Lab number: V-68065

Sample name: KIA-NP1 West

Sampling location: NP1

Sampling date: September 13, 2017

Sampling hour: 15:00

Parameter	Result	Method name	Analysis date
Titanium (Ti)	0.02 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved titanium (Ti)	0.02 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Turbidity	1.00 NTU	Sous-traitance\Multilab Direct	September 19, 2017
Uranium (U)	0.002 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Uranium (U)	0.002 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Vanadium (V)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Vanadium	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Zinc (Zn)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Zinc	<0.001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017

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Detection limit

Lab number: V-68065

Sample name: KIA-NP1 West

Sampling location: NP1

Sampling date: September 13, 2017

Sampling hour: 15:00

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO ₃ /L	M-TIT-1.0	
Aluminium (Al)	0.003	mg/L	Sous-traitance	
Dissolved Aluminium (Al)	0.003	mg/L	Sous-traitance	
Antimony (Sb)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Antimony (Sb)	0.0001	mg/L	Sous-traitance	
Silver (Ag)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Silver (Ag)	0.0001	mg/L	Sous-traitance	
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Arsenic (As)	0.0005	mg/L	Sous-traitance	
Kjeldahl nitrogen	0.05	mg N/L	Sous-traitance	
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Barium (Ba)	0.0005	mg/L	Sous-traitance	
Beryllium (Be)	0.0005	mg/L	Sous-traitance	
Dissolved Beryllium (Be)	0.0005	mg/L	Sous-traitance	
bicarbonate (HCO ₃)	2	mg CaCO ₃ /L	M-TIT-1.0	
Boron (B)	0.01	mg/L	Sous-traitance	Yes
Dissolved Boron (B)	0.006	mg/L	Sous-traitance	
Bromides	0.01	mg/L	Sous-traitance	
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Dissolved Cadmium (Cd)	0.00002	mg/L	Sous-traitance	
Calcium (Ca)	0.03	mg/L	Sous-traitance	Yes
Carbonate (CO ₃)	2	mg CaCO ₃ /L	M-TIT-1.0	
Dissolved Organic Carbon (D.O.C.)	0.2	mg/L	M-COT-1.0	--
Total Organic Carbon (T.O.C.)	0.2	mg/L	M-COT-1.0	Yes
Chlorophyll A	0.04	µg/L	Sous-traitance	
Chloride	0.5	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Dissolved Chromium (Cr)	0.0006	mg/L	Sous-traitance	
Cobalt (Co)	0.0005	mg/L	Sous-traitance	
Dissolved Cobalt (Co)	0.0005	mg/L	Sous-traitance	
Conductivity	1	µmhos/cm	M-TIT-1.0	Yes
Colour	1	UCV	Sous-traitance	Yes
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Copper (Cu)	0.0005	mg/L	Sous-traitance	
Cyanide W.A.D.	0.001	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO ₃ /L	Sous-traitance	
Tin (Sn)	0.001	mg/L	Sous-traitance	Yes
dissolved Tin (Sn)	0.001	mg/L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Detection limit

Lab number: V-68065

Sample name: KIA-NP1 West

Sampling date: September 13, 2017

Sampling location: NP1

Sampling hour: 15:00

Parameter	Value	Unit	Method	Accreditation
Dissolved Iron (Fe)	0.01	mg/L	Sous-traitance	
Fluoride (F)	0.01	mg/L	Sous-traitance	Yes
Lithium (Li)	0.005	mg/L	Sous-traitance	
Dissolved Lithium (Li)	0.005	mg/L	Sous-traitance	
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Magnesium (Mg)	0.02	mg/L	Sous-traitance	Yes
Dissolved Magnesium (Mg)	0.02	mg/L	Sous-traitance	
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Manganese (Mn)	0.0003	mg/L	Sous-traitance	
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Dissolved Mercury (Hg)	0.00001	mg/L	Sous-traitance	
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Nickel (Ni)	0.0005	mg/L	Sous-traitance	
Nitrate (NO3)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO2)	0.01	mg N/L	Sous-traitance	Yes
Ortho-Phosphate (O-PO4)	0.01	mg P/L	Sous-traitance	Yes
Dissolved oxygen	0.1	mg/L	Sous-traitance	
pH			M-TIT-1.0	Yes
Total Phosphorus (P)	0.04	mg P/L	Sous-traitance	
Total Phosphorus (P) (Trace)	1.9	µg P/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Dissolved Lead (Pb)	0.0003	mg/L	Sous-traitance	
Potassium (K)	0.05	mg/L	Sous-traitance	
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Dissolved Selenium (Se)	0.001	mg/L	Sous-traitance	
Reactive silica (SiO2)		mg/L	Sous-traitance	
Sodium (Na)	0.05	mg/L	Sous-traitance	Yes
Dissolved Solids	1	mg/L	M-TIT-1.0	
Strontium (Sr)	0.005	mg/L	Sous-traitance	
dissolved Strontium (Sr)	0.005	mg/L	Sous-traitance	
Sulfate (SO4)	0.6	mg SO4/L	Sous-traitance	Yes
Tellurium (Te)	0.0005	mg/L	Sous-traitance	
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Dissolved thallium (Tl)	0.0008	mg/L	Sous-traitance	
Thiocyanate (SCN)	0.05	mg SCN/L	Sous-traitance	Yes
Thiosulfates (S2O3)	0.02	mg S2O3/L	Sous-traitance	Yes
Titanium (Ti)	0.01	mg/L	Sous-traitance	
Dissolved titanium (Ti)	0.01	mg/L	Sous-traitance	

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Detection limit

Lab number: V-68065

Sample name: KIA-NP1 West

Sampling date: September 13, 2017

Sampling location: NP1

Sampling hour: 15:00

Parameter	Value	Unit	Method	Accreditation
Turbidity	0.02	UTN	Sous-traitance	Yes
Uranium (U)	0.001	mg/L	Sous-traitance	
Dissolved Uranium (U)	0.001	mg/L	Sous-traitance	
Vanadium (V)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Vanadium	0.0005	mg/L	Sous-traitance	
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes
Dissolved Zinc	0.001	mg/L	Sous-traitance	

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Quality control Report

Lab number: V-68065

Sample name: KIA-NP1 West

Sampling location: NP1

Sampling date: September 13, 2017

Sampling hour: 15:00

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 147 Accuracy 98.6% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006
	Standard name DMR-0476-2017-22-Eu Result 5.33 Accuracy 85% Limit 5.02 - 7.52
Dissolved Aluminium (Al) mg/L	Blank <0.006
	Standard name DMR-0476-2017-22-Eu Result 5.66 Accuracy 90.3% Limit 5.02 - 7.52
Antimony (Sb) mg/L	Blank <0.0001
	Standard name DMR-0476-2017-22-Eu Result 0.2168 Accuracy 97.7% Limit 0.178 - 0.266
Dissolved Antimony (Sb) mg/L	Blank <0.0001
	Standard name C00-046-705_X_1000 Result 0.0117 Accuracy 83% Limit 0.0080 - 0.0120
Silver (Ag) mg/L	Blank <0.0001
Dissolved Silver (Ag) mg/L	Blank <0.0001
Arsenic (As) mg/L	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu Result 0.2691 Accuracy 94.8% Limit 0.199 - 0.369
Dissolved Arsenic (As) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000 Result 0.0879 Accuracy 87.9% Limit 0.0800 - 0.1200
Barium (Ba) mg/L	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu Result 2.784 Accuracy 85.4%

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Quality control Report

Lab number: V-68065

Sample name: KIA-NP1 West

Sampling location: NP1

Sampling date: September 13, 2017

Sampling hour: 15:00

Parameter	
Dissolved Barium (Ba) mg/L	Limit 1.94 - 2.92
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1092
	Accuracy 90.8%
Beryllium (Be) mg/L	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu
	Result 1.497
	Accuracy 88.1%
Dissolved Beryllium (Be) mg/L	Limit 1.36 - 2.04
	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu
	Result 1.540
	Accuracy 90.6%
Boron (B) mg/L	Limit 1.36 - 2.04
	Blank <0.01
	Standard name DMR-0476-2017-22-Eu
	Result 2.80
	Accuracy 97.2%
Dissolved Boron (B) mg/L	Limit 2.30 - 3.46
	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 0.84
	Accuracy 84%
Bromides mg/L	Limit 0.800 - 1.200
	Blank <0.01
	Standard name DMR-0119-2017-Br
	Result 4.97
	Accuracy 88.3%
Cadmium (Cd) mg/L	Limit 4.50 - 6.76
	Blank <0.00002
	Standard name DMR-0476-2017-22-Eu
	Result 0.97801
	Accuracy 91.5%
Dissolved Cadmium (Cd) mg/L	Limit 0.721 - 1.081
	Blank <0.00002
	Standard name C00-046-705_X_1000
	Result 0.10208
	Accuracy 97.9%

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Quality control Report

Lab number: V-68065

Sample name: KIA-NP1 West

Sampling location: NP1

Sampling date: September 13, 2017

Sampling hour: 15:00

Parameter	
Calcium (Ca) mg/L	Limit 0.0800 - 0.1200 Standard name C00-046-705_X_1000 Result 0.87 Accuracy 87%
Dissolved Organic Carbon (D.O.C.) mg/L	Limit 0.800 - 1.200 Blank <0.2 Standard name COD 10mg/L Result 10 Accuracy 100%
Total Organic Carbon (T.O.C.) mg/L	Limit 8 - 12 Blank <0.2 Standard name COT 10mg/L Result 10 Accuracy 100%
Chloride mg/L	Limit 8 - 12 Blank <0.5 Standard name DMR-0476-2017-13-CL Result 112 Accuracy 96.3%
Chrome (Cr) mg/L	Limit 95 - 121 Blank <0.0006 Standard name DMR-0476-2017-22-Eu Result 3.991 Accuracy 98.5%
Dissolved Chromium (Cr) mg/L	Limit 3.24 - 4.86 Blank <0.0006 Standard name C00-046-705_X_1000 Result 0.0925 Accuracy 92.5%
Cobalt (Co) mg/L	Limit 0.0800 - 0.1200 Blank <0.0005 Standard name DMR-0476-2017-22-Eu Result 1.588 Accuracy 98.2%
Dissolved Cobalt (Co) mg/L	Limit 1.25 - 1.87 Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0953 Accuracy 95.3%

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Quality control Report

Lab number: V-68065

Sample name: KIA-NP1 West

Sampling location: NP1

Sampling date: September 13, 2017

Sampling hour: 15:00

Parameter	
Conductivity µmhos/cm	Standard name STD cond maison Result 1407 Accuracy 99.4% Limit 1203 - 1627
Colour UCV	Blank <1
	Standard name DMR-0417-2017-Coul Result 100 Accuracy 85.1% Limit 67 - 107
Copper (Cu) mg/L	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu Result 1.344 Accuracy 95% Limit 1.02 - 1.54
Dissolved Copper (Cu) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000 Result 0.0928 Accuracy 92.8% Limit 0.0800 - 0.1200
Cyanide W.A.D. mg/L	Blank <0.001
	Standard name DMR-0343-CN Result 0.835 Accuracy 94.6% Limit 0.751 - 1.015
Total Cyanide (CNT) mg/L	Blank <0.001
	Standard name DMR-0343-CN Result 1.17 Accuracy 99.2% Limit 1.003 - 1.357
Tin (Sn) mg/L	Blank <0.001
dissolved Tin (Sn) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000 Result 0.104 Accuracy 96% Limit 0.0700 - 0.1300
Iron (Fe) mg/L	Blank <0.01
	Standard name DMR-0476-2017-22-Eu Result 11.8 Accuracy 96.5% Limit 9.1 - 13.7

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Quality control Report

Lab number: V-68065

Sample name: KIA-NP1 West

Sampling location: NP1

Sampling date: September 13, 2017

Sampling hour: 15:00

Parameter	
Dissolved Iron (Fe) mg/L	Blank <0.01 Standard name C00-046-705_X_1000 Result 0.95 Accuracy 95% Limit 0.800 - 1.200
Fluoride (F) mg/L	Blank <0.02 Standard name Controle maison 2 ppm F Result 1.93 Accuracy 96.5% Limit 1.85 - 2.15
Lithium (Li) mg/L	Blank <0.005
Dissolved Lithium (Li) mg/L	Blank <0.005
Total Suspended Solids mg/L	Blank <1 Standard name STD-MES 25mg/L Result 26 Accuracy 96% Limit 19 - 31
Magnesium (Mg) mg/L	Blank <0.02 Standard name DMR-0476-2017-22-Eu Result 7.00 Accuracy 88.5% Limit 6.33 - 9.49
Dissolved Magnesium (Mg) mg/L	Blank <0.02 Standard name C00-046-705_X_1000 Result 0.83 Accuracy 83% Limit 0.800 - 1.200
Manganese (Mn) mg/L	Blank <0.0005 Standard name DMR-0476-2017-22-Eu Result 4.264 Accuracy 90.7% Limit 3.12 - 4.68
Dissolved Manganese (Mn) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1052 Accuracy 94.8% Limit 0.0800 - 0.1200
Mercury (Hg) mg/L	Blank <0.00001 Standard name DMR-0426-2016-HgEu-1 Result 0.00334

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Quality control Report

Lab number: V-68065

Sample name: KIA-NP1 West

Sampling location: NP1

Sampling date: September 13, 2017

Sampling hour: 15:00

Parameter	
Dissolved Mercury (Hg) mg/L	Accuracy 77.7%
	Limit 0.0026 - 0.0060
	Blank <0.00001
	Standard name DMR-0426-2016-HgEu-1
	Result 0.00299
Molybdenum (Mo) mg/L	Accuracy 69.5%
	Limit 0.0026 - 0.0060
	Sample duplicate <0.00001-<0.00001
	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu
Dissolved Molybdenum (Mo) mg/l	Result 0.7125
	Accuracy 99.4%
	Limit 0.566 - 0.850
	Blank <0.0005
	Standard name C00-046-705_X_1000
Nickel (Ni) mg/L	Result 0.1016
	Accuracy 98.4%
	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu
Dissolved Nickel (Ni) mg/L	Result 1.095
	Accuracy 96.1%
	Limit 0.91 - 1.37
	Blank <0.0005
	Standard name C00-046-705_X_1000
Nitrate (NO3) mg N/L	Result 0.0915
	Accuracy 91.5%
	Limit 0.0800 - 0.1200
	Blank <0.01
	Standard name DMR-0417-2017-NO2
Nitrite (NO2) mg N/L	Result 2.65
	Accuracy 97.8%
	Limit 2.30 - 3.12
	Blank <0.01
	Standard name DMR-0417-2017-OPO4
Ortho-Phosphate (O-PO4) mg P/l	Result 3.28
	Accuracy 97.2%
	Limit 2.81 - 3.57
	Blank <0.01
	Standard name STD pH 7.0
pH	

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Quality control Report

Lab number: V-68065

Sample name: KIA-NP1 West

Sampling location: NP1

Sampling date: September 13, 2017

Sampling hour: 15:00

Parameter		
Lead (Pb) mg/L	Result 7.03	
	Accuracy 99.6%	
	Limit 6.96 - 7.04	
	Blank <0.0003	
	Standard name DMR-0476-2017-22-Eu	
Dissolved Lead (Pb) mg/L	Result 0.9364	
	Accuracy 96.3%	
	Limit 0.722 - 1.084	
	Blank <0.0003	
	Standard name C00-046-705_X_1000	
Potassium (K) mg/L	Result 0.0986	
	Accuracy 98.6%	
	Limit 0.0800 - 0.1200	
	Standard name C00-046-705_X_1000	
	Result 0.93	
Selenium (Se) mg/L	Accuracy 93%	
	Limit 0.800 - 1.200	
	Blank <0.001	
	Standard name DMR-0476-2017-22-Eu	
	Result 1.48	
Dissolved Selenium (Se) mg/L	Accuracy 90.4%	
	Limit 1.08 - 1.62	
	Blank <0.001	
	Standard name C00-046-705_X_1000	
	Result 0.101	
Strontium (Sr) mg/L	Accuracy 99%	
	Limit 0.0800 - 0.1200	
	Blank <0.005	
	dissolved Strontium (Sr) mg/L	Blank <0.005
	Sulfate (SO4) mg SO4/L	Blank <0.6
Tellurium (Te) mg/L	Standard name DMR-0417-2017-SO4	
	Result 125	
	Accuracy 98.4%	
	Limit 114 - 132	
	Standard name C00-046-705_X_1000	
Thallium (Tl) mg/L	Result 0.0877	
	Accuracy 87.7%	
	Limit 0.0800 - 0.1200	
	Blank <0.0008	
	Standard name TI-S140909023-1000ppm	

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Quality control Report

Lab number: V-68065

Sample name: KIA-NP1 West

Sampling location: NP1

Sampling date: September 13, 2017

Sampling hour: 15:00

Parameter	
	Result 838
	Accuracy 83.8%
	Limit 800 - 1200
Dissolved thallium (Tl) mg/L	Blank <0.0008
	Standard name TI-S140909023-1000ppm
	Result 838
	Accuracy 83.8%
	Limit 800 - 1200
Thiocyanate (SCN) mg SCN/L	Blank <0.05
	Standard name STD SCN 568ppm
	Result 594
	Accuracy 95.4%
	Limit 398 - 738
Thiosulfates (S2O3) mg S2O3/L	Blank <0.02
	Standard name S2O3-225ppm
	Result 270
	Accuracy 80%
	Limit 158 - 293
Titanium (Ti) mg/L	Blank <0.01
Dissolved titanium (Ti) mg/L	Blank <0.01
Turbidity UTN	Standard name DMR-0417-2017-Turb
	Result 5.38
	Accuracy 96.3%
	Limit 4.41 - 5.97
Uranium (U) mg/L	Blank <0.001
	Standard name DMR-0476-2017-22-Eu
	Result 2.01
	Accuracy 85.8%
	Limit 1.41 - 2.11
Dissolved Uranium (U) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.112
	Accuracy 88%
	Limit 0.0800 - 0.1200
Vanadium (V) mg/L	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu
	Result 1.933
	Accuracy 97.1%
	Limit 1.59 - 2.39
Dissolved Vanadium mg/L	Blank <0.0005

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Additional information

Lab number: V-68065

Sample name: KIA-NP1 West

Sampling location: NP1

Sampling date: September 13, 2017

Sampling hour: 15:00

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-CL-2.0	MA.300-Ions 1.3
M-COUL-1.0	MA.103-Col. 2.0
M-CN-1.0	MA.300-CN 1.2
M-CI-1.0	MA.300-Anions 1.0
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-P-2.0	MA.303-P 1.1
M-SULF-2.0	MA.300-Ions 1.3
M-TURB-1.0	MA.103-Tur. 1.0

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-68064

Sampling location: NP2

Sampling date: September 13, 2017

Sample name: KIA-NP2-East

Sampling hour: 11:00

Sampled by: MT

Date received: September 15, 2017

Matrix: Water

Corrected certificate, replacing the certificate V-68064 done on October 11 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Lab number: V-68064

Sample name: KIA-NP2-East

Sampling location: NP2

Sampling date: September 13, 2017

Sampling hour: 11:00

Parameter	Result	Method name	Analysis date
Alkalinity	53 mg CaCO ₃ /L	M-TIT-1.0	September 15, 2017
Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Antimony (Sb)	0.0001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Antimony (Sb)	<0.0001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	<0.05 mg N/L	Sous-traitance\H2Lab inc. (SAM)	September 19, 2017
Kjeldahl nitrogen	<0.70 mg N/L	Sous-traitance\H2Lab inc. (SAM)	September 27, 2017
Barium (Ba)	0.0093 mg/L	Sous-traitance\Multilab Direct	October 06, 2017
Dissolved Barium (Ba)	0.0066 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
bicarbonate (HCO ₃)	53 mg CaCO ₃ /L	M-TIT-1.0	September 15, 2017
Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Bromides	0.05 mg/L	Sous-traitance\Multilab Direct	October 03, 2017
Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Calcium (Ca)	17.0 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Carbonate (CO ₃)	<2 mg CaCO ₃ /L	M-TIT-1.0	September 15, 2017
Dissolved Organic Carbon (D.O.C.)	5.9 mg/L	M-COT-1.0	September 15, 2017
Total Organic Carbon (T.O.C.)	5.9 mg/L	M-COT-1.0	September 15, 2017
Chlorophyll A	1.1 µg/L	Sous-traitance\H2Lab inc. (SAM)	October 03, 2017
Chloride	4.2 mg/L	Sous-traitance\Multilab Direct	September 22, 2017
Chrome (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Chromium (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Cobalt (Co)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Cobalt (Co)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Conductivity	230 µmhos/cm	M-TIT-1.0	September 15, 2017
Colour	6 Colour units	Sous-traitance\Multilab Direct	September 20, 2017
Copper (Cu)	0.0022 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Copper (Cu)	0.0022 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Cyanide W.A.D.	0.001 mg/L	Sous-traitance\Multilab Direct	September 22, 2017
Total Cyanide (CNT)	0.002 mg/L	Sous-traitance\Multilab Direct	September 22, 2017
Hardness	66 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	September 29, 2017
Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
dissolved Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017

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Analytical Report

Lab number: V-68064

Sample name: KIA-NP2-East

Sampling location: NP2

Sampling date: September 13, 2017

Sampling hour: 11:00

Parameter	Result	Method name	Analysis date
Iron (Fe)	0.03 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Iron (Fe)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Fluoride (F)	0.14 mg/L	Sous-traitance\Multilab Direct	October 28, 2017
Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	October 03, 2017
Dissolved Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	October 03, 2017
Total Suspended Solids	2 mg/L	M-SOLI-1.0	September 18, 2017
Magnesium (Mg)	6.14 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Magnesium (Mg)	5.80 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Manganese (Mn)	0.0065 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Manganese (Mn)	0.0008 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Dissolved Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Molybdenum (Mo)	0.0006 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Molybdenum (Mo)	0.0007 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Ammonia NH3 (non-ionized)	<0.01 mg N/L	Sous-traitance\H2Lab inc. (SAM)	September 29, 2017
Nickel (Ni)	0.0062 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Nickel (Ni)	0.0057 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Nitrate (NO3)	0.02 mg N/L	Sous-traitance\Multilab Direct	September 20, 2017
Nitrite (NO2)	<0.01 mg N/L	Sous-traitance\Multilab Direct	September 20, 2017
Ortho-Phosphate (O-PO4)	<0.01 mg P/L	Sous-traitance\Multilab Direct	September 21, 2017
Dissolved oxygen	10.2 mg/L	Sous-traitance\Multilab Direct	September 19, 2017
pH	8.01	M-TIT-1.0	September 15, 2017
Total Phosphorus (P)	<0.04 mg P/L	Sous-traitance\H2Lab inc. (SAM)	September 18, 2017
Total Phosphorus (P) (Trace)	4.5 µg P/L	Sous-traitance\H2Lab inc. (SAM)	September 21, 2017
Lead (Pb)	0.0025 mg/L	Sous-traitance\Multilab Direct	October 06, 2017
Dissolved Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	October 05, 2017
Potassium (K)	2.07 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Selenium (Se)	0.001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Reactive silica (SiO2)	0.34 mg/L	Sous-traitance\Maxxam	September 25, 2017
Sodium (Na)	7.54 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Solids	153 mg/L	M-TIT-1.0	September 15, 2017
Strontium (Sr)	0.065 mg/L	Sous-traitance\Multilab Direct	October 03, 2017
dissolved Strontium (Sr)	0.063 mg/L	Sous-traitance\Multilab Direct	October 03, 2017
Sulfate (SO4)	49.9 mg SO4/L	Sous-traitance\Multilab Direct	September 20, 2017
Tellurium (Te)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	October 03, 2017
Dissolved thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	October 03, 2017
Thiocyanate (SCN)	0.23 mg SCN/L	Sous-traitance\Multilab Direct	September 21, 2017
Thiosulfates (S2O3)	<0.02 mg S2O3/L	Sous-traitance\Multilab Direct	September 22, 2017

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Analytical Report

Lab number: V-68064

Sample name: KIA-NP2-East

Sampling location: NP2

Sampling date: September 13, 2017

Sampling hour: 11:00

Parameter	Result	Method name	Analysis date
Titanium (Ti)	0.02 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved titanium (Ti)	0.02 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Turbidity	1.03 NTU	Sous-traitance\Multilab Direct	September 19, 2017
Uranium (U)	0.001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Uranium (U)	0.001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Vanadium (V)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Vanadium	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Zinc (Zn)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Zinc	<0.001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017

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Detection limit

Lab number: V-68064

Sample name: KIA-NP2-East

Sampling location: NP2

Sampling date: September 13, 2017

Sampling hour: 11:00

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO ₃ /L	M-TIT-1.0	
Aluminium (Al)	0.003	mg/L	Sous-traitance	
Dissolved Aluminium (Al)	0.003	mg/L	Sous-traitance	
Antimony (Sb)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Antimony (Sb)	0.0001	mg/L	Sous-traitance	
Silver (Ag)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Silver (Ag)	0.0001	mg/L	Sous-traitance	
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Arsenic (As)	0.0005	mg/L	Sous-traitance	
Kjeldahl nitrogen	0.05	mg N/L	Sous-traitance	
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Barium (Ba)	0.0005	mg/L	Sous-traitance	
Beryllium (Be)	0.0005	mg/L	Sous-traitance	
Dissolved Beryllium (Be)	0.0005	mg/L	Sous-traitance	
bicarbonate (HCO ₃)	2	mg CaCO ₃ /L	M-TIT-1.0	
Boron (B)	0.01	mg/L	Sous-traitance	Yes
Dissolved Boron (B)	0.006	mg/L	Sous-traitance	
Bromides	0.01	mg/L	Sous-traitance	
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Dissolved Cadmium (Cd)	0.00002	mg/L	Sous-traitance	
Calcium (Ca)	0.03	mg/L	Sous-traitance	Yes
Carbonate (CO ₃)	2	mg CaCO ₃ /L	M-TIT-1.0	
Dissolved Organic Carbon (D.O.C.)	0.2	mg/L	M-COT-1.0	--
Total Organic Carbon (T.O.C.)	0.2	mg/L	M-COT-1.0	Yes
Chlorophyll A	0.04	µg/L	Sous-traitance	
Chloride	0.5	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Dissolved Chromium (Cr)	0.0006	mg/L	Sous-traitance	
Cobalt (Co)	0.0005	mg/L	Sous-traitance	
Dissolved Cobalt (Co)	0.0005	mg/L	Sous-traitance	
Conductivity	1	µmhos/cm	M-TIT-1.0	Yes
Colour	1	UCV	Sous-traitance	Yes
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Copper (Cu)	0.0005	mg/L	Sous-traitance	
Cyanide W.A.D.	0.001	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO ₃ /L	Sous-traitance	
Tin (Sn)	0.001	mg/L	Sous-traitance	Yes
dissolved Tin (Sn)	0.001	mg/L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes

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Detection limit

Lab number: V-68064

Sample name: KIA-NP2-East

Sampling location: NP2

Sampling date: September 13, 2017

Sampling hour: 11:00

Parameter	Value	Unit	Method	Accreditation
Dissolved Iron (Fe)	0.01	mg/L	Sous-traitance	
Fluoride (F)	0.01	mg/L	Sous-traitance	Yes
Lithium (Li)	0.005	mg/L	Sous-traitance	
Dissolved Lithium (Li)	0.005	mg/L	Sous-traitance	
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Magnesium (Mg)	0.02	mg/L	Sous-traitance	Yes
Dissolved Magnesium (Mg)	0.02	mg/L	Sous-traitance	
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Manganese (Mn)	0.0003	mg/L	Sous-traitance	
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Dissolved Mercury (Hg)	0.00001	mg/L	Sous-traitance	
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Nickel (Ni)	0.0005	mg/L	Sous-traitance	
Nitrate (NO3)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO2)	0.01	mg N/L	Sous-traitance	Yes
Ortho-Phosphate (O-PO4)	0.01	mg P/L	Sous-traitance	Yes
Dissolved oxygen	0.1	mg/L	Sous-traitance	
pH			M-TIT-1.0	Yes
Total Phosphorus (P)	0.04	mg P/L	Sous-traitance	
Total Phosphorus (P) (Trace)	1.9	µg P/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Dissolved Lead (Pb)	0.0003	mg/L	Sous-traitance	
Potassium (K)	0.05	mg/L	Sous-traitance	
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Dissolved Selenium (Se)	0.001	mg/L	Sous-traitance	
Reactive silica (SiO2)		mg/L	Sous-traitance	
Sodium (Na)	0.05	mg/L	Sous-traitance	Yes
Dissolved Solids	1	mg/L	M-TIT-1.0	
Strontium (Sr)	0.005	mg/L	Sous-traitance	
dissolved Strontium (Sr)	0.005	mg/L	Sous-traitance	
Sulfate (SO4)	0.6	mg SO4/L	Sous-traitance	Yes
Tellurium (Te)	0.0005	mg/L	Sous-traitance	
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Dissolved thallium (Tl)	0.0008	mg/L	Sous-traitance	
Thiocyanate (SCN)	0.05	mg SCN/L	Sous-traitance	Yes
Thiosulfates (S2O3)	0.02	mg S2O3/L	Sous-traitance	Yes
Titanium (Ti)	0.01	mg/L	Sous-traitance	
Dissolved titanium (Ti)	0.01	mg/L	Sous-traitance	

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Detection limit

Lab number: V-68064

Sample name: KIA-NP2-East

Sampling date: September 13, 2017

Sampling location: NP2

Sampling hour: 11:00

Parameter	Value	Unit	Method	Accreditation
Turbidity	0.02	UTN	Sous-traitance	Yes
Uranium (U)	0.001	mg/L	Sous-traitance	
Dissolved Uranium (U)	0.001	mg/L	Sous-traitance	
Vanadium (V)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Vanadium	0.0005	mg/L	Sous-traitance	
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes
Dissolved Zinc	0.001	mg/L	Sous-traitance	

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Quality control Report

Lab number: V-68064

Sample name: KIA-NP2-East

Sampling location: NP2

Sampling date: September 13, 2017

Sampling hour: 11:00

Parameter	
Alkalinity mg CaCO3/L	Standard name STD alcalinité Result 147 Accuracy 98.6% Limit 123 - 167 Sample duplicate 53-53
Aluminium (Al) mg/L	Blank <0.006 Standard name DMR-0476-2017-22-Eu Result 5.33 Accuracy 85% Limit 5.02 - 7.52
Dissolved Aluminium (Al) mg/L	Blank <0.006 Standard name DMR-0476-2017-22-Eu Result 5.66 Accuracy 90.3% Limit 5.02 - 7.52
Antimony (Sb) mg/L	Blank <0.0001 Standard name DMR-0476-2017-22-Eu Result 0.2168 Accuracy 97.7% Limit 0.178 - 0.266
Dissolved Antimony (Sb) mg/L	Blank <0.0001 Standard name C00-046-705_X_1000 Result 0.0117 Accuracy 83% Limit 0.0080 - 0.0120
Silver (Ag) mg/L	Blank <0.0001
Dissolved Silver (Ag) mg/L	Blank <0.0001
Arsenic (As) mg/L	Blank <0.0005 Standard name DMR-0476-2017-22-Eu Result 0.2691 Accuracy 94.8% Limit 0.199 - 0.369
Dissolved Arsenic (As) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0879 Accuracy 87.9% Limit 0.0800 - 0.1200
Barium (Ba) mg/L	Blank <0.0005 Standard name DMR-0476-2017-22-Eu Result 2.784

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Quality control Report

Lab number: V-68064

Sample name: KIA-NP2-East

Sampling location: NP2

Sampling date: September 13, 2017

Sampling hour: 11:00

Parameter	
Dissolved Barium (Ba) mg/L	Accuracy 85.4%
	Limit 1.94 - 2.92
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1092
Beryllium (Be) mg/L	Accuracy 90.8%
	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu
	Result 1.497
Dissolved Beryllium (Be) mg/L	Accuracy 88.1%
	Limit 1.36 - 2.04
	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu
	Result 1.540
bicarbonate (HCO ₃) mg CaCO ₃ /L Boron (B) mg/L	Accuracy 90.6%
	Limit 1.36 - 2.04
	Sample duplicate 53-53
	Blank <0.01
	Standard name DMR-0476-2017-22-Eu
Dissolved Boron (B) mg/L	Result 2.80
	Accuracy 97.2%
	Limit 2.30 - 3.46
	Blank <0.01
	Standard name C00-046-705_X_1000
Bromides mg/L	Result 0.84
	Accuracy 84%
	Limit 0.800 - 1.200
	Blank <0.01
	Standard name DMR-0119-2017-Br
Cadmium (Cd) mg/L	Result 4.97
	Accuracy 88.3%
	Limit 4.50 - 6.76
	Blank <0.00002
	Standard name DMR-0476-2017-22-Eu
Dissolved Cadmium (Cd) mg/L	Result 0.97801
	Accuracy 91.5%
	Limit 0.721 - 1.081
	Blank <0.00002
	Standard name C00-046-705_X_1000

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Quality control Report

Lab number: V-68064

Sample name: KIA-NP2-East

Sampling location: NP2

Sampling date: September 13, 2017

Sampling hour: 11:00

Parameter	
Calcium (Ca) mg/L	Result 0.10208
	Accuracy 97.9%
	Limit 0.0800 - 0.1200
	Standard name C00-046-705_X_1000
	Result 0.87
Carbonate (CO ₃) mg CaCO ₃ /L	Accuracy 87%
	Limit 0.800 - 1.200
	Sample duplicate <2-<2
Dissolved Organic Carbon (D.O.C.) mg/L	Blank <0.2
	Standard name COD 10mg/L
Total Organic Carbon (T.O.C.) mg/L	Result 10
	Accuracy 100%
	Limit 8 - 12
	Sample duplicate 5.9-5.5
	Blank <0.2
Chloride mg/L	Standard name COT 10mg/L
	Result 10
	Accuracy 100%
	Limit 8 - 12
	Sample duplicate 5.9-6.0
Chrome (Cr) mg/L	Blank <0.5
	Standard name DMR-0476-2017-13-CL
	Result 112
	Accuracy 96.3%
	Limit 95 - 121
Dissolved Chromium (Cr) mg/L	Blank <0.0006
	Standard name DMR-0476-2017-22-Eu
	Result 3.991
	Accuracy 98.5%
	Limit 3.24 - 4.86
Cobalt (Co) mg/L	Blank <0.0006
	Standard name C00-046-705_X_1000
	Result 0.0925
	Accuracy 92.5%
	Limit 0.0800 - 0.1200
Cobalt (Co) mg/L	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu
	Result 1.588
	Accuracy 98.2%
	Limit 1.25 - 1.87

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Quality control Report

Lab number: V-68064

Sample name: KIA-NP2-East

Sampling location: NP2

Sampling date: September 13, 2017

Sampling hour: 11:00

Parameter	
Dissolved Cobalt (Co) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0953 Accuracy 95.3% Limit 0.0800 - 0.1200
Conductivity µmhos/cm	Standard name STD cond maison Result 1407 Accuracy 99.4% Limit 1203 - 1627 Sample duplicate 230-229
Colour UCV	Blank <1 Standard name DMR-0417-2017-Coul Result 100 Accuracy 85.1% Limit 67 - 107
Copper (Cu) mg/L	Blank <0.0005 Standard name DMR-0476-2017-22-Eu Result 1.344 Accuracy 95% Limit 1.02 - 1.54
Dissolved Copper (Cu) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0928 Accuracy 92.8% Limit 0.0800 - 0.1200
Cyanide W.A.D. mg/L	Blank <0.001 Standard name DMR-0343-CN Result 0.835 Accuracy 94.6% Limit 0.751 - 1.015
Total Cyanide (CNT) mg/L	Blank <0.001 Standard name DMR-0343-CN Result 1.17 Accuracy 99.2% Limit 1.003 - 1.357
Tin (Sn) mg/L	Blank <0.001
dissolved Tin (Sn) mg/L	Blank <0.001 Standard name C00-046-705_X_1000 Result 0.104 Accuracy 96%

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Quality control Report

Lab number: V-68064

Sample name: KIA-NP2-East

Sampling location: NP2

Sampling date: September 13, 2017

Sampling hour: 11:00

Parameter		
Iron (Fe) mg/L	Limit 0.0700 - 0.1300	
	Blank <0.01	
	Standard name DMR-0476-2017-22-Eu	
	Result 11.8	
	Accuracy 96.5%	
Dissolved Iron (Fe) mg/L	Limit 9.1 - 13.7	
	Blank <0.01	
	Standard name C00-046-705_X_1000	
	Result 0.95	
	Accuracy 95%	
Fluoride (F) mg/L	Limit 0.800 - 1.200	
	Blank <0.02	
	Standard name Controle maison 2 ppm F	
	Result 1.93	
	Accuracy 96.5%	
Lithium (Li) mg/L	Limit 1.85 - 2.15	
	Blank <0.005	
	Total Suspended Solids mg/L	Blank <1
		Standard name STD-MES 25mg/L
		Result 26
Accuracy 96%		
Magnesium (Mg) mg/L	Limit 19 - 31	
	Blank <0.02	
	Standard name DMR-0476-2017-22-Eu	
	Result 7.00	
	Accuracy 88.5%	
Dissolved Magnesium (Mg) mg/L	Limit 6.33 - 9.49	
	Blank <0.02	
	Standard name C00-046-705_X_1000	
	Result 0.83	
	Accuracy 83%	
Manganese (Mn) mg/L	Limit 0.800 - 1.200	
	Blank <0.0005	
	Standard name DMR-0476-2017-22-Eu	
	Result 4.264	
	Accuracy 90.7%	
Dissolved Manganese (Mn) mg/L	Limit 3.12 - 4.68	
	Blank <0.0005	
	Standard name C00-046-705_X_1000	
	Result 0.1052	

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Quality control Report

Lab number: V-68064

Sample name: KIA-NP2-East

Sampling location: NP2

Sampling date: September 13, 2017

Sampling hour: 11:00

Parameter		
Mercury (Hg) mg/L	Accuracy 94.8%	
	Limit 0.0800 - 0.1200	
	Blank <0.00001	
	Standard name DMR-0426-2016-HgEu-1	
	Result 0.00334	
Dissolved Mercury (Hg) mg/L	Accuracy 77.7%	
	Limit 0.0026 - 0.0060	
	Blank <0.00001	
	Standard name DMR-0426-2016-HgEu-1	
	Result 0.00299	
Molybdenum (Mo) mg/L	Accuracy 69.5%	
	Limit 0.0026 - 0.0060	
	Blank <0.0005	
	Standard name DMR-0476-2017-22-Eu	
	Result 0.7125	
Dissolved Molybdenum (Mo) mg/L	Accuracy 99.4%	
	Limit 0.566 - 0.850	
	Blank <0.0005	
	Standard name C00-046-705_X_1000	
	Result 0.1016	
Nickel (Ni) mg/L	Accuracy 98.4%	
	Limit 0.0800 - 0.1200	
	Blank <0.0005	
	Standard name DMR-0476-2017-22-Eu	
	Result 1.095	
Dissolved Nickel (Ni) mg/L	Accuracy 96.1%	
	Limit 0.91 - 1.37	
	Blank <0.0005	
	Standard name C00-046-705_X_1000	
	Result 0.0915	
Nitrate (NO3) mg N/L	Accuracy 91.5%	
	Limit 0.0800 - 0.1200	
	Blank <0.01	
	Nitrite (NO2) mg N/L	Blank <0.01
		Standard name DMR-0417-2017-NO2
	Result 2.65	
Ortho-Phosphate (O-PO4) mg P/	Accuracy 97.8%	
	Limit 2.30 - 3.12	
	Blank <0.01	
	Standard name DMR-0417-2017-OPO4	

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Quality control Report

Lab number: V-68064

Sample name: KIA-NP2-East

Sampling location: NP2

Sampling date: September 13, 2017

Sampling hour: 11:00

Parameter	
pH	Result 3.28
	Accuracy 97.2%
	Limit 2.81 - 3.57
	Sample duplicate <0.01-<0.01
	Standard name STD pH 7.0
Lead (Pb) mg/L	Result 7.03
	Accuracy 99.6%
	Limit 6.96 - 7.04
	Sample duplicate 8.01-8.01
	Blank <0.0003
Dissolved Lead (Pb) mg/L	Standard name DMR-0476-2017-22-Eu
	Result 0.8841
	Accuracy 97.9%
	Limit 0.722 - 1.084
	Blank <0.0003
Potassium (K) mg/L	Standard name C00-046-705_X_1000
	Result 0.0986
	Accuracy 98.6%
	Limit 0.0800 - 0.1200
	Standard name C00-046-705_X_1000
Selenium (Se) mg/L	Result 0.93
	Accuracy 93%
	Limit 0.800 - 1.200
	Blank <0.001
	Standard name DMR-0476-2017-22-Eu
Dissolved Selenium (Se) mg/L	Result 1.48
	Accuracy 90.4%
	Limit 1.08 - 1.62
	Blank <0.001
	Standard name C00-046-705_X_1000
Dissolved Solids mg/L	Result 0.101
	Accuracy 99%
	Limit 0.0800 - 0.1200
	Sample duplicate 153-152
	Standard name DMR-0417-2017-SO4
Strontium (Sr) mg/L	Result 125
	Accuracy 98.4%
	Limit 114 - 132
	Blank <0.005
	Standard name DMR-0417-2017-SO4
Sulfate (SO4) mg SO4/L	Result 125
	Accuracy 98.4%
	Limit 114 - 132
	Blank <0.6
	Standard name DMR-0417-2017-SO4

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Quality control Report

Lab number: V-68064

Sample name: KIA-NP2-East

Sampling location: NP2

Sampling date: September 13, 2017

Sampling hour: 11:00

Parameter	
Tellurium (Te) mg/L	Standard name C00-046-705_X_1000 Result 0.0877 Accuracy 87.7% Limit 0.0800 - 0.1200
Thallium (Tl) mg/L	Blank <0.0008
	Standard name TI-S140909023-1000ppm Result 838 Accuracy 83.8% Limit 800 - 1200
Thiocyanate (SCN) mg SCN/L	Blank <0.05
	Standard name STD SCN 568ppm Result 594 Accuracy 95.4% Limit 398 - 738
Thiosulfates (S2O3) mg S2O3/L	Blank <0.02
	Standard name S2O3-225ppm Result 270 Accuracy 80% Limit 158 - 293
	Sample duplicate <0.02-<0.02
Titanium (Ti) mg/L	Blank <0.01
Dissolved titanium (Ti) mg/L	Blank <0.01
Turbidity UTN	Standard name DMR-0417-2017-Turb Result 5.38 Accuracy 96.3% Limit 4.41 - 5.97
Uranium (U) mg/L	Blank <0.001
	Standard name DMR-0476-2017-22-Eu Result 2.01 Accuracy 85.8% Limit 1.41 - 2.11
Dissolved Uranium (U) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000 Result 0.112 Accuracy 88% Limit 0.0800 - 0.1200
Vanadium (V) mg/L	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu Result 1.933 Accuracy 97.1%

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Additional information

Lab number: V-68064
Sample name: KIA-NP2-East
Sampling location: NP2

Sampling date: September 13, 2017
Sampling hour: 11:00

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-CL-2.0	MA.300-Ions 1.3
M-COUL-1.0	MA.103-Col. 2.0
M-CN-1.0	MA.300-CN 1.2
M-CI-1.0	MA.300-Anions 1.0
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-P-2.0	MA.303-P 1.1
M-SULF-2.0	MA.300-Ions 1.3
M-TURB-1.0	MA.103-Tur. 1.0

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-68064

Sampling location: NP2

Sampling date: September 13, 2017

Sample name: KIA-NP2-East

Sampling hour: 11:00

Sampled by: MT

Date received: September 15, 2017

Matrix: Water

Drinking water distribution:

Reported on: October 11, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

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Analytical Report

Lab number: V-68064

Sample name: KIA-NP2-East

Sampling location: NP2

Sampling date: September 13, 2017

Sampling hour: 11:00

Parameter	Result	Method name	Analysis date
Alkalinity	53 mg CaCO ₃ /L	M-TIT-1.0	September 15, 2017
Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Antimony (Sb)	0.0001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Antimony (Sb)	<0.0001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	<0.05 mg N/L	Sous-traitance\H2Lab inc. (SAM)	September 19, 2017
Kjeldahl nitrogen	<0.70 mg N/L	Sous-traitance\H2Lab inc. (SAM)	September 27, 2017
Barium (Ba)	0.0051 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Barium (Ba)	0.0066 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
bicarbonate (HCO ₃)	53 mg CaCO ₃ /L	M-TIT-1.0	September 15, 2017
Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Bromides	0.05 mg/L	Sous-traitance\Multilab Direct	October 03, 2017
Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Calcium (Ca)	17.0 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Carbonate (CO ₃)	<2 mg CaCO ₃ /L	M-TIT-1.0	September 15, 2017
Dissolved Organic Carbon (D.O.C.)	5.9 mg/L	M-COT-1.0	September 15, 2017
Total Organic Carbon (T.O.C.)	5.9 mg/L	M-COT-1.0	September 15, 2017
Chlorophyll A	1.1 µg/L	Sous-traitance\H2Lab inc. (SAM)	October 03, 2017
Chloride	4.2 mg/L	Sous-traitance\Multilab Direct	September 22, 2017
Chrome (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Chromium (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Cobalt (Co)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Cobalt (Co)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Conductivity	230 µmhos/cm	M-TIT-1.0	September 15, 2017
Colour	6 Colour units	Sous-traitance\Multilab Direct	September 20, 2017
Copper (Cu)	0.0022 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Copper (Cu)	0.0022 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Cyanide W.A.D.	0.001 mg/L	Sous-traitance\Multilab Direct	September 22, 2017
Total Cyanide (CNT)	0.002 mg/L	Sous-traitance\Multilab Direct	September 22, 2017
Hardness	66 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	September 29, 2017
Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
dissolved Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017

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Analytical Report

Lab number: V-68064

Sample name: KIA-NP2-East

Sampling location: NP2

Sampling date: September 13, 2017

Sampling hour: 11:00

Parameter	Result	Method name	Analysis date
Iron (Fe)	0.03 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Iron (Fe)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Fluoride (F)	0.14 mg/L	Sous-traitance\Multilab Direct	October 28, 2017
Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	October 03, 2017
Dissolved Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	October 03, 2017
Total Suspended Solids	2 mg/L	M-SOLI-1.0	September 18, 2017
Magnesium (Mg)	6.14 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Magnesium (Mg)	5.80 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Manganese (Mn)	0.0065 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Manganese (Mn)	0.0008 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Dissolved Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Molybdenum (Mo)	0.0006 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Molybdenum (Mo)	0.0007 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Ammonia NH3 (non-ionized)	<0.01 mg N/L	Sous-traitance\H2Lab inc. (SAM)	September 29, 2017
Nickel (Ni)	0.0062 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Nickel (Ni)	0.0057 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Nitrate (NO3)	0.02 mg N/L	Sous-traitance\Multilab Direct	September 20, 2017
Nitrite (NO2)	<0.01 mg N/L	Sous-traitance\Multilab Direct	September 20, 2017
Ortho-Phosphate (O-PO4)	<0.01 mg P/L	Sous-traitance\Multilab Direct	September 21, 2017
Dissolved oxygen	10.2 mg/L	Sous-traitance\Multilab Direct	September 19, 2017
pH	8.01	M-TIT-1.0	September 15, 2017
Total Phosphorus (P)	<0.04 mg P/L	Sous-traitance\H2Lab inc. (SAM)	September 18, 2017
Total Phosphorus (P) (Trace)	4.5 µg P/L	Sous-traitance\H2Lab inc. (SAM)	September 21, 2017
Lead (Pb)	0.0025 mg/L	Sous-traitance\Multilab Direct	October 06, 2017
Dissolved Lead (Pb)	0.1397 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Potassium (K)	2.07 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Selenium (Se)	0.001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Reactive silica (SiO2)	0.34 mg/L	Sous-traitance\Maxxam	September 25, 2017
Sodium (Na)	7.54 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Solids	153 mg/L	M-TIT-1.0	September 15, 2017
Strontium (Sr)	0.065 mg/L	Sous-traitance\Multilab Direct	October 03, 2017
dissolved Strontium (Sr)	0.063 mg/L	Sous-traitance\Multilab Direct	October 03, 2017
Sulfate (SO4)	49.9 mg SO4/L	Sous-traitance\Multilab Direct	September 20, 2017
Tellurium (Te)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	October 03, 2017
Dissolved thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	October 03, 2017
Thiocyanate (SCN)	0.23 mg SCN/L	Sous-traitance\Multilab Direct	September 21, 2017
Thiosulfates (S2O3)	<0.02 mg S2O3/L	Sous-traitance\Multilab Direct	September 22, 2017

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Analytical Report

Lab number: V-68064

Sample name: KIA-NP2-East

Sampling location: NP2

Sampling date: September 13, 2017

Sampling hour: 11:00

Parameter	Result	Method name	Analysis date
Titanium (Ti)	0.02 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved titanium (Ti)	0.02 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Turbidity	1.03 NTU	Sous-traitance\Multilab Direct	September 19, 2017
Uranium (U)	0.001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Uranium (U)	0.001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Vanadium (V)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Vanadium	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Zinc (Zn)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Zinc	<0.001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017

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Detection limit

Lab number: V-68064

Sample name: KIA-NP2-East

Sampling location: NP2

Sampling date: September 13, 2017

Sampling hour: 11:00

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO3/L	M-TIT-1.0	
Aluminium (Al)	0.003	mg/L	Sous-traitance	
Dissolved Aluminium (Al)	0.003	mg/L	Sous-traitance	
Antimony (Sb)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Antimony (Sb)	0.0001	mg/L	Sous-traitance	
Silver (Ag)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Silver (Ag)	0.0001	mg/L	Sous-traitance	
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Arsenic (As)	0.0005	mg/L	Sous-traitance	
Kjeldahl nitrogen	0.05	mg N/L	Sous-traitance	
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Barium (Ba)	0.0005	mg/L	Sous-traitance	
Beryllium (Be)	0.0005	mg/L	Sous-traitance	
Dissolved Beryllium (Be)	0.0005	mg/L	Sous-traitance	
bicarbonate (HCO3)	2	mg CaCO3/L	M-TIT-1.0	
Boron (B)	0.01	mg/L	Sous-traitance	Yes
Dissolved Boron (B)	0.006	mg/L	Sous-traitance	
Bromides	0.01	mg/L	Sous-traitance	
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Dissolved Cadmium (Cd)	0.00002	mg/L	Sous-traitance	
Calcium (Ca)	0.03	mg/L	Sous-traitance	Yes
Carbonate (CO3)	2	mg CaCO3/L	M-TIT-1.0	
Dissolved Organic Carbon (D.O.C.)	0.2	mg/L	M-COT-1.0	--
Total Organic Carbon (T.O.C.)	0.2	mg/L	M-COT-1.0	Yes
Chlorophyll A	0.04	µg/L	Sous-traitance	
Chloride	0.5	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Dissolved Chromium (Cr)	0.0006	mg/L	Sous-traitance	
Cobalt (Co)	0.0005	mg/L	Sous-traitance	
Dissolved Cobalt (Co)	0.0005	mg/L	Sous-traitance	
Conductivity	1	µmhos/cm	M-TIT-1.0	Yes
Colour	1	UCV	Sous-traitance	Yes
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Copper (Cu)	0.0005	mg/L	Sous-traitance	
Cyanide W.A.D.	0.001	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO3/L	Sous-traitance	
Tin (Sn)	0.001	mg/L	Sous-traitance	Yes
dissolved Tin (Sn)	0.001	mg/L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes

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Detection limit

Lab number: V-68064

Sample name: KIA-NP2-East

Sampling location: NP2

Sampling date: September 13, 2017

Sampling hour: 11:00

Parameter	Value	Unit	Method	Accreditation
Dissolved Iron (Fe)	0.01	mg/L	Sous-traitance	
Fluoride (F)	0.01	mg/L	Sous-traitance	Yes
Lithium (Li)	0.005	mg/L	Sous-traitance	
Dissolved Lithium (Li)	0.005	mg/L	Sous-traitance	
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Magnesium (Mg)	0.02	mg/L	Sous-traitance	Yes
Dissolved Magnesium (Mg)	0.02	mg/L	Sous-traitance	
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Manganese (Mn)	0.0003	mg/L	Sous-traitance	
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Dissolved Mercury (Hg)	0.00001	mg/L	Sous-traitance	
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Nickel (Ni)	0.0005	mg/L	Sous-traitance	
Nitrate (NO3)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO2)	0.01	mg N/L	Sous-traitance	Yes
Ortho-Phosphate (O-PO4)	0.01	mg P/L	Sous-traitance	Yes
Dissolved oxygen	0.1	mg/L	Sous-traitance	
pH			M-TIT-1.0	Yes
Total Phosphorus (P)	0.04	mg P/L	Sous-traitance	
Total Phosphorus (P) (Trace)	1.9	µg P/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Dissolved Lead (Pb)	0.0003	mg/L	Sous-traitance	
Potassium (K)	0.05	mg/L	Sous-traitance	
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Dissolved Selenium (Se)	0.001	mg/L	Sous-traitance	
Reactive silica (SiO2)		mg/L	Sous-traitance	
Sodium (Na)	0.05	mg/L	Sous-traitance	Yes
Dissolved Solids	1	mg/L	M-TIT-1.0	
Strontium (Sr)	0.005	mg/L	Sous-traitance	
dissolved Strontium (Sr)	0.005	mg/L	Sous-traitance	
Sulfate (SO4)	0.6	mg SO4/L	Sous-traitance	Yes
Tellurium (Te)	0.0005	mg/L	Sous-traitance	
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Dissolved thallium (Tl)	0.0008	mg/L	Sous-traitance	
Thiocyanate (SCN)	0.05	mg SCN/L	Sous-traitance	Yes
Thiosulfates (S2O3)	0.02	mg S2O3/L	Sous-traitance	Yes
Titanium (Ti)	0.01	mg/L	Sous-traitance	
Dissolved titanium (Ti)	0.01	mg/L	Sous-traitance	

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Detection limit

Lab number: V-68064

Sample name: KIA-NP2-East

Sampling date: September 13, 2017

Sampling location: NP2

Sampling hour: 11:00

Parameter	Value	Unit	Method	Accreditation
Turbidity	0.02	UTN	Sous-traitance	Yes
Uranium (U)	0.001	mg/L	Sous-traitance	
Dissolved Uranium (U)	0.001	mg/L	Sous-traitance	
Vanadium (V)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Vanadium	0.0005	mg/L	Sous-traitance	
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes
Dissolved Zinc	0.001	mg/L	Sous-traitance	

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Quality control Report

Lab number: V-68064

Sample name: KIA-NP2-East

Sampling location: NP2

Sampling date: September 13, 2017

Sampling hour: 11:00

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 147 Accuracy 98.6% Limit 123 - 167 Sample duplicate 53-53
Aluminium (Al) mg/L	Blank <0.006 Standard name DMR-0476-2017-22-Eu Result 5.33 Accuracy 85% Limit 5.02 - 7.52
Dissolved Aluminium (Al) mg/L	Blank <0.006 Standard name DMR-0476-2017-22-Eu Result 5.66 Accuracy 90.3% Limit 5.02 - 7.52
Antimony (Sb) mg/L	Blank <0.0001 Standard name DMR-0476-2017-22-Eu Result 0.2168 Accuracy 97.7% Limit 0.178 - 0.266
Dissolved Antimony (Sb) mg/L	Blank <0.0001 Standard name C00-046-705_X_1000 Result 0.0117 Accuracy 83% Limit 0.0080 - 0.0120
Silver (Ag) mg/L	Blank <0.0001
Dissolved Silver (Ag) mg/L	Blank <0.0001
Arsenic (As) mg/L	Blank <0.0005 Standard name DMR-0476-2017-22-Eu Result 0.2691 Accuracy 94.8% Limit 0.199 - 0.369
Dissolved Arsenic (As) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0879 Accuracy 87.9% Limit 0.0800 - 0.1200
Barium (Ba) mg/L	Blank <0.0005 Standard name DMR-0476-2017-22-Eu Result 2.784

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Quality control Report

Lab number: V-68064

Sample name: KIA-NP2-East

Sampling location: NP2

Sampling date: September 13, 2017

Sampling hour: 11:00

Parameter	
Dissolved Barium (Ba) mg/L	Accuracy 85.4%
	Limit 1.94 - 2.92
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1092
Beryllium (Be) mg/L	Accuracy 90.8%
	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu
	Result 1.497
Dissolved Beryllium (Be) mg/L	Accuracy 88.1%
	Limit 1.36 - 2.04
	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu
	Result 1.540
bicarbonate (HCO ₃) mg CaCO ₃ / Boron (B) mg/L	Accuracy 90.6%
	Limit 1.36 - 2.04
	Blank <0.01
	Standard name DMR-0476-2017-22-Eu
	Result 2.80
Dissolved Boron (B) mg/L	Accuracy 97.2%
	Limit 2.30 - 3.46
	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 0.84
Bromides mg/L	Accuracy 84%
	Limit 0.800 - 1.200
	Blank <0.01
	Standard name DMR-0119-2017-Br
	Result 4.97
Cadmium (Cd) mg/L	Accuracy 88.3%
	Limit 4.50 - 6.76
	Blank <0.00002
	Standard name DMR-0476-2017-22-Eu
	Result 0.97801
Dissolved Cadmium (Cd) mg/L	Accuracy 91.5%
	Limit 0.721 - 1.081
	Blank <0.00002
	Standard name C00-046-705_X_1000
	Result 0.97801

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Quality control Report

Lab number: V-68064

Sample name: KIA-NP2-East

Sampling location: NP2

Sampling date: September 13, 2017

Sampling hour: 11:00

Parameter	
Calcium (Ca) mg/L	Result 0.10208
	Accuracy 97.9%
	Limit 0.0800 - 0.1200
	Standard name C00-046-705_X_1000
	Result 0.87
Carbonate (CO ₃) mg CaCO ₃	Accuracy 87%
	Limit 0.800 - 1.200
	Sample duplicate <2-<2
Dissolved Organic Carbon (D.O.C.)	Blank <0.2
	Standard name COD 10mg/L
Total Organic Carbon (T.O.C.) m	Result 10
	Accuracy 100%
	Limit 8 - 12
	Sample duplicate 5.9-5.5
	Blank <0.2
Chloride mg/L	Standard name COT 10mg/L
	Result 10
	Accuracy 100%
	Limit 8 - 12
Chrome (Cr) mg/L	Sample duplicate 5.9-6.0
	Blank <0.5
	Standard name DMR-0476-2017-13-CL
	Result 112
	Accuracy 96.3%
Dissolved Chromium (Cr) mg/L	Limit 95 - 121
	Blank <0.0006
	Standard name DMR-0476-2017-22-Eu
	Result 3.991
Cobalt (Co) mg/L	Accuracy 98.5%
	Limit 3.24 - 4.86
	Blank <0.0006
	Standard name C00-046-705_X_1000
	Result 0.0925
Cobalt (Co) mg/L	Accuracy 92.5%
	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu
Cobalt (Co) mg/L	Result 1.588
	Accuracy 98.2%
	Limit 1.25 - 1.87

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Quality control Report

Lab number: V-68064

Sample name: KIA-NP2-East

Sampling location: NP2

Sampling date: September 13, 2017

Sampling hour: 11:00

Parameter	
Dissolved Cobalt (Co) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0953 Accuracy 95.3% Limit 0.0800 - 0.1200
Conductivity µmhos/cm	Standard name STD cond maison Result 1407 Accuracy 99.4% Limit 1203 - 1627 Sample duplicate 230-229
Colour UCV	Blank <1 Standard name DMR-0417-2017-Coul Result 100 Accuracy 85.1% Limit 67 - 107
Copper (Cu) mg/L	Blank <0.0005 Standard name DMR-0476-2017-22-Eu Result 1.344 Accuracy 95% Limit 1.02 - 1.54
Dissolved Copper (Cu) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0928 Accuracy 92.8% Limit 0.0800 - 0.1200
Cyanide W.A.D. mg/L	Blank <0.001 Standard name DMR-0343-CN Result 0.835 Accuracy 94.6% Limit 0.751 - 1.015
Total Cyanide (CNT) mg/L	Blank <0.001 Standard name DMR-0343-CN Result 1.17 Accuracy 99.2% Limit 1.003 - 1.357
Tin (Sn) mg/L	Blank <0.001
dissolved Tin (Sn) mg/L	Blank <0.001 Standard name C00-046-705_X_1000 Result 0.104 Accuracy 96%

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Quality control Report

Lab number: V-68064

Sample name: KIA-NP2-East

Sampling location: NP2

Sampling date: September 13, 2017

Sampling hour: 11:00

Parameter		
Iron (Fe) mg/L	Limit 0.0700 - 0.1300	
	Blank <0.01	
	Standard name DMR-0476-2017-22-Eu	
	Result 11.8	
	Accuracy 96.5%	
Dissolved Iron (Fe) mg/L	Limit 9.1 - 13.7	
	Blank <0.01	
	Standard name C00-046-705_X_1000	
	Result 0.95	
	Accuracy 95%	
Fluoride (F) mg/L	Limit 0.800 - 1.200	
	Blank <0.02	
	Standard name Controle maison 2 ppm F	
	Result 1.93	
	Accuracy 96.5%	
Lithium (Li) mg/L	Limit 1.85 - 2.15	
	Blank <0.005	
	Total Suspended Solids mg/L	Blank <1
		Standard name STD-MES 25mg/L
		Result 26
Accuracy 96%		
Magnesium (Mg) mg/L	Limit 19 - 31	
	Blank <0.02	
	Standard name DMR-0476-2017-22-Eu	
	Result 7.00	
	Accuracy 88.5%	
Dissolved Magnesium (Mg) mg/L	Limit 6.33 - 9.49	
	Blank <0.02	
	Standard name C00-046-705_X_1000	
	Result 0.83	
	Accuracy 83%	
Manganese (Mn) mg/L	Limit 0.800 - 1.200	
	Blank <0.0005	
	Standard name DMR-0476-2017-22-Eu	
	Result 4.264	
	Accuracy 90.7%	
Dissolved Manganese (Mn) mg/L	Limit 3.12 - 4.68	
	Blank <0.0005	
	Standard name C00-046-705_X_1000	
	Result 0.1052	

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Quality control Report

Lab number: V-68064

Sample name: KIA-NP2-East

Sampling location: NP2

Sampling date: September 13, 2017

Sampling hour: 11:00

Parameter		
Mercury (Hg) mg/L	Accuracy 94.8%	
	Limit 0.0800 - 0.1200	
	Blank <0.00001	
	Standard name DMR-0426-2016-HgEu-1	
	Result 0.00334	
Dissolved Mercury (Hg) mg/L	Accuracy 77.7%	
	Limit 0.0026 - 0.0060	
	Blank <0.00001	
	Standard name DMR-0426-2016-HgEu-1	
	Result 0.00299	
Molybdenum (Mo) mg/L	Accuracy 69.5%	
	Limit 0.0026 - 0.0060	
	Blank <0.0005	
	Standard name DMR-0476-2017-22-Eu	
	Result 0.7125	
Dissolved Molybdenum (Mo) mg/l	Accuracy 99.4%	
	Limit 0.566 - 0.850	
	Blank <0.0005	
	Standard name C00-046-705_X_1000	
	Result 0.1016	
Nickel (Ni) mg/L	Accuracy 98.4%	
	Limit 0.0800 - 0.1200	
	Blank <0.0005	
	Standard name DMR-0476-2017-22-Eu	
	Result 1.095	
Dissolved Nickel (Ni) mg/L	Accuracy 96.1%	
	Limit 0.91 - 1.37	
	Blank <0.0005	
	Standard name C00-046-705_X_1000	
	Result 0.0915	
Nitrate (NO3) mg N/L	Accuracy 91.5%	
	Limit 0.0800 - 0.1200	
	Blank <0.01	
	Nitrite (NO2) mg N/L	Blank <0.01
		Standard name DMR-0417-2017-NO2
Result 2.65		
Ortho-Phosphate (O-PO4) mg P/	Accuracy 97.8%	
	Limit 2.30 - 3.12	
	Blank <0.01	
	Standard name DMR-0417-2017-OPO4	

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Quality control Report

Lab number: V-68064

Sample name: KIA-NP2-East

Sampling location: NP2

Sampling date: September 13, 2017

Sampling hour: 11:00

Parameter	
pH	Result 3.28
	Accuracy 97.2%
	Limit 2.81 - 3.57
	Sample duplicate <0.01-<0.01
	Standard name STD pH 7.0
Lead (Pb) mg/L	Result 7.03
	Accuracy 99.6%
	Limit 6.96 - 7.04
	Sample duplicate 8.01-8.01
	Blank <0.0003
Dissolved Lead (Pb) mg/L	Standard name DMR-0476-2017-22-Eu
	Result 0.8841
	Accuracy 97.9%
	Limit 0.722 - 1.084
	Blank <0.0003
Potassium (K) mg/L	Standard name C00-046-705_X_1000
	Result 0.0986
	Accuracy 98.6%
	Limit 0.0800 - 0.1200
	Standard name C00-046-705_X_1000
Selenium (Se) mg/L	Result 0.93
	Accuracy 93%
	Limit 0.800 - 1.200
	Blank <0.001
	Standard name DMR-0476-2017-22-Eu
Dissolved Selenium (Se) mg/L	Result 1.48
	Accuracy 90.4%
	Limit 1.08 - 1.62
	Blank <0.001
	Standard name C00-046-705_X_1000
Dissolved Solids mg/L	Result 0.101
	Accuracy 99%
	Limit 0.0800 - 0.1200
	Sample duplicate 153-152
	Standard name DMR-0417-2017-SO4
Strontium (Sr) mg/L	Result 125
Sulfate (SO4) mg SO4/L	Accuracy 98.4%
	Limit 114 - 132

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Quality control Report

Lab number: V-68064

Sample name: KIA-NP2-East

Sampling location: NP2

Sampling date: September 13, 2017

Sampling hour: 11:00

Parameter	
Tellurium (Te) mg/L	Standard name C00-046-705_X_1000 Result 0.0877 Accuracy 87.7% Limit 0.0800 - 0.1200
Thallium (Tl) mg/L	Blank <0.0008
	Standard name TI-S140909023-1000ppm Result 838 Accuracy 83.8% Limit 800 - 1200
Thiocyanate (SCN) mg SCN/L	Blank <0.05
	Standard name STD SCN 568ppm Result 594 Accuracy 95.4% Limit 398 - 738
Thiosulfates (S2O3) mg S2O3/L	Blank <0.02
	Standard name S2O3-225ppm Result 270 Accuracy 80% Limit 158 - 293
	Sample duplicate <0.02-<0.02
Titanium (Ti) mg/L	Blank <0.01
Dissolved titanium (Ti) mg/L	Blank <0.01
Turbidity UTN	Standard name DMR-0417-2017-Turb Result 5.38 Accuracy 96.3% Limit 4.41 - 5.97
Uranium (U) mg/L	Blank <0.001
	Standard name DMR-0476-2017-22-Eu Result 2.01 Accuracy 85.8% Limit 1.41 - 2.11
Dissolved Uranium (U) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000 Result 0.112 Accuracy 88% Limit 0.0800 - 0.1200
Vanadium (V) mg/L	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu Result 1.933 Accuracy 97.1%

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Quality control Report

Lab number: V-68064

Sample name: KIA-NP2-East

Sampling location: NP2

Sampling date: September 13, 2017

Sampling hour: 11:00

Parameter	
Dissolved Vanadium mg/L	Limit 1.59 - 2.39
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0914
	Accuracy 91.4%
Zinc (Zn) mg/L	Limit 0.0800 - 0.1200
	Blank <0.001
	Standard name DMR-0476-2017-22-Eu
	Result 4.83
	Accuracy 94.1%
Dissolved Zinc mg/L	Limit 3.65 - 5.47
	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.101
	Accuracy 99%
	Limit 0.0800 - 0.1200

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Additional information

Lab number: V-68064

Sample name: KIA-NP2-East

Sampling location: NP2

Sampling date: September 13, 2017

Sampling hour: 11:00

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-CL-2.0	MA.300-Ions 1.3
M-COUL-1.0	MA.103-Col. 2.0
M-CN-1.0	MA.300-CN 1.2
M-CI-1.0	MA.300-Anions 1.0
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-P-2.0	MA.303-P 1.1
M-SULF-2.0	MA.300-Ions 1.3
M-TURB-1.0	MA.103-Tur. 1.0

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-68062

Sampling location: NP2

Sampling date: September 13, 2017

Sample name: KIA-NP2 South

Sampling hour: 11:00

Sampled by: MT

Date received: September 15, 2017

Matrix: Water

Drinking water distribution:

Reported on: October 11, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Lab number: V-68062

Sample name: KIA-NP2 South

Sampling location: NP2

Sampling date: September 13, 2017

Sampling hour: 11:00

Parameter	Result	Method name	Analysis date
Alkalinity	54 mg CaCO ₃ /L	M-TIT-1.0	September 15, 2017
Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Antimony (Sb)	0.0001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Antimony (Sb)	0.0001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	<0.05 mg N/L	Sous-traitance\H2Lab inc. (SAM)	September 19, 2017
Kjeldahl nitrogen	<0.70 mg N/L	Sous-traitance\H2Lab inc. (SAM)	September 27, 2017
Barium (Ba)	0.0049 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Barium (Ba)	0.0064 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
bicarbonate (HCO ₃)	54 mg CaCO ₃ /L	M-TIT-1.0	September 15, 2017
Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Bromides	0.06 mg/L	Sous-traitance\Multilab Direct	October 03, 2017
Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Calcium (Ca)	16.5 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Carbonate (CO ₃)	<2 mg CaCO ₃ /L	M-TIT-1.0	September 15, 2017
Dissolved Organic Carbon (D.O.C.)	6.0 mg/L	M-COT-1.0	September 15, 2017
Total Organic Carbon (T.O.C.)	6.0 mg/L	M-COT-1.0	September 15, 2017
Chlorophyll A	0.80 µg/L	Sous-traitance\H2Lab inc. (SAM)	October 03, 2017
Chloride	4.7 mg/L	Sous-traitance\Multilab Direct	September 22, 2017
Chrome (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Chromium (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Cobalt (Co)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Cobalt (Co)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Conductivity	234 µmhos/cm	M-TIT-1.0	September 15, 2017
Colour	9 Colour units	Sous-traitance\Multilab Direct	September 20, 2017
Copper (Cu)	0.0030 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Copper (Cu)	0.0024 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Cyanide W.A.D.	<0.001 mg/L	Sous-traitance\Multilab Direct	September 22, 2017
Total Cyanide (CNT)	0.003 mg/L	Sous-traitance\Multilab Direct	September 22, 2017
Hardness	64 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	September 29, 2017
Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
dissolved Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017

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Analytical Report

Lab number: V-68062

Sample name: KIA-NP2 South

Sampling location: NP2

Sampling date: September 13, 2017

Sampling hour: 11:00

Parameter	Result	Method name	Analysis date
Iron (Fe)	0.05 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Iron (Fe)	0.01 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Fluoride (F)	0.13 mg/L	Sous-traitance\Multilab Direct	October 28, 2017
Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	October 03, 2017
Dissolved Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	October 03, 2017
Total Suspended Solids	5 mg/L	M-SOLI-1.0	September 18, 2017
Magnesium (Mg)	6.11 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Magnesium (Mg)	5.81 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Manganese (Mn)	0.0102 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Manganese (Mn)	0.0059 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Mercury (Hg)	0.00005 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Dissolved Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Molybdenum (Mo)	0.0007 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Molybdenum (Mo)	0.0007 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Ammonia NH3 (non-ionized)	<0.01 mg N/L	Sous-traitance\H2Lab inc. (SAM)	September 29, 2017
Nickel (Ni)	0.0071 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Nickel (Ni)	0.0061 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Nitrate (NO3)	0.07 mg N/L	Sous-traitance\Multilab Direct	September 20, 2017
Nitrite (NO2)	<0.01 mg N/L	Sous-traitance\Multilab Direct	September 20, 2017
Ortho-Phosphate (O-PO4)	<0.01 mg P/L	Sous-traitance\Multilab Direct	September 21, 2017
Dissolved oxygen	10.2 mg/L	Sous-traitance\Multilab Direct	September 19, 2017
pH	7.84	M-TIT-1.0	September 15, 2017
Total Phosphorus (P)	<0.04 mg P/L	Sous-traitance\H2Lab inc. (SAM)	September 18, 2017
Total Phosphorus (P) (Trace)	4.5 µg P/L	Sous-traitance\H2Lab inc. (SAM)	September 21, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Potassium (K)	2.11 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Selenium (Se)	0.001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Reactive silica (SiO2)	0.35 mg/L	Sous-traitance\Maxxam	September 25, 2017
Sodium (Na)	7.61 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Solids	156 mg/L	M-TIT-1.0	September 15, 2017
Strontium (Sr)	0.068 mg/L	Sous-traitance\Multilab Direct	October 03, 2017
dissolved Strontium (Sr)	0.061 mg/L	Sous-traitance\Multilab Direct	October 03, 2017
Sulfate (SO4)	56.1 mg SO4/L	Sous-traitance\Multilab Direct	September 20, 2017
Tellurium (Te)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	October 03, 2017
Dissolved thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	October 03, 2017
Thiocyanate (SCN)	0.28 mg SCN/L	Sous-traitance\Multilab Direct	September 21, 2017
Thiosulfates (S2O3)	<0.02 mg S2O3/L	Sous-traitance\Multilab Direct	September 22, 2017

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Analytical Report

Lab number: V-68062

Sample name: KIA-NP2 South

Sampling location: NP2

Sampling date: September 13, 2017

Sampling hour: 11:00

Parameter	Result	Method name	Analysis date
Titanium (Ti)	0.02 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved titanium (Ti)	0.02 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Turbidity	1.31 NTU	Sous-traitance\Multilab Direct	September 19, 2017
Uranium (U)	0.001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Uranium (U)	0.001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Vanadium (V)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Vanadium	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Zinc (Zn)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Zinc	<0.001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017

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Detection limit

Lab number: V-68062

Sample name: KIA-NP2 South

Sampling date: September 13, 2017

Sampling location: NP2

Sampling hour: 11:00

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO3/L	M-TIT-1.0	
Aluminium (Al)	0.003	mg/L	Sous-traitance	
Dissolved Aluminium (Al)	0.003	mg/L	Sous-traitance	
Antimony (Sb)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Antimony (Sb)	0.0001	mg/L	Sous-traitance	
Silver (Ag)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Silver (Ag)	0.0001	mg/L	Sous-traitance	
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Arsenic (As)	0.0005	mg/L	Sous-traitance	
Kjeldahl nitrogen	0.05	mg N/L	Sous-traitance	
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Barium (Ba)	0.0005	mg/L	Sous-traitance	
Beryllium (Be)	0.0005	mg/L	Sous-traitance	
Dissolved Beryllium (Be)	0.0005	mg/L	Sous-traitance	
bicarbonate (HCO3)	2	mg CaCO3/L	M-TIT-1.0	
Boron (B)	0.01	mg/L	Sous-traitance	Yes
Dissolved Boron (B)	0.006	mg/L	Sous-traitance	
Bromides	0.01	mg/L	Sous-traitance	
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Dissolved Cadmium (Cd)	0.00002	mg/L	Sous-traitance	
Calcium (Ca)	0.03	mg/L	Sous-traitance	Yes
Carbonate (CO3)	2	mg CaCO3/L	M-TIT-1.0	
Dissolved Organic Carbon (D.O.C.)	0.2	mg/L	M-COT-1.0	--
Total Organic Carbon (T.O.C.)	0.2	mg/L	M-COT-1.0	Yes
Chlorophyll A	0.04	µg/L	Sous-traitance	
Chloride	0.5	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Dissolved Chromium (Cr)	0.0006	mg/L	Sous-traitance	
Cobalt (Co)	0.0005	mg/L	Sous-traitance	
Dissolved Cobalt (Co)	0.0005	mg/L	Sous-traitance	
Conductivity	1	µmhos/cm	M-TIT-1.0	Yes
Colour	1	UCV	Sous-traitance	Yes
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Copper (Cu)	0.0005	mg/L	Sous-traitance	
Cyanide W.A.D.	0.001	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO3/L	Sous-traitance	
Tin (Sn)	0.001	mg/L	Sous-traitance	Yes
dissolved Tin (Sn)	0.001	mg/L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes

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Detection limit

Lab number: V-68062

Sample name: KIA-NP2 South

Sampling date: September 13, 2017

Sampling location: NP2

Sampling hour: 11:00

Parameter	Value	Unit	Method	Accreditation
Dissolved Iron (Fe)	0.01	mg/L	Sous-traitance	
Fluoride (F)	0.01	mg/L	Sous-traitance	Yes
Lithium (Li)	0.005	mg/L	Sous-traitance	
Dissolved Lithium (Li)	0.005	mg/L	Sous-traitance	
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Magnesium (Mg)	0.02	mg/L	Sous-traitance	Yes
Dissolved Magnesium (Mg)	0.02	mg/L	Sous-traitance	
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Manganese (Mn)	0.0003	mg/L	Sous-traitance	
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Dissolved Mercury (Hg)	0.00001	mg/L	Sous-traitance	
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Nickel (Ni)	0.0005	mg/L	Sous-traitance	
Nitrate (NO3)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO2)	0.01	mg N/L	Sous-traitance	Yes
Ortho-Phosphate (O-PO4)	0.01	mg P/L	Sous-traitance	Yes
Dissolved oxygen	0.1	mg/L	Sous-traitance	
pH			M-TIT-1.0	Yes
Total Phosphorus (P)	0.04	mg P/L	Sous-traitance	
Total Phosphorus (P) (Trace)	1.9	µg P/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Dissolved Lead (Pb)	0.0003	mg/L	Sous-traitance	
Potassium (K)	0.05	mg/L	Sous-traitance	
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Dissolved Selenium (Se)	0.001	mg/L	Sous-traitance	
Reactive silica (SiO2)		mg/L	Sous-traitance	
Sodium (Na)	0.05	mg/L	Sous-traitance	Yes
Dissolved Solids	1	mg/L	M-TIT-1.0	
Strontium (Sr)	0.005	mg/L	Sous-traitance	
dissolved Strontium (Sr)	0.005	mg/L	Sous-traitance	
Sulfate (SO4)	0.6	mg SO4/L	Sous-traitance	Yes
Tellurium (Te)	0.0005	mg/L	Sous-traitance	
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Dissolved thallium (Tl)	0.0008	mg/L	Sous-traitance	
Thiocyanate (SCN)	0.05	mg SCN/L	Sous-traitance	Yes
Thiosulfates (S2O3)	0.02	mg S2O3/L	Sous-traitance	Yes
Titanium (Ti)	0.01	mg/L	Sous-traitance	
Dissolved titanium (Ti)	0.01	mg/L	Sous-traitance	

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Detection limit

Lab number: V-68062

Sample name: KIA-NP2 South

Sampling date: September 13, 2017

Sampling location: NP2

Sampling hour: 11:00

Parameter	Value	Unit	Method	Accreditation
Turbidity	0.02	UTN	Sous-traitance	Yes
Uranium (U)	0.001	mg/L	Sous-traitance	
Dissolved Uranium (U)	0.001	mg/L	Sous-traitance	
Vanadium (V)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Vanadium	0.0005	mg/L	Sous-traitance	
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes
Dissolved Zinc	0.001	mg/L	Sous-traitance	

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Quality control Report

Lab number: V-68062

Sample name: KIA-NP2 South

Sampling location: NP2

Sampling date: September 13, 2017

Sampling hour: 11:00

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 147 Accuracy 98.6% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006
	Standard name DMR-0476-2017-22-Eu Result 5.33 Accuracy 85% Limit 5.02 - 7.52
Dissolved Aluminium (Al) mg/L	Blank <0.006
	Standard name DMR-0476-2017-22-Eu Result 5.66 Accuracy 90.3% Limit 5.02 - 7.52
Antimony (Sb) mg/L	Blank <0.0001
	Standard name DMR-0476-2017-22-Eu Result 0.2168 Accuracy 97.7% Limit 0.178 - 0.266
Dissolved Antimony (Sb) mg/L	Blank <0.0001
	Standard name C00-046-705_X_1000 Result 0.0117 Accuracy 83% Limit 0.0080 - 0.0120
Silver (Ag) mg/L	Blank <0.0001
Dissolved Silver (Ag) mg/L	Blank <0.0001
Arsenic (As) mg/L	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu Result 0.2691 Accuracy 94.8% Limit 0.199 - 0.369
Dissolved Arsenic (As) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000 Result 0.0879 Accuracy 87.9% Limit 0.0800 - 0.1200
Barium (Ba) mg/L	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu Result 2.784 Accuracy 85.4%

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Quality control Report

Lab number: V-68062

Sample name: KIA-NP2 South

Sampling location: NP2

Sampling date: September 13, 2017

Sampling hour: 11:00

Parameter	
Dissolved Barium (Ba) mg/L	Limit 1.94 - 2.92
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1092
	Accuracy 90.8%
Beryllium (Be) mg/L	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu
	Result 1.497
	Accuracy 88.1%
Dissolved Beryllium (Be) mg/L	Limit 1.36 - 2.04
	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu
	Result 1.540
	Accuracy 90.6%
Boron (B) mg/L	Limit 1.36 - 2.04
	Blank <0.01
	Standard name DMR-0476-2017-22-Eu
	Result 2.80
	Accuracy 97.2%
Dissolved Boron (B) mg/L	Limit 2.30 - 3.46
	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 0.84
	Accuracy 84%
Bromides mg/L	Limit 0.800 - 1.200
	Blank <0.01
	Standard name DMR-0119-2017-Br
	Result 4.97
	Accuracy 88.3%
Cadmium (Cd) mg/L	Limit 4.50 - 6.76
	Blank <0.00002
	Standard name DMR-0476-2017-22-Eu
	Result 0.97801
	Accuracy 91.5%
Dissolved Cadmium (Cd) mg/L	Limit 0.721 - 1.081
	Blank <0.00002
	Standard name C00-046-705_X_1000
	Result 0.10208
	Accuracy 97.9%

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Quality control Report

Lab number: V-68062

Sample name: KIA-NP2 South

Sampling location: NP2

Sampling date: September 13, 2017

Sampling hour: 11:00

Parameter	
Calcium (Ca) mg/L	Limit 0.0800 - 0.1200 Standard name C00-046-705_X_1000 Result 0.87 Accuracy 87%
Dissolved Organic Carbon (D.O.C.) mg/L	Limit 0.800 - 1.200 Blank <0.2 Standard name COD 10mg/L Result 10 Accuracy 100%
Total Organic Carbon (T.O.C.) mg/L	Limit 8 - 12 Blank <0.2 Standard name COT 10mg/L Result 10 Accuracy 100%
Chloride mg/L	Limit 8 - 12 Blank <0.5 Standard name DMR-0476-2017-13-CL Result 109 Accuracy 99.1%
Chrome (Cr) mg/L	Limit 95 - 121 Blank <0.0006 Standard name DMR-0476-2017-22-Eu Result 3.991 Accuracy 98.5%
Dissolved Chromium (Cr) mg/L	Limit 3.24 - 4.86 Blank <0.0006 Standard name C00-046-705_X_1000 Result 0.0925 Accuracy 92.5%
Cobalt (Co) mg/L	Limit 0.0800 - 0.1200 Blank <0.0005 Standard name DMR-0476-2017-22-Eu Result 1.588 Accuracy 98.2%
Dissolved Cobalt (Co) mg/L	Limit 1.25 - 1.87 Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0953 Accuracy 95.3%
	Limit 0.0800 - 0.1200

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Quality control Report

Lab number: V-68062

Sample name: KIA-NP2 South

Sampling location: NP2

Sampling date: September 13, 2017

Sampling hour: 11:00

Parameter	
Conductivity µmhos/cm	Standard name STD cond maison Result 1407 Accuracy 99.4% Limit 1203 - 1627
Colour UCV	Blank <1
	Standard name DMR-0417-2017-Coul Result 100 Accuracy 85.1% Limit 67 - 107
Copper (Cu) mg/L	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu Result 1.344 Accuracy 95% Limit 1.02 - 1.54
Dissolved Copper (Cu) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000 Result 0.0928 Accuracy 92.8% Limit 0.0800 - 0.1200
Cyanide W.A.D. mg/L	Blank <0.001
	Standard name DMR-0343-CN Result 0.835 Accuracy 94.6% Limit 0.751 - 1.015
Total Cyanide (CNT) mg/L	Blank <0.001
	Standard name DMR-0343-CN Result 1.17 Accuracy 99.2% Limit 1.003 - 1.357
Tin (Sn) mg/L	Blank <0.001
dissolved Tin (Sn) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000 Result 0.104 Accuracy 96% Limit 0.0700 - 0.1300
Iron (Fe) mg/L	Blank <0.01
	Standard name DMR-0476-2017-22-Eu Result 11.8 Accuracy 96.5% Limit 9.1 - 13.7

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Quality control Report

Lab number: V-68062

Sample name: KIA-NP2 South

Sampling location: NP2

Sampling date: September 13, 2017

Sampling hour: 11:00

Parameter	
Dissolved Iron (Fe) mg/L	Blank <0.01 Standard name C00-046-705_X_1000 Result 0.95 Accuracy 95% Limit 0.800 - 1.200
Fluoride (F) mg/L	Blank <0.02 Standard name Controle maison 2 ppm F Result 1.93 Accuracy 96.5% Limit 1.85 - 2.15
Lithium (Li) mg/L	Blank <0.005
Total Suspended Solids mg/L	Blank <1 Standard name STD-MES 25mg/L Result 26 Accuracy 96% Limit 19 - 31
Magnesium (Mg) mg/L	Blank <0.02 Standard name DMR-0476-2017-22-Eu Result 7.00 Accuracy 88.5% Limit 6.33 - 9.49
Dissolved Magnesium (Mg) mg/L	Blank <0.02 Standard name C00-046-705_X_1000 Result 0.83 Accuracy 83% Limit 0.800 - 1.200
Manganese (Mn) mg/L	Blank <0.0005 Standard name DMR-0476-2017-22-Eu Result 4.264 Accuracy 90.7% Limit 3.12 - 4.68
Dissolved Manganese (Mn) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1052 Accuracy 94.8% Limit 0.0800 - 0.1200
Mercury (Hg) mg/L	Blank <0.00001 Standard name DMR-0426-2016-HgEu-1 Result 0.00334 Accuracy 77.7%

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Quality control Report

Lab number: V-68062

Sample name: KIA-NP2 South

Sampling location: NP2

Sampling date: September 13, 2017

Sampling hour: 11:00

Parameter		
Dissolved Mercury (Hg) mg/L	Limit 0.0026 - 0.0060	
	Sample duplicate 0.00005-0.00001	
	Blank <0.00001	
	Standard name DMR-0426-2016-HgEu-1	
	Result 0.00299	
Molybdenum (Mo) mg/L	Accuracy 69.5%	
	Limit 0.0026 - 0.0060	
	Blank <0.0005	
	Standard name DMR-0476-2017-22-Eu	
	Result 0.7125	
Dissolved Molybdenum (Mo) mg/	Accuracy 99.4%	
	Limit 0.566 - 0.850	
	Blank <0.0005	
	Standard name C00-046-705_X_1000	
	Result 0.1016	
Nickel (Ni) mg/L	Accuracy 98.4%	
	Limit 0.0800 - 0.1200	
	Blank <0.0005	
	Standard name DMR-0476-2017-22-Eu	
	Result 1.095	
Dissolved Nickel (Ni) mg/L	Accuracy 96.1%	
	Limit 0.91 - 1.37	
	Blank <0.0005	
	Standard name C00-046-705_X_1000	
	Result 0.0915	
Nitrate (NO3) mg N/L	Accuracy 91.5%	
	Limit 0.0800 - 0.1200	
	Blank <0.01	
	Nitrite (NO2) mg N/L	Blank <0.01
		Standard name DMR-0417-2017-NO2
Ortho-Phosphate (O-PO4) mg P/	Result 2.65	
	Accuracy 97.8%	
	Limit 2.30 - 3.12	
	Blank <0.01	
	Standard name DMR-0417-2017-OPO4	
pH	Result 3.28	
	Accuracy 97.2%	
	Limit 2.81 - 3.57	
	Standard name STD pH 7.0	
	Result 7.03	

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Quality control Report

Lab number: V-68062

Sample name: KIA-NP2 South

Sampling location: NP2

Sampling date: September 13, 2017

Sampling hour: 11:00

Parameter	
Lead (Pb) mg/L	Accuracy 99.6%
	Limit 6.96 - 7.04
	Blank <0.0003
	Standard name DMR-0476-2017-22-Eu
	Result 0.9364
Dissolved Lead (Pb) mg/L	Accuracy 96.3%
	Limit 0.722 - 1.084
	Blank <0.0003
	Standard name C00-046-705_X_1000
	Result 0.0986
Potassium (K) mg/L	Accuracy 98.6%
	Limit 0.0800 - 0.1200
	Standard name C00-046-705_X_1000
	Result 0.93
Selenium (Se) mg/L	Accuracy 93%
	Limit 0.800 - 1.200
	Blank <0.001
	Standard name DMR-0476-2017-22-Eu
	Result 1.48
Dissolved Selenium (Se) mg/L	Accuracy 90.4%
	Limit 1.08 - 1.62
	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.101
Strontium (Sr) mg/L	Accuracy 99%
	Limit 0.0800 - 0.1200
	Blank <0.005
	Standard name DMR-0417-2017-SO4
Sulfate (SO4) mg SO4/L	Result 130
	Accuracy 94.3%
	Limit 114 - 132
	Standard name C00-046-705_X_1000
	Result 0.0877
Tellurium (Te) mg/L	Accuracy 87.7%
	Limit 0.0800 - 0.1200
	Blank <0.0008
	Standard name TI-S140909023-1000ppm
	Result 838
Thallium (Tl) mg/L	Accuracy 83.8%

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Quality control Report

Lab number: V-68062

Sample name: KIA-NP2 South

Sampling location: NP2

Sampling date: September 13, 2017

Sampling hour: 11:00

Parameter	
Thiocyanate (SCN) mg SCN/L	Limit 800 - 1200 Blank <0.05 Standard name STD SCN 568ppm Result 594 Accuracy 95.4%
Thiosulfates (S2O3) mg S2O3/L	Limit 398 - 738 Sample duplicate 0.28-0.26 Blank <0.02 Standard name S2O3-225ppm Result 270 Accuracy 80%
Titanium (Ti) mg/L	Limit 158 - 293 Blank <0.01
Dissolved titanium (Ti) mg/L	Blank <0.01
Turbidity UTN	Standard name DMR-0417-2017-Turb Result 5.38 Accuracy 96.3% Limit 4.41 - 5.97 Sample duplicate 1.31-1.42
Uranium (U) mg/L	Blank <0.001 Standard name DMR-0476-2017-22-Eu Result 2.01 Accuracy 85.8% Limit 1.41 - 2.11
Dissolved Uranium (U) mg/L	Blank <0.001 Standard name C00-046-705_X_1000 Result 0.112 Accuracy 88% Limit 0.0800 - 0.1200
Vanadium (V) mg/L	Blank <0.0005 Standard name DMR-0476-2017-22-Eu Result 1.933 Accuracy 97.1% Limit 1.59 - 2.39
Dissolved Vanadium mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0914 Accuracy 91.4% Limit 0.0800 - 0.1200
Zinc (Zn) mg/L	Blank <0.001

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Quality control Report

Lab number: V-68062

Sample name: KIA-NP2 South

Sampling location: NP2

Sampling date: September 13, 2017

Sampling hour: 11:00

Parameter

Standard name DMR-0476-2017-22-Eu

Result 4.83

Accuracy 94.1%

Limit 3.65 - 5.47

Dissolved Zinc mg/L

Blank <0.001

Standard name C00-046-705_X_1000

Result 0.101

Accuracy 99%

Limit 0.0800 - 0.1200

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Additional information

Lab number: V-68062

Sample name: KIA-NP2 South

Sampling location: NP2

Sampling date: September 13, 2017

Sampling hour: 11:00

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-CL-2.0	MA.300-Ions 1.3
M-COUL-1.0	MA.103-Col. 2.0
M-CN-1.0	MA.300-CN 1.2
M-CI-1.0	MA.300-Anions 1.0
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-P-2.0	MA.303-P 1.1
M-SULF-2.0	MA.300-Ions 1.3
M-TURB-1.0	MA.103-Tur. 1.0

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-68063

Sampling location: NP2

Sampling date: September 13, 2017

Sample name: KIA-NP2-West

Sampling hour: 15:00

Sampled by: MT

Date received: September 15, 2017

Matrix: Water

Drinking water distribution:

Reported on: October 11, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Lab number: V-68063

Sample name: KIA-NP2-West

Sampling location: NP2

Sampling date: September 13, 2017

Sampling hour: 15:00

Parameter	Result	Method name	Analysis date
Alkalinity	54 mg CaCO ₃ /L	M-TIT-1.0	September 15, 2017
Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Antimony (Sb)	0.0001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Antimony (Sb)	<0.0001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	<0.05 mg N/L	Sous-traitance\H2Lab inc. (SAM)	September 19, 2017
Kjeldahl nitrogen	<0.70 mg N/L	Sous-traitance\H2Lab inc. (SAM)	September 27, 2017
Barium (Ba)	0.0061 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Barium (Ba)	0.0063 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
bicarbonate (HCO ₃)	54 mg CaCO ₃ /L	M-TIT-1.0	September 15, 2017
Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Bromides	0.05 mg/L	Sous-traitance\Multilab Direct	October 03, 2017
Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Calcium (Ca)	16.8 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Carbonate (CO ₃)	<2 mg CaCO ₃ /L	M-TIT-1.0	September 15, 2017
Dissolved Organic Carbon (D.O.C.)	6.1 mg/L	M-COT-1.0	September 15, 2017
Total Organic Carbon (T.O.C.)	6.1 mg/L	M-COT-1.0	September 15, 2017
Chlorophyll A	1.3 µg/L	Sous-traitance\H2Lab inc. (SAM)	October 03, 2017
Chloride	4.3 mg/L	Sous-traitance\Multilab Direct	September 22, 2017
Chrome (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Chromium (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Cobalt (Co)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Cobalt (Co)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Conductivity	234 µmhos/cm	M-TIT-1.0	September 15, 2017
Colour	6 Colour units	Sous-traitance\Multilab Direct	September 20, 2017
Copper (Cu)	0.0024 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Copper (Cu)	0.0019 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Cyanide W.A.D.	<0.001 mg/L	Sous-traitance\Multilab Direct	September 22, 2017
Total Cyanide (CNT)	0.002 mg/L	Sous-traitance\Multilab Direct	September 22, 2017
Hardness	65 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	September 29, 2017
Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
dissolved Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017

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Analytical Report

Lab number: V-68063

Sample name: KIA-NP2-West

Sampling location: NP2

Sampling date: September 13, 2017

Sampling hour: 15:00

Parameter	Result	Method name	Analysis date
Iron (Fe)	0.03 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Iron (Fe)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Fluoride (F)	0.14 mg/L	Sous-traitance\Multilab Direct	October 28, 2017
Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	October 03, 2017
Dissolved Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	October 03, 2017
Total Suspended Solids	4 mg/L	M-SOLI-1.0	September 18, 2017
Magnesium (Mg)	6.19 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Magnesium (Mg)	5.70 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Manganese (Mn)	0.0070 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Manganese (Mn)	0.0014 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Dissolved Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Molybdenum (Mo)	0.0007 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Molybdenum (Mo)	0.0007 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Ammonia NH3 (non-ionized)	<0.01 mg N/L	Sous-traitance\H2Lab inc. (SAM)	September 29, 2017
Nickel (Ni)	0.0063 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Nickel (Ni)	0.0053 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Nitrate (NO3)	0.04 mg N/L	Sous-traitance\Multilab Direct	September 20, 2017
Nitrite (NO2)	<0.01 mg N/L	Sous-traitance\Multilab Direct	September 20, 2017
Ortho-Phosphate (O-PO4)	<0.01 mg P/L	Sous-traitance\Multilab Direct	September 21, 2017
Dissolved oxygen	10.6 mg/L	Sous-traitance\Multilab Direct	September 19, 2017
pH	8.05	M-TIT-1.0	September 15, 2017
Total Phosphorus (P)	<0.04 mg P/L	Sous-traitance\H2Lab inc. (SAM)	September 18, 2017
Total Phosphorus (P) (Trace)	4.4 µg P/L	Sous-traitance\H2Lab inc. (SAM)	September 21, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Potassium (K)	2.09 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Selenium (Se)	0.001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Selenium (Se)	0.001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Reactive silica (SiO2)	0.38 mg/L	Sous-traitance\Maxxam	September 25, 2017
Sodium (Na)	7.62 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Solids	156 mg/L	M-TIT-1.0	September 15, 2017
Strontium (Sr)	0.068 mg/L	Sous-traitance\Multilab Direct	October 03, 2017
dissolved Strontium (Sr)	0.062 mg/L	Sous-traitance\Multilab Direct	October 03, 2017
Sulfate (SO4)	54.9 mg SO4/L	Sous-traitance\Multilab Direct	September 20, 2017
Tellurium (Te)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	October 03, 2017
Dissolved thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	October 03, 2017
Thiocyanate (SCN)	0.25 mg SCN/L	Sous-traitance\Multilab Direct	September 21, 2017
Thiosulfates (S2O3)	<0.02 mg S2O3/L	Sous-traitance\Multilab Direct	September 22, 2017

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Analytical Report

Lab number: V-68063

Sample name: KIA-NP2-West

Sampling location: NP2

Sampling date: September 13, 2017

Sampling hour: 15:00

Parameter	Result	Method name	Analysis date
Titanium (Ti)	0.02 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved titanium (Ti)	0.02 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Turbidity	1.19 NTU	Sous-traitance\Multilab Direct	September 19, 2017
Uranium (U)	0.001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Uranium (U)	0.001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Vanadium (V)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Vanadium	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Zinc (Zn)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Zinc	<0.001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017

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Detection limit

Lab number: V-68063

Sample name: KIA-NP2-West

Sampling location: NP2

Sampling date: September 13, 2017

Sampling hour: 15:00

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO3/L	M-TIT-1.0	
Aluminium (Al)	0.003	mg/L	Sous-traitance	
Dissolved Aluminium (Al)	0.003	mg/L	Sous-traitance	
Antimony (Sb)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Antimony (Sb)	0.0001	mg/L	Sous-traitance	
Silver (Ag)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Silver (Ag)	0.0001	mg/L	Sous-traitance	
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Arsenic (As)	0.0005	mg/L	Sous-traitance	
Kjeldahl nitrogen	0.05	mg N/L	Sous-traitance	
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Barium (Ba)	0.0005	mg/L	Sous-traitance	
Beryllium (Be)	0.0005	mg/L	Sous-traitance	
Dissolved Beryllium (Be)	0.0005	mg/L	Sous-traitance	
bicarbonate (HCO3)	2	mg CaCO3/L	M-TIT-1.0	
Boron (B)	0.01	mg/L	Sous-traitance	Yes
Dissolved Boron (B)	0.006	mg/L	Sous-traitance	
Bromides	0.01	mg/L	Sous-traitance	
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Dissolved Cadmium (Cd)	0.00002	mg/L	Sous-traitance	
Calcium (Ca)	0.03	mg/L	Sous-traitance	Yes
Carbonate (CO3)	2	mg CaCO3/L	M-TIT-1.0	
Dissolved Organic Carbon (D.O.C.)	0.2	mg/L	M-COT-1.0	--
Total Organic Carbon (T.O.C.)	0.2	mg/L	M-COT-1.0	Yes
Chlorophyll A	0.04	µg/L	Sous-traitance	
Chloride	0.5	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Dissolved Chromium (Cr)	0.0006	mg/L	Sous-traitance	
Cobalt (Co)	0.0005	mg/L	Sous-traitance	
Dissolved Cobalt (Co)	0.0005	mg/L	Sous-traitance	
Conductivity	1	µmhos/cm	M-TIT-1.0	Yes
Colour	1	UCV	Sous-traitance	Yes
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Copper (Cu)	0.0005	mg/L	Sous-traitance	
Cyanide W.A.D.	0.001	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO3/L	Sous-traitance	
Tin (Sn)	0.001	mg/L	Sous-traitance	Yes
dissolved Tin (Sn)	0.001	mg/L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

This report shall not be reproduced except in full without the written authority of the laboratory.



Detection limit

Lab number: V-68063

Sample name: KIA-NP2-West

Sampling location: NP2

Sampling date: September 13, 2017

Sampling hour: 15:00

Parameter	Value	Unit	Method	Accreditation
Dissolved Iron (Fe)	0.01	mg/L	Sous-traitance	
Fluoride (F)	0.01	mg/L	Sous-traitance	Yes
Lithium (Li)	0.005	mg/L	Sous-traitance	
Dissolved Lithium (Li)	0.005	mg/L	Sous-traitance	
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Magnesium (Mg)	0.02	mg/L	Sous-traitance	Yes
Dissolved Magnesium (Mg)	0.02	mg/L	Sous-traitance	
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Manganese (Mn)	0.0003	mg/L	Sous-traitance	
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Dissolved Mercury (Hg)	0.00001	mg/L	Sous-traitance	
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Nickel (Ni)	0.0005	mg/L	Sous-traitance	
Nitrate (NO3)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO2)	0.01	mg N/L	Sous-traitance	Yes
Ortho-Phosphate (O-PO4)	0.01	mg P/L	Sous-traitance	Yes
Dissolved oxygen	0.1	mg/L	Sous-traitance	
pH			M-TIT-1.0	Yes
Total Phosphorus (P)	0.04	mg P/L	Sous-traitance	
Total Phosphorus (P) (Trace)	1.9	µg P/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Dissolved Lead (Pb)	0.0003	mg/L	Sous-traitance	
Potassium (K)	0.05	mg/L	Sous-traitance	
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Dissolved Selenium (Se)	0.001	mg/L	Sous-traitance	
Reactive silica (SiO2)		mg/L	Sous-traitance	
Sodium (Na)	0.05	mg/L	Sous-traitance	Yes
Dissolved Solids	1	mg/L	M-TIT-1.0	
Strontium (Sr)	0.005	mg/L	Sous-traitance	
dissolved Strontium (Sr)	0.005	mg/L	Sous-traitance	
Sulfate (SO4)	0.6	mg SO4/L	Sous-traitance	Yes
Tellurium (Te)	0.0005	mg/L	Sous-traitance	
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Dissolved thallium (Tl)	0.0008	mg/L	Sous-traitance	
Thiocyanate (SCN)	0.05	mg SCN/L	Sous-traitance	Yes
Thiosulfates (S2O3)	0.02	mg S2O3/L	Sous-traitance	Yes
Titanium (Ti)	0.01	mg/L	Sous-traitance	
Dissolved titanium (Ti)	0.01	mg/L	Sous-traitance	

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Detection limit

Lab number: V-68063

Sample name: KIA-NP2-West

Sampling date: September 13, 2017

Sampling location: NP2

Sampling hour: 15:00

Parameter	Value	Unit	Method	Accreditation
Turbidity	0.02	UTN	Sous-traitance	Yes
Uranium (U)	0.001	mg/L	Sous-traitance	
Dissolved Uranium (U)	0.001	mg/L	Sous-traitance	
Vanadium (V)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Vanadium	0.0005	mg/L	Sous-traitance	
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes
Dissolved Zinc	0.001	mg/L	Sous-traitance	

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Quality control Report

Lab number: V-68063

Sample name: KIA-NP2-West

Sampling location: NP2

Sampling date: September 13, 2017

Sampling hour: 15:00

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 147 Accuracy 98.6% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006
	Standard name DMR-0476-2017-22-Eu Result 5.33 Accuracy 85% Limit 5.02 - 7.52
Dissolved Aluminium (Al) mg/L	Blank <0.006
	Standard name DMR-0476-2017-22-Eu Result 5.66 Accuracy 90.3% Limit 5.02 - 7.52
Antimony (Sb) mg/L	Blank <0.0001
	Standard name DMR-0476-2017-22-Eu Result 0.2168 Accuracy 97.7% Limit 0.178 - 0.266
Dissolved Antimony (Sb) mg/L	Blank <0.0001
	Standard name C00-046-705_X_1000 Result 0.0117 Accuracy 83% Limit 0.0080 - 0.0120
Silver (Ag) mg/L	Blank <0.0001
Dissolved Silver (Ag) mg/L	Blank <0.0001
Arsenic (As) mg/L	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu Result 0.2691 Accuracy 94.8% Limit 0.199 - 0.369
Dissolved Arsenic (As) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000 Result 0.0879 Accuracy 87.9% Limit 0.0800 - 0.1200
Barium (Ba) mg/L	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu Result 2.784 Accuracy 85.4%

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Quality control Report

Lab number: V-68063

Sample name: KIA-NP2-West

Sampling location: NP2

Sampling date: September 13, 2017

Sampling hour: 15:00

Parameter	
Dissolved Barium (Ba) mg/L	Limit 1.94 - 2.92
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1092
	Accuracy 90.8%
Beryllium (Be) mg/L	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu
	Result 1.497
	Accuracy 88.1%
Dissolved Beryllium (Be) mg/L	Limit 1.36 - 2.04
	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu
	Result 1.540
	Accuracy 90.6%
Boron (B) mg/L	Limit 1.36 - 2.04
	Blank <0.01
	Standard name DMR-0476-2017-22-Eu
	Result 2.80
	Accuracy 97.2%
Dissolved Boron (B) mg/L	Limit 2.30 - 3.46
	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 0.84
	Accuracy 84%
Bromides mg/L	Limit 0.800 - 1.200
	Blank <0.01
	Standard name DMR-0119-2017-Br
	Result 4.97
	Accuracy 88.3%
Cadmium (Cd) mg/L	Limit 4.50 - 6.76
	Blank <0.00002
	Standard name DMR-0476-2017-22-Eu
	Result 0.97801
	Accuracy 91.5%
Dissolved Cadmium (Cd) mg/L	Limit 0.721 - 1.081
	Blank <0.00002
	Standard name C00-046-705_X_1000
	Result 0.10208
	Accuracy 97.9%

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Quality control Report

Lab number: V-68063

Sample name: KIA-NP2-West

Sampling location: NP2

Sampling date: September 13, 2017

Sampling hour: 15:00

Parameter	
Calcium (Ca) mg/L	Limit 0.0800 - 0.1200 Standard name C00-046-705_X_1000 Result 0.87 Accuracy 87%
Dissolved Organic Carbon (D.O.C.) mg/L	Limit 0.800 - 1.200 Blank <0.2 Standard name COD 10mg/L Result 10 Accuracy 100%
Total Organic Carbon (T.O.C.) mg/L	Limit 8 - 12 Blank <0.2 Standard name COT 10mg/L Result 10 Accuracy 100%
Chloride mg/L	Limit 8 - 12 Blank <0.5 Standard name DMR-0476-2017-13-CL Result 112 Accuracy 96.3%
Chrome (Cr) mg/L	Limit 95 - 121 Blank <0.0006 Standard name DMR-0476-2017-22-Eu Result 3.991 Accuracy 98.5%
Dissolved Chromium (Cr) mg/L	Limit 3.24 - 4.86 Blank <0.0006 Standard name C00-046-705_X_1000 Result 0.0925 Accuracy 92.5%
Cobalt (Co) mg/L	Limit 0.0800 - 0.1200 Blank <0.0005 Standard name DMR-0476-2017-22-Eu Result 1.588 Accuracy 98.2%
Dissolved Cobalt (Co) mg/L	Limit 1.25 - 1.87 Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0953 Accuracy 95.3%
	Limit 0.0800 - 0.1200

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Quality control Report

Lab number: V-68063

Sample name: KIA-NP2-West

Sampling location: NP2

Sampling date: September 13, 2017

Sampling hour: 15:00

Parameter	
Conductivity µmhos/cm	Standard name STD cond maison Result 1407 Accuracy 99.4% Limit 1203 - 1627
Colour UCV	Blank <1
	Standard name DMR-0417-2017-Coul Result 100 Accuracy 85.1% Limit 67 - 107
Copper (Cu) mg/L	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu Result 1.344 Accuracy 95% Limit 1.02 - 1.54
Dissolved Copper (Cu) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000 Result 0.0928 Accuracy 92.8% Limit 0.0800 - 0.1200
Cyanide W.A.D. mg/L	Blank <0.001
	Standard name DMR-0343-CN Result 0.835 Accuracy 94.6% Limit 0.751 - 1.015
Total Cyanide (CNT) mg/L	Blank <0.001
	Standard name DMR-0343-CN Result 1.17 Accuracy 99.2% Limit 1.003 - 1.357
Tin (Sn) mg/L	Blank <0.001
dissolved Tin (Sn) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000 Result 0.104 Accuracy 96% Limit 0.0700 - 0.1300
Iron (Fe) mg/L	Blank <0.01
	Standard name DMR-0476-2017-22-Eu Result 11.8 Accuracy 96.5% Limit 9.1 - 13.7

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Quality control Report

Lab number: V-68063

Sample name: KIA-NP2-West

Sampling location: NP2

Sampling date: September 13, 2017

Sampling hour: 15:00

Parameter	
Dissolved Iron (Fe) mg/L	Blank <0.01 Standard name C00-046-705_X_1000 Result 0.95 Accuracy 95% Limit 0.800 - 1.200
Fluoride (F) mg/L	Blank <0.02 Standard name Controle maison 2 ppm F Result 1.93 Accuracy 96.5% Limit 1.85 - 2.15
Lithium (Li) mg/L	Blank <0.005
Total Suspended Solids mg/L	Blank <1 Standard name STD-MES 25mg/L Result 26 Accuracy 96% Limit 19 - 31
Magnesium (Mg) mg/L	Blank <0.02 Standard name DMR-0476-2017-22-Eu Result 7.00 Accuracy 88.5% Limit 6.33 - 9.49
Dissolved Magnesium (Mg) mg/L	Blank <0.02 Standard name C00-046-705_X_1000 Result 0.83 Accuracy 83% Limit 0.800 - 1.200
Manganese (Mn) mg/L	Blank <0.0005 Standard name DMR-0476-2017-22-Eu Result 4.264 Accuracy 90.7% Limit 3.12 - 4.68
Dissolved Manganese (Mn) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1052 Accuracy 94.8% Limit 0.0800 - 0.1200
Mercury (Hg) mg/L	Blank <0.00001 Standard name DMR-0426-2016-HgEu-1 Result 0.00334 Accuracy 77.7%

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Quality control Report

Lab number: V-68063

Sample name: KIA-NP2-West

Sampling location: NP2

Sampling date: September 13, 2017

Sampling hour: 15:00

Parameter	
Dissolved Mercury (Hg) mg/L	Limit 0.0026 - 0.0060
	Blank <0.00001
	Standard name DMR-0426-2016-HgEu-1
	Result 0.00299
	Accuracy 69.5%
Molybdenum (Mo) mg/L	Limit 0.0026 - 0.0060
	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu
	Result 0.7125
	Accuracy 99.4%
Dissolved Molybdenum (Mo) mg/L	Limit 0.566 - 0.850
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1016
	Accuracy 98.4%
Nickel (Ni) mg/L	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu
	Result 1.095
	Accuracy 96.1%
Dissolved Nickel (Ni) mg/L	Limit 0.91 - 1.37
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0915
	Accuracy 91.5%
Nitrate (NO3) mg N/L Nitrite (NO2) mg N/L	Limit 0.0800 - 0.1200
	Blank <0.01
	Standard name DMR-0417-2017-NO2
	Result 2.65
	Accuracy 97.8%
Ortho-Phosphate (O-PO4) mg P/	Limit 2.30 - 3.12
	Blank <0.01
	Standard name DMR-0417-2017-OPO4
	Result 3.28
	Accuracy 97.2%
pH	Limit 2.81 - 3.57
	Standard name STD pH 7.0
	Result 7.03
	Accuracy 99.6%

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Quality control Report

Lab number: V-68063

Sample name: KIA-NP2-West

Sampling location: NP2

Sampling date: September 13, 2017

Sampling hour: 15:00

Parameter		
Lead (Pb) mg/L	Limit 6.96 - 7.04	
	Blank <0.0003	
	Standard name DMR-0476-2017-22-Eu	
	Result 0.9364	
	Accuracy 96.3%	
Dissolved Lead (Pb) mg/L	Limit 0.722 - 1.084	
	Blank <0.0003	
	Standard name C00-046-705_X_1000	
	Result 0.0986	
	Accuracy 98.6%	
Potassium (K) mg/L	Limit 0.0800 - 0.1200	
	Standard name C00-046-705_X_1000	
	Result 0.93	
	Accuracy 93%	
	Limit 0.800 - 1.200	
Selenium (Se) mg/L	Blank <0.001	
	Standard name DMR-0476-2017-22-Eu	
	Result 1.48	
	Accuracy 90.4%	
	Limit 1.08 - 1.62	
Dissolved Selenium (Se) mg/L	Blank <0.001	
	Standard name C00-046-705_X_1000	
	Result 0.101	
	Accuracy 99%	
	Limit 0.0800 - 0.1200	
Strontium (Sr) mg/L	Blank <0.005	
	Blank <0.6	
Sulfate (SO4) mg SO4/L	Standard name DMR-0417-2017-SO4	
	Result 130	
	Accuracy 94.3%	
	Limit 114 - 132	
	Standard name C00-046-705_X_1000	
Tellurium (Te) mg/L	Result 0.0877	
	Accuracy 87.7%	
	Limit 0.0800 - 0.1200	
	Thallium (Tl) mg/L	Blank <0.0008
		Standard name Tl-S140909023-1000ppm
Result 838		
Accuracy 83.8%		
Limit 800 - 1200		

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Quality control Report

Lab number: V-68063

Sample name: KIA-NP2-West

Sampling location: NP2

Sampling date: September 13, 2017

Sampling hour: 15:00

Parameter

Thiocyanate (SCN) mg SCN/L Blank <0.05
Standard name STD SCN 568ppm
Result 594
Accuracy 95.4%
Limit 398 - 738

Thiosulfates (S2O3) mg S2O3/L Blank <0.02
Standard name S2O3-225ppm
Result 270
Accuracy 80%
Limit 158 - 293

Titanium (Ti) mg/L Blank <0.01
Dissolved titanium (Ti) mg/L Blank <0.01
Turbidity UTN Standard name DMR-0417-2017-Turb
Result 5.38
Accuracy 96.3%
Limit 4.41 - 5.97

Uranium (U) mg/L Blank <0.001
Standard name DMR-0476-2017-22-Eu
Result 2.01
Accuracy 85.8%
Limit 1.41 - 2.11

Dissolved Uranium (U) mg/L Blank <0.001
Standard name C00-046-705_X_1000
Result 0.112
Accuracy 88%
Limit 0.0800 - 0.1200

Vanadium (V) mg/L Blank <0.0005
Standard name DMR-0476-2017-22-Eu
Result 1.933
Accuracy 97.1%
Limit 1.59 - 2.39

Dissolved Vanadium mg/L Blank <0.0005
Standard name C00-046-705_X_1000
Result 0.0914
Accuracy 91.4%
Limit 0.0800 - 0.1200

Zinc (Zn) mg/L Blank <0.001
Standard name DMR-0476-2017-22-Eu
Result 4.83
Accuracy 94.1%

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Additional information

Lab number: V-68063

Sample name: KIA-NP2-West

Sampling location: NP2

Sampling date: September 13, 2017

Sampling hour: 15:00

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-CL-2.0	MA.300-Ions 1.3
M-COUL-1.0	MA.103-Col. 2.0
M-CN-1.0	MA.300-CN 1.2
M-CI-1.0	MA.300-Anions 1.0
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-P-2.0	MA.303-P 1.1
M-SULF-2.0	MA.300-Ions 1.3
M-TURB-1.0	MA.103-Tur. 1.0

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-68067

Sampling location: SP

Sampling date: September 13, 2017

Sample name: KIA-SPL

Sampling hour: 11:00

Sampled by: MT

Date received: September 15, 2017

Matrix: Water

Drinking water distribution:

Reported on: October 11, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Lab number: V-68067

Sample name: KIA-SPL

Sampling location: SP

Sampling date: September 13, 2017

Sampling hour: 11:00

Parameter	Result	Method name	Analysis date
Alkalinity	14 mg CaCO ₃ /L	M-TIT-1.0	September 15, 2017
Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Antimony (Sb)	<0.0001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Antimony (Sb)	<0.0001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	<0.05 mg N/L	Sous-traitance\H2Lab inc. (SAM)	September 19, 2017
Kjeldahl nitrogen	<0.70 mg N/L	Sous-traitance\H2Lab inc. (SAM)	September 27, 2017
Barium (Ba)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Barium (Ba)	0.0025 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
bicarbonate (HCO ₃)	14 mg CaCO ₃ /L	M-TIT-1.0	September 15, 2017
Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Bromides	<0.01 mg/L	Sous-traitance\Multilab Direct	October 03, 2017
Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Calcium (Ca)	3.18 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Carbonate (CO ₃)	<2 mg CaCO ₃ /L	M-TIT-1.0	September 15, 2017
Dissolved Organic Carbon (D.O.C.)	2.3 mg/L	M-COT-1.0	September 15, 2017
Total Organic Carbon (T.O.C.)	2.5 mg/L	M-COT-1.0	September 15, 2017
Chlorophyll A	0.96 µg/L	Sous-traitance\H2Lab inc. (SAM)	October 03, 2017
Chloride	1.1 mg/L	Sous-traitance\Multilab Direct	September 22, 2017
Chrome (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Chromium (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Cobalt (Co)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Cobalt (Co)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Conductivity	45 µmhos/cm	M-TIT-1.0	September 15, 2017
Colour	3 Colour units	Sous-traitance\Multilab Direct	September 20, 2017
Copper (Cu)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Copper (Cu)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Cyanide W.A.D.	0.001 mg/L	Sous-traitance\Multilab Direct	September 22, 2017
Total Cyanide (CNT)	0.002 mg/L	Sous-traitance\Multilab Direct	September 22, 2017
Hardness	12 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	September 29, 2017
Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
dissolved Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017

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Analytical Report

Lab number: V-68067

Sample name: KIA-SPL

Sampling location: SP

Sampling date: September 13, 2017

Sampling hour: 11:00

Parameter	Result	Method name	Analysis date
Iron (Fe)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Iron (Fe)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Fluoride (F)	0.08 mg/L	Sous-traitance\Multilab Direct	October 28, 2017
Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	October 03, 2017
Dissolved Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	October 03, 2017
Total Suspended Solids	4 mg/L	M-SOLI-1.0	September 18, 2017
Magnesium (Mg)	1.21 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Magnesium (Mg)	1.11 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Manganese (Mn)	0.0020 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Manganese (Mn)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Dissolved Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Molybdenum (Mo)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Molybdenum (Mo)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Ammonia NH3 (non-ionized)	<0.01 mg N/L	Sous-traitance\H2Lab inc. (SAM)	September 29, 2017
Nickel (Ni)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Nickel (Ni)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Nitrate (NO3)	<0.01 mg N/L	Sous-traitance\Multilab Direct	September 20, 2017
Nitrite (NO2)	<0.01 mg N/L	Sous-traitance\Multilab Direct	September 20, 2017
Ortho-Phosphate (O-PO4)	<0.01 mg P/L	Sous-traitance\Multilab Direct	September 21, 2017
Dissolved oxygen	10.1 mg/L	Sous-traitance\Multilab Direct	September 19, 2017
pH	7.44	M-TIT-1.0	September 15, 2017
Total Phosphorus (P)	<0.04 mg P/L	Sous-traitance\H2Lab inc. (SAM)	September 18, 2017
Total Phosphorus (P) (Trace)	3.2 µg P/L	Sous-traitance\H2Lab inc. (SAM)	September 21, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Potassium (K)	0.45 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Selenium (Se)	0.001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Reactive silica (SiO2)	0.25 mg/L	Sous-traitance\Maxxam	September 25, 2017
Sodium (Na)	0.79 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Solids	30 mg/L	M-TIT-1.0	September 15, 2017
Strontium (Sr)	0.015 mg/L	Sous-traitance\Multilab Direct	October 03, 2017
dissolved Strontium (Sr)	0.015 mg/L	Sous-traitance\Multilab Direct	October 03, 2017
Sulfate (SO4)	6.4 mg SO4/L	Sous-traitance\Multilab Direct	September 20, 2017
Tellurium (Te)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	October 03, 2017
Dissolved thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	October 03, 2017
Thiocyanate (SCN)	0.17 mg SCN/L	Sous-traitance\Multilab Direct	September 21, 2017
Thiosulfates (S2O3)	<0.02 mg S2O3/L	Sous-traitance\Multilab Direct	September 22, 2017

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Analytical Report

Lab number: V-68067

Sample name: KIA-SPL

Sampling location: SP

Sampling date: September 13, 2017

Sampling hour: 11:00

Parameter	Result	Method name	Analysis date
Titanium (Ti)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved titanium (Ti)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Turbidity	0.71 NTU	Sous-traitance\Multilab Direct	September 19, 2017
Uranium (U)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Uranium (U)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Vanadium (V)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Vanadium	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Zinc (Zn)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Zinc	<0.001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017

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Detection limit

Lab number: V-68067

Sample name: KIA-SPL

Sampling location: SP

Sampling date: September 13, 2017

Sampling hour: 11:00

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO ₃ /L	M-TIT-1.0	
Aluminium (Al)	0.003	mg/L	Sous-traitance	
Dissolved Aluminium (Al)	0.003	mg/L	Sous-traitance	
Antimony (Sb)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Antimony (Sb)	0.0001	mg/L	Sous-traitance	
Silver (Ag)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Silver (Ag)	0.0001	mg/L	Sous-traitance	
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Arsenic (As)	0.0005	mg/L	Sous-traitance	
Kjeldahl nitrogen	0.05	mg N/L	Sous-traitance	
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Barium (Ba)	0.0005	mg/L	Sous-traitance	
Beryllium (Be)	0.0005	mg/L	Sous-traitance	
Dissolved Beryllium (Be)	0.0005	mg/L	Sous-traitance	
bicarbonate (HCO ₃)	2	mg CaCO ₃ /L	M-TIT-1.0	
Boron (B)	0.01	mg/L	Sous-traitance	Yes
Dissolved Boron (B)	0.006	mg/L	Sous-traitance	
Bromides	0.01	mg/L	Sous-traitance	
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Dissolved Cadmium (Cd)	0.00002	mg/L	Sous-traitance	
Calcium (Ca)	0.03	mg/L	Sous-traitance	Yes
Carbonate (CO ₃)	2	mg CaCO ₃ /L	M-TIT-1.0	
Dissolved Organic Carbon (D.O.C.)	0.2	mg/L	M-COT-1.0	--
Total Organic Carbon (T.O.C.)	0.2	mg/L	M-COT-1.0	Yes
Chlorophyll A	0.04	µg/L	Sous-traitance	
Chloride	0.5	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Dissolved Chromium (Cr)	0.0006	mg/L	Sous-traitance	
Cobalt (Co)	0.0005	mg/L	Sous-traitance	
Dissolved Cobalt (Co)	0.0005	mg/L	Sous-traitance	
Conductivity	1	µmhos/cm	M-TIT-1.0	Yes
Colour	1	UCV	Sous-traitance	Yes
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Copper (Cu)	0.0005	mg/L	Sous-traitance	
Cyanide W.A.D.	0.001	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO ₃ /L	Sous-traitance	
Tin (Sn)	0.001	mg/L	Sous-traitance	Yes
dissolved Tin (Sn)	0.001	mg/L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes

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Detection limit

Lab number: V-68067

Sample name: KIA-SPL

Sampling location: SP

Sampling date: September 13, 2017

Sampling hour: 11:00

Parameter	Value	Unit	Method	Accreditation
Dissolved Iron (Fe)	0.01	mg/L	Sous-traitance	
Fluoride (F)	0.01	mg/L	Sous-traitance	Yes
Lithium (Li)	0.005	mg/L	Sous-traitance	
Dissolved Lithium (Li)	0.005	mg/L	Sous-traitance	
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Magnesium (Mg)	0.02	mg/L	Sous-traitance	Yes
Dissolved Magnesium (Mg)	0.02	mg/L	Sous-traitance	
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Manganese (Mn)	0.0003	mg/L	Sous-traitance	
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Dissolved Mercury (Hg)	0.00001	mg/L	Sous-traitance	
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Nickel (Ni)	0.0005	mg/L	Sous-traitance	
Nitrate (NO3)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO2)	0.01	mg N/L	Sous-traitance	Yes
Ortho-Phosphate (O-PO4)	0.01	mg P/L	Sous-traitance	Yes
Dissolved oxygen	0.1	mg/L	Sous-traitance	
pH			M-TIT-1.0	Yes
Total Phosphorus (P)	0.04	mg P/L	Sous-traitance	
Total Phosphorus (P) (Trace)	1.9	µg P/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Dissolved Lead (Pb)	0.0003	mg/L	Sous-traitance	
Potassium (K)	0.05	mg/L	Sous-traitance	
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Dissolved Selenium (Se)	0.001	mg/L	Sous-traitance	
Reactive silica (SiO2)		mg/L	Sous-traitance	
Sodium (Na)	0.05	mg/L	Sous-traitance	Yes
Dissolved Solids	1	mg/L	M-TIT-1.0	
Strontium (Sr)	0.005	mg/L	Sous-traitance	
dissolved Strontium (Sr)	0.005	mg/L	Sous-traitance	
Sulfate (SO4)	0.6	mg SO4/L	Sous-traitance	Yes
Tellurium (Te)	0.0005	mg/L	Sous-traitance	
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Dissolved thallium (Tl)	0.0008	mg/L	Sous-traitance	
Thiocyanate (SCN)	0.05	mg SCN/L	Sous-traitance	Yes
Thiosulfates (S2O3)	0.02	mg S2O3/L	Sous-traitance	Yes
Titanium (Ti)	0.01	mg/L	Sous-traitance	
Dissolved titanium (Ti)	0.01	mg/L	Sous-traitance	

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Detection limit

Lab number: V-68067

Sample name: KIA-SPL

Sampling date: September 13, 2017

Sampling location: SP

Sampling hour: 11:00

Parameter	Value	Unit	Method	Accreditation
Turbidity	0.02	UTN	Sous-traitance	Yes
Uranium (U)	0.001	mg/L	Sous-traitance	
Dissolved Uranium (U)	0.001	mg/L	Sous-traitance	
Vanadium (V)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Vanadium	0.0005	mg/L	Sous-traitance	
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes
Dissolved Zinc	0.001	mg/L	Sous-traitance	

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Quality control Report

Lab number: V-68067

Sample name: KIA-SPL

Sampling location: SP

Sampling date: September 13, 2017

Sampling hour: 11:00

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 147 Accuracy 98.6% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006
	Standard name DMR-0476-2017-22-Eu Result 5.33 Accuracy 85% Limit 5.02 - 7.52
Dissolved Aluminium (Al) mg/L	Blank <0.006
	Standard name DMR-0476-2017-22-Eu Result 5.66 Accuracy 90.3% Limit 5.02 - 7.52
Antimony (Sb) mg/L	Blank <0.0001
	Standard name DMR-0476-2017-22-Eu Result 0.2168 Accuracy 97.7% Limit 0.178 - 0.266
Dissolved Antimony (Sb) mg/L	Blank <0.0001
	Standard name C00-046-705_X_1000 Result 0.0117 Accuracy 83% Limit 0.0080 - 0.0120
Silver (Ag) mg/L	Blank <0.0001
Dissolved Silver (Ag) mg/L	Blank <0.0001
Arsenic (As) mg/L	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu Result 0.2691 Accuracy 94.8% Limit 0.199 - 0.369
Dissolved Arsenic (As) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000 Result 0.0879 Accuracy 87.9% Limit 0.0800 - 0.1200
Barium (Ba) mg/L	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu Result 2.784 Accuracy 85.4%

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Quality control Report

Lab number: V-68067

Sample name: KIA-SPL

Sampling location: SP

Sampling date: September 13, 2017

Sampling hour: 11:00

Parameter	
Dissolved Barium (Ba) mg/L	Limit 1.94 - 2.92
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1092
	Accuracy 90.8%
Beryllium (Be) mg/L	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu
	Result 1.497
	Accuracy 88.1%
Dissolved Beryllium (Be) mg/L	Limit 1.36 - 2.04
	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu
	Result 1.540
	Accuracy 90.6%
Boron (B) mg/L	Limit 1.36 - 2.04
	Blank <0.01
	Standard name DMR-0476-2017-22-Eu
	Result 2.80
	Accuracy 97.2%
Dissolved Boron (B) mg/L	Limit 2.30 - 3.46
	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 0.84
	Accuracy 84%
Bromides mg/L	Limit 0.800 - 1.200
	Blank <0.01
	Standard name DMR-0119-2017-Br
	Result 4.97
	Accuracy 88.3%
Cadmium (Cd) mg/L	Limit 4.50 - 6.76
	Blank <0.00002
	Standard name DMR-0476-2017-22-Eu
	Result 0.97801
	Accuracy 91.5%
Dissolved Cadmium (Cd) mg/L	Limit 0.721 - 1.081
	Blank <0.00002
	Standard name C00-046-705_X_1000
	Result 0.10208
	Accuracy 97.9%

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Quality control Report

Lab number: V-68067

Sample name: KIA-SPL

Sampling location: SP

Sampling date: September 13, 2017

Sampling hour: 11:00

Parameter	
Calcium (Ca) mg/L	Limit 0.0800 - 0.1200 Standard name C00-046-705_X_1000 Result 0.87 Accuracy 87%
Dissolved Organic Carbon (D.O.C.) mg/L	Limit 0.800 - 1.200 Blank <0.2 Standard name COD 10mg/L Result 10 Accuracy 100%
Total Organic Carbon (T.O.C.) mg/L	Limit 8 - 12 Blank <0.2 Standard name COT 10mg/L Result 10 Accuracy 100%
Chloride mg/L	Limit 8 - 12 Blank <0.5 Standard name DMR-0476-2017-13-CL Result 112 Accuracy 96.3%
Chrome (Cr) mg/L	Limit 95 - 121 Blank <0.0006 Standard name DMR-0476-2017-22-Eu Result 3.991 Accuracy 98.5%
Dissolved Chromium (Cr) mg/L	Limit 3.24 - 4.86 Blank <0.0006 Standard name C00-046-705_X_1000 Result 0.0925 Accuracy 92.5%
Cobalt (Co) mg/L	Limit 0.0800 - 0.1200 Blank <0.0005 Standard name DMR-0476-2017-22-Eu Result 1.588 Accuracy 98.2%
Dissolved Cobalt (Co) mg/L	Limit 1.25 - 1.87 Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0953 Accuracy 95.3%

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Quality control Report

Lab number: V-68067

Sample name: KIA-SPL

Sampling location: SP

Sampling date: September 13, 2017

Sampling hour: 11:00

Parameter	
Conductivity µmhos/cm	Standard name STD cond maison Result 1407 Accuracy 99.4% Limit 1203 - 1627
Colour UCV	Blank <1
	Standard name DMR-0417-2017-Coul Result 100 Accuracy 85.1% Limit 67 - 107
Copper (Cu) mg/L	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu Result 1.344 Accuracy 95% Limit 1.02 - 1.54
Dissolved Copper (Cu) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000 Result 0.0928 Accuracy 92.8% Limit 0.0800 - 0.1200
Cyanide W.A.D. mg/L	Blank <0.001
	Standard name DMR-0343-CN Result 0.835 Accuracy 94.6% Limit 0.751 - 1.015
Total Cyanide (CNT) mg/L	Blank <0.001
	Standard name DMR-0343-CN Result 1.17 Accuracy 99.2% Limit 1.003 - 1.357
Tin (Sn) mg/L	Blank <0.001
dissolved Tin (Sn) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000 Result 0.104 Accuracy 96% Limit 0.0700 - 0.1300
Iron (Fe) mg/L	Blank <0.01
	Standard name DMR-0476-2017-22-Eu Result 11.8 Accuracy 96.5% Limit 9.1 - 13.7

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Quality control Report

Lab number: V-68067

Sample name: KIA-SPL

Sampling location: SP

Sampling date: September 13, 2017

Sampling hour: 11:00

Parameter	
Dissolved Iron (Fe) mg/L	Blank <0.01 Standard name C00-046-705_X_1000 Result 0.95 Accuracy 95% Limit 0.800 - 1.200
Fluoride (F) mg/L	Blank <0.02 Standard name Controle maison 2 ppm F Result 1.93 Accuracy 96.5% Limit 1.85 - 2.15
Lithium (Li) mg/L	Blank <0.005
Dissolved Lithium (Li) mg/L	Blank <0.005
Total Suspended Solids mg/L	Blank <1 Standard name STD-MES 25mg/L Result 26 Accuracy 96% Limit 19 - 31
Magnesium (Mg) mg/L	Blank <0.02 Standard name DMR-0476-2017-22-Eu Result 7.00 Accuracy 88.5% Limit 6.33 - 9.49
Dissolved Magnesium (Mg) mg/L	Blank <0.02 Standard name C00-046-705_X_1000 Result 0.83 Accuracy 83% Limit 0.800 - 1.200
Manganese (Mn) mg/L	Blank <0.0005 Standard name DMR-0476-2017-22-Eu Result 4.264 Accuracy 90.7% Limit 3.12 - 4.68
Dissolved Manganese (Mn) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1052 Accuracy 94.8% Limit 0.0800 - 0.1200
Mercury (Hg) mg/L	Blank <0.00001 Standard name DMR-0426-2016-HgEu-1 Result 0.00334

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Quality control Report

Lab number: V-68067

Sample name: KIA-SPL

Sampling location: SP

Sampling date: September 13, 2017

Sampling hour: 11:00

Parameter		
Dissolved Mercury (Hg) mg/L	Accuracy 77.7%	
	Limit 0.0026 - 0.0060	
	Blank <0.00001	
	Standard name DMR-0426-2016-HgEu-1	
	Result 0.00299	
Molybdenum (Mo) mg/L	Accuracy 69.5%	
	Limit 0.0026 - 0.0060	
	Blank <0.0005	
	Standard name DMR-0476-2017-22-Eu	
	Result 0.7125	
Dissolved Molybdenum (Mo) mg/	Accuracy 99.4%	
	Limit 0.566 - 0.850	
	Blank <0.0005	
	Standard name C00-046-705_X_1000	
	Result 0.1016	
Nickel (Ni) mg/L	Accuracy 98.4%	
	Limit 0.0800 - 0.1200	
	Blank <0.0005	
	Standard name DMR-0476-2017-22-Eu	
	Result 1.095	
Dissolved Nickel (Ni) mg/L	Accuracy 96.1%	
	Limit 0.91 - 1.37	
	Blank <0.0005	
	Standard name C00-046-705_X_1000	
	Result 0.0915	
Nitrate (NO3) mg N/L	Accuracy 91.5%	
	Limit 0.0800 - 0.1200	
	Blank <0.01	
	Nitrite (NO2) mg N/L	Blank <0.01
		Standard name DMR-0417-2017-NO2
	Result 2.65	
Ortho-Phosphate (O-PO4) mg P/	Accuracy 97.8%	
	Limit 2.30 - 3.12	
	Blank <0.01	
	Standard name DMR-0417-2017-OPO4	
	Result 3.28	
pH	Accuracy 97.2%	
	Limit 2.81 - 3.57	
	Standard name STD pH 7.0	
	Result 7.03	

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Quality control Report

Lab number: V-68067

Sample name: KIA-SPL

Sampling location: SP

Sampling date: September 13, 2017

Sampling hour: 11:00

Parameter	
Lead (Pb) mg/L	Accuracy 99.6%
	Limit 6.96 - 7.04
	Blank <0.0003
	Standard name DMR-0476-2017-22-Eu
	Result 0.9364
Dissolved Lead (Pb) mg/L	Accuracy 96.3%
	Limit 0.722 - 1.084
	Blank <0.0003
	Standard name C00-046-705_X_1000
	Result 0.0986
Potassium (K) mg/L	Accuracy 98.6%
	Limit 0.0800 - 0.1200
	Standard name C00-046-705_X_1000
	Result 0.93
	Accuracy 93%
Selenium (Se) mg/L	Limit 0.800 - 1.200
	Blank <0.001
	Standard name DMR-0476-2017-22-Eu
	Result 1.48
	Accuracy 90.4%
Dissolved Selenium (Se) mg/L	Limit 1.08 - 1.62
	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.101
	Accuracy 99%
Strontium (Sr) mg/L	Limit 0.0800 - 0.1200
	Blank <0.005
	dissolved Strontium (Sr) mg/L
	Blank <0.005
	Sulfate (SO4) mg SO4/L
Tellurium (Te) mg/L	Blank <0.6
	Standard name DMR-0417-2017-SO4
	Result 125
	Accuracy 98.4%
	Limit 114 - 132
Thallium (Tl) mg/L	Standard name C00-046-705_X_1000
	Result 0.0877
	Accuracy 87.7%
	Limit 0.0800 - 0.1200
	Blank <0.0008
Thallium (Tl) mg/L	Standard name TI-S140909023-1000ppm
	Result 838

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Quality control Report

Lab number: V-68067

Sample name: KIA-SPL

Sampling location: SP

Sampling date: September 13, 2017

Sampling hour: 11:00

Parameter		
Dissolved thallium (Tl) mg/L	Accuracy 83.8%	
	Limit 800 - 1200	
	Blank <0.0008	
	Standard name Tl-S140909023-1000ppm	
	Result 838	
Thiocyanate (SCN) mg SCN/L	Accuracy 83.8%	
	Limit 800 - 1200	
	Blank <0.05	
	Standard name STD SCN 568ppm	
	Result 594	
Thiosulfates (S ₂ O ₃) mg S ₂ O ₃ /L	Accuracy 95.4%	
	Limit 398 - 738	
	Blank <0.02	
	Standard name S ₂ O ₃ -225ppm	
	Result 270	
Titanium (Ti) mg/L	Accuracy 80%	
	Limit 158 - 293	
	Blank <0.01	
	Dissolved titanium (Ti) mg/L	Blank <0.01
		Standard name DMR-0417-2017-Turb
Turbidity UTN	Result 5.38	
	Accuracy 96.3%	
Uranium (U) mg/L	Limit 4.41 - 5.97	
	Blank <0.001	
	Standard name DMR-0476-2017-22-Eu	
	Result 2.01	
	Accuracy 85.8%	
Dissolved Uranium (U) mg/L	Limit 1.41 - 2.11	
	Blank <0.001	
	Standard name C00-046-705_X_1000	
	Result 0.112	
	Accuracy 88%	
Vanadium (V) mg/L	Limit 0.0800 - 0.1200	
	Blank <0.0005	
	Standard name DMR-0476-2017-22-Eu	
	Result 1.933	
	Accuracy 97.1%	
Dissolved Vanadium mg/L	Limit 1.59 - 2.39	
	Blank <0.0005	
	Standard name C00-046-705_X_1000	

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Quality control Report

Lab number: V-68067

Sample name: KIA-SPL

Sampling location: SP

Sampling date: September 13, 2017

Sampling hour: 11:00

Parameter	
Zinc (Zn) mg/L	Result 0.0914
	Accuracy 91.4%
	Limit 0.0800 - 0.1200
	Blank <0.001
	Standard name DMR-0476-2017-22-Eu
Dissolved Zinc mg/L	Result 4.83
	Accuracy 94.1%
	Limit 3.65 - 5.47
	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.101
	Accuracy 99%
	Limit 0.0800 - 0.1200

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Additional information

Lab number: V-68067
Sample name: KIA-SPL
Sampling location: SP

Sampling date: September 13, 2017
Sampling hour: 11:00

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-CL-2.0	MA.300-Ions 1.3
M-COUL-1.0	MA.103-Col. 2.0
M-CN-1.0	MA.300-CN 1.2
M-CI-1.0	MA.300-Anions 1.0
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-P-2.0	MA.303-P 1.1
M-SULF-2.0	MA.300-Ions 1.3
M-TURB-1.0	MA.103-Tur. 1.0

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-68068

Sampling location: ST-16

Sampling date: September 13, 2017

Sample name: KIA-ST-16

Sampling hour: 15:00

Sampled by: MT

Date received: September 15, 2017

Matrix: Water

Drinking water distribution:

Reported on: October 11, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

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Analytical Report

Lab number: V-68068

Sample name: KIA-ST-16

Sampling location: ST-16

Sampling date: September 13, 2017

Sampling hour: 15:00

Parameter	Result	Method name	Analysis date
Alkalinity	100 mg CaCO ₃ /L	M-TIT-1.0	September 15, 2017
Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Antimony (Sb)	0.0003 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Antimony (Sb)	0.0003 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	<0.05 mg N/L	Sous-traitance\H2Lab inc. (SAM)	September 19, 2017
Kjeldahl nitrogen	1.7 mg N/L	Sous-traitance\H2Lab inc. (SAM)	September 27, 2017
Barium (Ba)	0.0196 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Barium (Ba)	0.0217 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
bicarbonate (HCO ₃)	100 mg CaCO ₃ /L	M-TIT-1.0	September 15, 2017
Boron (B)	0.01 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Boron (B)	0.01 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Bromides	0.11 mg/L	Sous-traitance\Multilab Direct	October 03, 2017
Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Calcium (Ca)	39.9 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Carbonate (CO ₃)	<2 mg CaCO ₃ /L	M-TIT-1.0	September 15, 2017
Dissolved Organic Carbon (D.O.C.)	9.0 mg/L	M-COT-1.0	September 15, 2017
Total Organic Carbon (T.O.C.)	9.1 mg/L	M-COT-1.0	September 15, 2017
Chlorophyll A	0.27 µg/L	Sous-traitance\H2Lab inc. (SAM)	October 03, 2017
Chloride	9.2 mg/L	Sous-traitance\Multilab Direct	September 22, 2017
Chrome (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Chromium (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Cobalt (Co)	0.0014 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Cobalt (Co)	0.0014 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Conductivity	590 µmhos/cm	M-TIT-1.0	September 15, 2017
Colour	15 Colour units	Sous-traitance\Multilab Direct	September 20, 2017
Copper (Cu)	0.0122 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Copper (Cu)	0.0102 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Cyanide W.A.D.	0.001 mg/L	Sous-traitance\Multilab Direct	September 22, 2017
Total Cyanide (CNT)	0.004 mg/L	Sous-traitance\Multilab Direct	September 22, 2017
Hardness	185 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	September 29, 2017
Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
dissolved Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017

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Analytical Report

Lab number: V-68068

Sample name: KIA-ST-16

Sampling location: ST-16

Sampling date: September 13, 2017

Sampling hour: 15:00

Parameter	Result	Method name	Analysis date
Iron (Fe)	0.18 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Iron (Fe)	0.07 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Fluoride (F)	0.25 mg/L	Sous-traitance\Multilab Direct	October 28, 2017
Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	October 03, 2017
Dissolved Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	October 03, 2017
Total Suspended Solids	10 mg/L	M-SOLI-1.0	September 18, 2017
Magnesium (Mg)	22.2 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Magnesium (Mg)	21.6 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Manganese (Mn)	0.0679 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Manganese (Mn)	0.0650 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Dissolved Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Molybdenum (Mo)	0.0102 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Molybdenum (Mo)	0.0102 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Ammonia NH3 (non-ionized)	<0.01 mg N/L	Sous-traitance\H2Lab inc. (SAM)	September 29, 2017
Nickel (Ni)	0.0184 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Nickel (Ni)	0.0180 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Nitrate (NO3)	8.38 mg N/L	Sous-traitance\Multilab Direct	September 20, 2017
Nitrite (NO2)	<0.01 mg N/L	Sous-traitance\Multilab Direct	September 20, 2017
Ortho-Phosphate (O-PO4)	<0.01 mg P/L	Sous-traitance\Multilab Direct	September 21, 2017
Dissolved oxygen	10.6 mg/L	Sous-traitance\Multilab Direct	September 19, 2017
pH	7.92	M-TIT-1.0	September 15, 2017
Total Phosphorus (P)	<0.04 mg P/L	Sous-traitance\H2Lab inc. (SAM)	September 18, 2017
Total Phosphorus (P) (Trace)	10 µg P/L	Sous-traitance\H2Lab inc. (SAM)	September 21, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Potassium (K)	7.58 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Selenium (Se)	0.001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Selenium (Se)	0.001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Reactive silica (SiO2)	4.7 mg/L	Sous-traitance\Maxxam	September 25, 2017
Sodium (Na)	14.7 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Solids	393 mg/L	M-TIT-1.0	September 15, 2017
Strontium (Sr)	0.194 mg/L	Sous-traitance\Multilab Direct	October 03, 2017
dissolved Strontium (Sr)	0.188 mg/L	Sous-traitance\Multilab Direct	October 03, 2017
Sulfate (SO4)	157 mg SO4/L	Sous-traitance\Multilab Direct	September 20, 2017
Tellurium (Te)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	October 03, 2017
Dissolved thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	October 03, 2017
Thiocyanate (SCN)	0.23 mg SCN/L	Sous-traitance\Multilab Direct	September 21, 2017
Thiosulfates (S2O3)	<0.02 mg S2O3/L	Sous-traitance\Multilab Direct	September 22, 2017

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Analytical Report

Lab number: V-68068

Sample name: KIA-ST-16

Sampling location: ST-16

Sampling date: September 13, 2017

Sampling hour: 15:00

Parameter	Result	Method name	Analysis date
Titanium (Ti)	0.05 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved titanium (Ti)	0.05 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Turbidity	1.79 NTU	Sous-traitance\Multilab Direct	September 19, 2017
Uranium (U)	0.010 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Uranium (U)	0.010 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Vanadium (V)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Vanadium	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Zinc (Zn)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Zinc	<0.001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017

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Detection limit

Lab number: V-68068

Sample name: KIA-ST-16

Sampling date: September 13, 2017

Sampling location: ST-16

Sampling hour: 15:00

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO3/L	M-TIT-1.0	
Aluminium (Al)	0.003	mg/L	Sous-traitance	
Dissolved Aluminium (Al)	0.003	mg/L	Sous-traitance	
Antimony (Sb)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Antimony (Sb)	0.0001	mg/L	Sous-traitance	
Silver (Ag)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Silver (Ag)	0.0001	mg/L	Sous-traitance	
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Arsenic (As)	0.0005	mg/L	Sous-traitance	
Kjeldahl nitrogen	0.05	mg N/L	Sous-traitance	
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Barium (Ba)	0.0005	mg/L	Sous-traitance	
Beryllium (Be)	0.0005	mg/L	Sous-traitance	
Dissolved Beryllium (Be)	0.0005	mg/L	Sous-traitance	
bicarbonate (HCO3)	2	mg CaCO3/L	M-TIT-1.0	
Boron (B)	0.01	mg/L	Sous-traitance	Yes
Dissolved Boron (B)	0.006	mg/L	Sous-traitance	
Bromides	0.01	mg/L	Sous-traitance	
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Dissolved Cadmium (Cd)	0.00002	mg/L	Sous-traitance	
Calcium (Ca)	0.03	mg/L	Sous-traitance	Yes
Carbonate (CO3)	2	mg CaCO3/L	M-TIT-1.0	
Dissolved Organic Carbon (D.O.C.)	0.2	mg/L	M-COT-1.0	--
Total Organic Carbon (T.O.C.)	0.2	mg/L	M-COT-1.0	Yes
Chlorophyll A	0.04	µg/L	Sous-traitance	
Chloride	0.5	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Dissolved Chromium (Cr)	0.0006	mg/L	Sous-traitance	
Cobalt (Co)	0.0005	mg/L	Sous-traitance	
Dissolved Cobalt (Co)	0.0005	mg/L	Sous-traitance	
Conductivity	1	µmhos/cm	M-TIT-1.0	Yes
Colour	1	UCV	Sous-traitance	Yes
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Copper (Cu)	0.0005	mg/L	Sous-traitance	
Cyanide W.A.D.	0.001	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO3/L	Sous-traitance	
Tin (Sn)	0.001	mg/L	Sous-traitance	Yes
dissolved Tin (Sn)	0.001	mg/L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes

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Detection limit

Lab number: V-68068

Sample name: KIA-ST-16

Sampling location: ST-16

Sampling date: September 13, 2017

Sampling hour: 15:00

Parameter	Value	Unit	Method	Accreditation
Dissolved Iron (Fe)	0.01	mg/L	Sous-traitance	
Fluoride (F)	0.01	mg/L	Sous-traitance	Yes
Lithium (Li)	0.005	mg/L	Sous-traitance	
Dissolved Lithium (Li)	0.005	mg/L	Sous-traitance	
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Magnesium (Mg)	0.02	mg/L	Sous-traitance	Yes
Dissolved Magnesium (Mg)	0.02	mg/L	Sous-traitance	
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Manganese (Mn)	0.0003	mg/L	Sous-traitance	
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Dissolved Mercury (Hg)	0.00001	mg/L	Sous-traitance	
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Nickel (Ni)	0.0005	mg/L	Sous-traitance	
Nitrate (NO3)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO2)	0.01	mg N/L	Sous-traitance	Yes
Ortho-Phosphate (O-PO4)	0.01	mg P/L	Sous-traitance	Yes
Dissolved oxygen	0.1	mg/L	Sous-traitance	
pH			M-TIT-1.0	Yes
Total Phosphorus (P)	0.04	mg P/L	Sous-traitance	
Total Phosphorus (P) (Trace)	1.9	µg P/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Dissolved Lead (Pb)	0.0003	mg/L	Sous-traitance	
Potassium (K)	0.05	mg/L	Sous-traitance	
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Dissolved Selenium (Se)	0.001	mg/L	Sous-traitance	
Reactive silica (SiO2)		mg/L	Sous-traitance	
Sodium (Na)	0.05	mg/L	Sous-traitance	Yes
Dissolved Solids	1	mg/L	M-TIT-1.0	
Strontium (Sr)	0.005	mg/L	Sous-traitance	
dissolved Strontium (Sr)	0.005	mg/L	Sous-traitance	
Sulfate (SO4)	0.6	mg SO4/L	Sous-traitance	Yes
Tellurium (Te)	0.0005	mg/L	Sous-traitance	
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Dissolved thallium (Tl)	0.0008	mg/L	Sous-traitance	
Thiocyanate (SCN)	0.05	mg SCN/L	Sous-traitance	Yes
Thiosulfates (S2O3)	0.02	mg S2O3/L	Sous-traitance	Yes
Titanium (Ti)	0.01	mg/L	Sous-traitance	
Dissolved titanium (Ti)	0.01	mg/L	Sous-traitance	

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Detection limit

Lab number: V-68068

Sample name: KIA-ST-16

Sampling date: September 13, 2017

Sampling location: ST-16

Sampling hour: 15:00

Parameter	Value	Unit	Method	Accreditation
Turbidity	0.02	UTN	Sous-traitance	Yes
Uranium (U)	0.001	mg/L	Sous-traitance	
Dissolved Uranium (U)	0.001	mg/L	Sous-traitance	
Vanadium (V)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Vanadium	0.0005	mg/L	Sous-traitance	
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes
Dissolved Zinc	0.001	mg/L	Sous-traitance	

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Quality control Report

Lab number: V-68068

Sample name: KIA-ST-16

Sampling location: ST-16

Sampling date: September 13, 2017

Sampling hour: 15:00

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 147 Accuracy 98.6% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006
	Standard name DMR-0476-2017-22-Eu Result 5.33 Accuracy 85% Limit 5.02 - 7.52
Dissolved Aluminium (Al) mg/L	Blank <0.006
	Standard name DMR-0476-2017-22-Eu Result 5.66 Accuracy 90.3% Limit 5.02 - 7.52
Antimony (Sb) mg/L	Blank <0.0001
	Standard name DMR-0476-2017-22-Eu Result 0.2168 Accuracy 97.7% Limit 0.178 - 0.266
Dissolved Antimony (Sb) mg/L	Blank <0.0001
	Standard name C00-046-705_X_1000 Result 0.0117 Accuracy 83% Limit 0.0080 - 0.0120
Silver (Ag) mg/L	Blank <0.0001
Dissolved Silver (Ag) mg/L	Blank <0.0001
Arsenic (As) mg/L	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu Result 0.2691 Accuracy 94.8% Limit 0.199 - 0.369
Dissolved Arsenic (As) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000 Result 0.0879 Accuracy 87.9% Limit 0.0800 - 0.1200
Barium (Ba) mg/L	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu Result 2.784 Accuracy 85.4%

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Quality control Report

Lab number: V-68068

Sample name: KIA-ST-16

Sampling location: ST-16

Sampling date: September 13, 2017

Sampling hour: 15:00

Parameter	
Dissolved Barium (Ba) mg/L	Limit 1.94 - 2.92
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1092
	Accuracy 90.8%
Beryllium (Be) mg/L	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu
	Result 1.497
	Accuracy 88.1%
Dissolved Beryllium (Be) mg/L	Limit 1.36 - 2.04
	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu
	Result 1.540
	Accuracy 90.6%
Boron (B) mg/L	Limit 1.36 - 2.04
	Blank <0.01
	Standard name DMR-0476-2017-22-Eu
	Result 2.80
	Accuracy 97.2%
Dissolved Boron (B) mg/L	Limit 2.30 - 3.46
	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 0.84
	Accuracy 84%
Bromides mg/L	Limit 0.800 - 1.200
	Blank <0.01
	Standard name DMR-0119-2017-Br
	Result 4.97
	Accuracy 88.3%
Cadmium (Cd) mg/L	Limit 4.50 - 6.76
	Blank <0.00002
	Standard name DMR-0476-2017-22-Eu
	Result 0.97801
	Accuracy 91.5%
Dissolved Cadmium (Cd) mg/L	Limit 0.721 - 1.081
	Blank <0.00002
	Standard name C00-046-705_X_1000
	Result 0.10208
	Accuracy 97.9%

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Quality control Report

Lab number: V-68068

Sample name: KIA-ST-16

Sampling location: ST-16

Sampling date: September 13, 2017

Sampling hour: 15:00

Parameter	
Calcium (Ca) mg/L	Limit 0.0800 - 0.1200 Standard name C00-046-705_X_1000 Result 0.87 Accuracy 87%
Dissolved Organic Carbon (D.O.C.) mg/L	Limit 0.800 - 1.200 Blank <0.2 Standard name COD 10mg/L Result 10 Accuracy 100%
Total Organic Carbon (T.O.C.) mg/L	Limit 8 - 12 Blank <0.2 Standard name COT 10mg/L Result 10 Accuracy 100%
Chloride mg/L	Limit 8 - 12 Blank <0.5 Standard name DMR-0476-2017-13-CL Result 112 Accuracy 96.3%
Chrome (Cr) mg/L	Limit 95 - 121 Sample duplicate 9.2-9.1 Blank <0.0006 Standard name DMR-0476-2017-22-Eu Result 3.991 Accuracy 98.5%
Dissolved Chromium (Cr) mg/L	Limit 3.24 - 4.86 Blank <0.0006 Standard name C00-046-705_X_1000 Result 0.0925 Accuracy 92.5%
Cobalt (Co) mg/L	Limit 0.0800 - 0.1200 Blank <0.0005 Standard name DMR-0476-2017-22-Eu Result 1.588 Accuracy 98.2%
Dissolved Cobalt (Co) mg/L	Limit 1.25 - 1.87 Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0953 Accuracy 95.3%

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Quality control Report

Lab number: V-68068

Sample name: KIA-ST-16

Sampling location: ST-16

Sampling date: September 13, 2017

Sampling hour: 15:00

Parameter	
Conductivity μ mhos/cm	Limit 0.0800 - 0.1200
	Standard name STD cond maison
	Result 1407
	Accuracy 99.4%
Colour UCV	Limit 1203 - 1627
	Blank <1
	Standard name DMR-0417-2017-Coul
	Result 100
Copper (Cu) mg/L	Accuracy 85.1%
	Limit 67 - 107
	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu
Dissolved Copper (Cu) mg/L	Result 1.344
	Accuracy 95%
	Limit 1.02 - 1.54
	Blank <0.0005
Cyanide W.A.D. mg/L	Standard name C00-046-705_X_1000
	Result 0.0928
	Accuracy 92.8%
	Limit 0.0800 - 0.1200
Total Cyanide (CNT) mg/L	Blank <0.001
	Standard name DMR-0343-CN
	Result 0.835
	Accuracy 94.6%
Tin (Sn) mg/L	Limit 0.751 - 1.015
	Blank <0.001
	Standard name DMR-0343-CN
	Result 1.17
dissolved Tin (Sn) mg/L	Accuracy 99.2%
	Limit 1.003 - 1.357
	Blank <0.001
	Standard name C00-046-705_X_1000
Iron (Fe) mg/L	Result 0.104
	Accuracy 96%
	Limit 0.0700 - 0.1300
	Blank <0.01
	Standard name DMR-0476-2017-22-Eu
	Result 11.8
	Accuracy 96.5%

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Quality control Report

Lab number: V-68068

Sample name: KIA-ST-16

Sampling location: ST-16

Sampling date: September 13, 2017

Sampling hour: 15:00

Parameter	
Dissolved Iron (Fe) mg/L	Limit 9.1 - 13.7 Blank <0.01 Standard name C00-046-705_X_1000 Result 0.95 Accuracy 95%
Fluoride (F) mg/L	Limit 0.800 - 1.200 Blank <0.02 Standard name Controle maison 2 ppm F Result 1.93 Accuracy 96.5%
Lithium (Li) mg/L	Limit 1.85 - 2.15 Blank <0.005
Dissolved Lithium (Li) mg/L	Blank <0.005
Total Suspended Solids mg/L	Blank <1 Standard name STD-MES 25mg/L Result 26 Accuracy 96%
Magnesium (Mg) mg/L	Limit 19 - 31 Sample duplicate 10-11 Blank <0.02 Standard name DMR-0476-2017-22-Eu Result 7.00 Accuracy 88.5%
Dissolved Magnesium (Mg) mg/L	Limit 6.33 - 9.49 Blank <0.02 Standard name C00-046-705_X_1000 Result 0.83 Accuracy 83%
Manganese (Mn) mg/L	Limit 0.800 - 1.200 Blank <0.0005 Standard name DMR-0476-2017-22-Eu Result 4.264 Accuracy 90.7%
Dissolved Manganese (Mn) mg/L	Limit 3.12 - 4.68 Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1052 Accuracy 94.8%
Mercury (Hg) mg/L	Limit 0.0800 - 0.1200 Blank <0.00001

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Quality control Report

Lab number: V-68068

Sample name: KIA-ST-16

Sampling location: ST-16

Sampling date: September 13, 2017

Sampling hour: 15:00

Parameter	
	Standard name DMR-0426-2016-HgEu-1
	Result 0.00334
	Accuracy 77.7%
	Limit 0.0026 - 0.0060
Dissolved Mercury (Hg) mg/L	Blank <0.00001
	Standard name DMR-0426-2016-HgEu-1
	Result 0.00299
	Accuracy 69.5%
	Limit 0.0026 - 0.0060
Molybdenum (Mo) mg/L	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu
	Result 0.7125
	Accuracy 99.4%
	Limit 0.566 - 0.850
Dissolved Molybdenum (Mo) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1016
	Accuracy 98.4%
	Limit 0.0800 - 0.1200
Nickel (Ni) mg/L	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu
	Result 1.095
	Accuracy 96.1%
	Limit 0.91 - 1.37
Dissolved Nickel (Ni) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0915
	Accuracy 91.5%
	Limit 0.0800 - 0.1200
Nitrate (NO ₃) mg N/L	Blank <0.01
Nitrite (NO ₂) mg N/L	Blank <0.01
	Standard name DMR-0417-2017-NO2
	Result 2.65
	Accuracy 97.8%
	Limit 2.30 - 3.12
Ortho-Phosphate (O-PO ₄) mg P/	Blank <0.01
	Standard name DMR-0417-2017-OPO4
	Result 3.28
	Accuracy 97.2%
	Limit 2.81 - 3.57

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Quality control Report

Lab number: V-68068

Sample name: KIA-ST-16

Sampling location: ST-16

Sampling date: September 13, 2017

Sampling hour: 15:00

Parameter	
pH	Standard name STD pH 7.0 Result 7.03 Accuracy 99.6% Limit 6.96 - 7.04
Lead (Pb) mg/L	Blank <0.0003
	Standard name DMR-0476-2017-22-Eu Result 0.9364 Accuracy 96.3% Limit 0.722 - 1.084
Dissolved Lead (Pb) mg/L	Blank <0.0003
	Standard name C00-046-705_X_1000 Result 0.0986 Accuracy 98.6% Limit 0.0800 - 0.1200
Potassium (K) mg/L	Standard name C00-046-705_X_1000 Result 0.93 Accuracy 93% Limit 0.800 - 1.200
Selenium (Se) mg/L	Blank <0.001
	Standard name DMR-0476-2017-22-Eu Result 1.48 Accuracy 90.4% Limit 1.08 - 1.62
Dissolved Selenium (Se) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000 Result 0.101 Accuracy 99% Limit 0.0800 - 0.1200
Strontium (Sr) mg/L	Blank <0.005
dissolved Strontium (Sr) mg/L	Blank <0.005
Sulfate (SO4) mg SO4/L	Blank <0.6
	Standard name DMR-0417-2017-SO4 Result 125 Accuracy 98.4% Limit 114 - 132
Tellurium (Te) mg/L	Standard name C00-046-705_X_1000 Result 0.0877 Accuracy 87.7% Limit 0.0800 - 0.1200
Thallium (Tl) mg/L	Blank <0.0008

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Quality control Report

Lab number: V-68068

Sample name: KIA-ST-16

Sampling location: ST-16

Sampling date: September 13, 2017

Sampling hour: 15:00

Parameter	
	Standard name TI-S140909023-1000ppm
	Result 838
	Accuracy 83.8%
	Limit 800 - 1200
Dissolved thallium (Tl) mg/L	Blank <0.0008
	Standard name TI-S140909023-1000ppm
	Result 838
	Accuracy 83.8%
	Limit 800 - 1200
Thiocyanate (SCN) mg SCN/L	Blank <0.05
	Standard name STD SCN 568ppm
	Result 594
	Accuracy 95.4%
	Limit 398 - 738
Thiosulfates (S2O3) mg S2O3/L	Blank <0.02
	Standard name S2O3-225ppm
	Result 270
	Accuracy 80%
	Limit 158 - 293
Titanium (Ti) mg/L	Blank <0.01
Dissolved titanium (Ti) mg/L	Blank <0.01
Turbidity UTN	Standard name DMR-0417-2017-Turb
	Result 5.38
	Accuracy 96.3%
	Limit 4.41 - 5.97
Uranium (U) mg/L	Blank <0.001
	Standard name DMR-0476-2017-22-Eu
	Result 2.01
	Accuracy 85.8%
	Limit 1.41 - 2.11
Dissolved Uranium (U) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.112
	Accuracy 88%
	Limit 0.0800 - 0.1200
Vanadium (V) mg/L	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu
	Result 1.933
	Accuracy 97.1%
	Limit 1.59 - 2.39

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Quality control Report

Lab number: V-68068

Sample name: KIA-ST-16

Sampling location: ST-16

Sampling date: September 13, 2017

Sampling hour: 15:00

Parameter

Dissolved Vanadium mg/L Blank <0.0005
Standard name C00-046-705_X_1000
Result 0.0914
Accuracy 91.4%
Limit 0.0800 - 0.1200

Zinc (Zn) mg/L Blank <0.001
Standard name DMR-0476-2017-22-Eu
Result 4.83
Accuracy 94.1%
Limit 3.65 - 5.47

Dissolved Zinc mg/L Blank <0.001
Standard name C00-046-705_X_1000
Result 0.101
Accuracy 99%
Limit 0.0800 - 0.1200

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Additional information

Lab number: V-68068
Sample name: KIA-ST-16
Sampling location: ST-16

Sampling date: September 13, 2017
Sampling hour: 15:00

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-CL-2.0	MA.300-Ions 1.3
M-COUL-1.0	MA.103-Col. 2.0
M-CN-1.0	MA.300-CN 1.2
M-CI-1.0	MA.300-Anions 1.0
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-P-2.0	MA.303-P 1.1
M-SULF-2.0	MA.300-Ions 1.3
M-TURB-1.0	MA.103-Tur. 1.0

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-68060

Sampling location: TPL

Sampling date: September 13, 2017

Sample name: KIA-EFF-1

Sampling hour: 13:00

Sampled by: MT

Date received: September 15, 2017

Matrix: Water

Drinking water distribution:

Reported on: October 11, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

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Analytical Report

Lab number: V-68060

Sample name: KIA-EFF-1

Sampling location: TPL

Sampling date: September 13, 2017

Sampling hour: 13:00

Parameter	Result	Method name	Analysis date
Alkalinity	8 mg CaCO ₃ /L	M-TIT-1.0	September 15, 2017
Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Antimony (Sb)	<0.0001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Antimony (Sb)	<0.0001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	<0.05 mg N/L	Sous-traitance\H2Lab inc. (SAM)	September 19, 2017
Kjeldahl nitrogen	<0.70 mg N/L	Sous-traitance\H2Lab inc. (SAM)	September 27, 2017
Barium (Ba)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Barium (Ba)	0.0032 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
bicarbonate (HCO ₃)	8 mg CaCO ₃ /L	M-TIT-1.0	September 15, 2017
Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Bromides	<0.01 mg/L	Sous-traitance\Multilab Direct	October 03, 2017
Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Calcium (Ca)	1.29 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Carbonate (CO ₃)	<2 mg CaCO ₃ /L	M-TIT-1.0	September 15, 2017
Dissolved Organic Carbon (D.O.C.)	1.7 mg/L	M-COT-1.0	September 15, 2017
Total Organic Carbon (T.O.C.)	1.9 mg/L	M-COT-1.0	September 15, 2017
Chlorophyll A	0.77 µg/L	Sous-traitance\H2Lab inc. (SAM)	October 03, 2017
Chloride	0.7 mg/L	Sous-traitance\Multilab Direct	September 22, 2017
Chrome (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Chromium (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Cobalt (Co)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Cobalt (Co)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Conductivity	28 µmhos/cm	M-TIT-1.0	September 15, 2017
Colour	1 Colour units	Sous-traitance\Multilab Direct	September 20, 2017
Copper (Cu)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Copper (Cu)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Cyanide W.A.D.	0.001 mg/L	Sous-traitance\Multilab Direct	September 22, 2017
Total Cyanide (CNT)	0.003 mg/L	Sous-traitance\Multilab Direct	September 22, 2017
Hardness	5 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	September 29, 2017
Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
dissolved Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017

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Analytical Report

Lab number: V-68060

Sample name: KIA-EFF-1

Sampling location: TPL

Sampling date: September 13, 2017

Sampling hour: 13:00

Parameter	Result	Method name	Analysis date
Iron (Fe)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Iron (Fe)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Fluoride (F)	0.08 mg/L	Sous-traitance\Multilab Direct	September 21, 2017
Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	October 03, 2017
Dissolved Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	October 03, 2017
Total Suspended Solids	5 mg/L	M-SOLI-1.0	September 18, 2017
Magnesium (Mg)	0.68 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Magnesium (Mg)	0.58 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Manganese (Mn)	0.0013 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Manganese (Mn)	0.0008 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Dissolved Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Molybdenum (Mo)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Molybdenum (Mo)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Ammonia NH3 (non-ionized)	<0.01 mg N/L	Sous-traitance\H2Lab inc. (SAM)	September 29, 2017
Nickel (Ni)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Nickel (Ni)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Nitrate (NO3)	0.01 mg N/L	Sous-traitance\Multilab Direct	September 20, 2017
Nitrite (NO2)	<0.01 mg N/L	Sous-traitance\Multilab Direct	September 20, 2017
Ortho-Phosphate (O-PO4)	<0.01 mg P/L	Sous-traitance\Multilab Direct	September 21, 2017
Dissolved oxygen	10.4 mg/L	Sous-traitance\Multilab Direct	September 19, 2017
pH	7.17	M-TIT-1.0	September 15, 2017
Total Phosphorus (P)	<0.04 mg P/L	Sous-traitance\H2Lab inc. (SAM)	September 18, 2017
Total Phosphorus (P) (Trace)	2.6 µg P/L	Sous-traitance\H2Lab inc. (SAM)	September 21, 2017
Lead (Pb)	0.0048 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Potassium (K)	0.29 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Selenium (Se)	0.001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Reactive silica (SiO2)	0.18 mg/L	Sous-traitance\Maxxam	September 25, 2017
Sodium (Na)	0.78 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Solids	19 mg/L	M-TIT-1.0	September 15, 2017
Strontium (Sr)	0.007 mg/L	Sous-traitance\Multilab Direct	October 03, 2017
dissolved Strontium (Sr)	0.007 mg/L	Sous-traitance\Multilab Direct	October 03, 2017
Sulfate (SO4)	5.1 mg SO4/L	Sous-traitance\Multilab Direct	September 20, 2017
Tellurium (Te)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	October 03, 2017
Dissolved thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	October 03, 2017
Thiocyanate (SCN)	0.15 mg SCN/L	Sous-traitance\Multilab Direct	September 21, 2017
Thiosulfates (S2O3)	<0.02 mg S2O3/L	Sous-traitance\Multilab Direct	September 22, 2017

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Analytical Report

Lab number: V-68060

Sample name: KIA-EFF-1

Sampling location: TPL

Sampling date: September 13, 2017

Sampling hour: 13:00

Parameter	Result	Method name	Analysis date
Titanium (Ti)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved titanium (Ti)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Turbidity	0.76 NTU	Sous-traitance\Multilab Direct	September 19, 2017
Uranium (U)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Uranium (U)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Vanadium (V)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Vanadium	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Zinc (Zn)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Zinc	<0.001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017

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Detection limit

Lab number: V-68060

Sample name: KIA-EFF-1

Sampling date: September 13, 2017

Sampling location: TPL

Sampling hour: 13:00

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO ₃ /L	M-TIT-1.0	
Aluminium (Al)	0.003	mg/L	Sous-traitance	
Dissolved Aluminium (Al)	0.003	mg/L	Sous-traitance	
Antimony (Sb)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Antimony (Sb)	0.0001	mg/L	Sous-traitance	
Silver (Ag)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Silver (Ag)	0.0001	mg/L	Sous-traitance	
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Arsenic (As)	0.0005	mg/L	Sous-traitance	
Kjeldahl nitrogen	0.05	mg N/L	Sous-traitance	
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Barium (Ba)	0.0005	mg/L	Sous-traitance	
Beryllium (Be)	0.0005	mg/L	Sous-traitance	
Dissolved Beryllium (Be)	0.0005	mg/L	Sous-traitance	
bicarbonate (HCO ₃)	2	mg CaCO ₃ /L	M-TIT-1.0	
Boron (B)	0.01	mg/L	Sous-traitance	Yes
Dissolved Boron (B)	0.006	mg/L	Sous-traitance	
Bromides	0.01	mg/L	Sous-traitance	
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Dissolved Cadmium (Cd)	0.00002	mg/L	Sous-traitance	
Calcium (Ca)	0.03	mg/L	Sous-traitance	Yes
Carbonate (CO ₃)	2	mg CaCO ₃ /L	M-TIT-1.0	
Dissolved Organic Carbon (D.O.C.)	0.2	mg/L	M-COT-1.0	--
Total Organic Carbon (T.O.C.)	0.2	mg/L	M-COT-1.0	Yes
Chlorophyll A	0.04	µg/L	Sous-traitance	
Chloride	0.5	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Dissolved Chromium (Cr)	0.0006	mg/L	Sous-traitance	
Cobalt (Co)	0.0005	mg/L	Sous-traitance	
Dissolved Cobalt (Co)	0.0005	mg/L	Sous-traitance	
Conductivity	1	µmhos/cm	M-TIT-1.0	Yes
Colour	1	UCV	Sous-traitance	Yes
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Copper (Cu)	0.0005	mg/L	Sous-traitance	
Cyanide W.A.D.	0.001	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO ₃ /L	Sous-traitance	
Tin (Sn)	0.001	mg/L	Sous-traitance	Yes
dissolved Tin (Sn)	0.001	mg/L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes

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Detection limit

Lab number: V-68060

Sample name: KIA-EFF-1

Sampling date: September 13, 2017

Sampling location: TPL

Sampling hour: 13:00

Parameter	Value	Unit	Method	Accreditation
Dissolved Iron (Fe)	0.01	mg/L	Sous-traitance	
Fluoride (F)	0.01	mg/L	Sous-traitance	Yes
Lithium (Li)	0.005	mg/L	Sous-traitance	
Dissolved Lithium (Li)	0.005	mg/L	Sous-traitance	
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Magnesium (Mg)	0.02	mg/L	Sous-traitance	Yes
Dissolved Magnesium (Mg)	0.02	mg/L	Sous-traitance	
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Manganese (Mn)	0.0003	mg/L	Sous-traitance	
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Dissolved Mercury (Hg)	0.00001	mg/L	Sous-traitance	
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Nickel (Ni)	0.0005	mg/L	Sous-traitance	
Nitrate (NO3)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO2)	0.01	mg N/L	Sous-traitance	Yes
Ortho-Phosphate (O-PO4)	0.01	mg P/L	Sous-traitance	Yes
Dissolved oxygen	0.1	mg/L	Sous-traitance	
pH			M-TIT-1.0	Yes
Total Phosphorus (P)	0.04	mg P/L	Sous-traitance	
Total Phosphorus (P) (Trace)	1.9	µg P/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Dissolved Lead (Pb)	0.0003	mg/L	Sous-traitance	
Potassium (K)	0.05	mg/L	Sous-traitance	
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Dissolved Selenium (Se)	0.001	mg/L	Sous-traitance	
Reactive silica (SiO2)		mg/L	Sous-traitance	
Sodium (Na)	0.05	mg/L	Sous-traitance	Yes
Dissolved Solids	1	mg/L	M-TIT-1.0	
Strontium (Sr)	0.005	mg/L	Sous-traitance	
dissolved Strontium (Sr)	0.005	mg/L	Sous-traitance	
Sulfate (SO4)	0.6	mg SO4/L	Sous-traitance	Yes
Tellurium (Te)	0.0005	mg/L	Sous-traitance	
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Dissolved thallium (Tl)	0.0008	mg/L	Sous-traitance	
Thiocyanate (SCN)	0.05	mg SCN/L	Sous-traitance	Yes
Thiosulfates (S2O3)	0.02	mg S2O3/L	Sous-traitance	Yes
Titanium (Ti)	0.01	mg/L	Sous-traitance	
Dissolved titanium (Ti)	0.01	mg/L	Sous-traitance	

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Detection limit

Lab number: V-68060

Sample name: KIA-EFF-1

Sampling date: September 13, 2017

Sampling location: TPL

Sampling hour: 13:00

Parameter	Value	Unit	Method	Accreditation
Turbidity	0.02	UTN	Sous-traitance	Yes
Uranium (U)	0.001	mg/L	Sous-traitance	
Dissolved Uranium (U)	0.001	mg/L	Sous-traitance	
Vanadium (V)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Vanadium	0.0005	mg/L	Sous-traitance	
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes
Dissolved Zinc	0.001	mg/L	Sous-traitance	

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Quality control Report

Lab number: V-68060

Sample name: KIA-EFF-1

Sampling location: TPL

Sampling date: September 13, 2017

Sampling hour: 13:00

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 147 Accuracy 98.6% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006
	Standard name DMR-0476-2017-22-Eu Result 5.33 Accuracy 85% Limit 5.02 - 7.52
Dissolved Aluminium (Al) mg/L	Blank <0.006
	Standard name DMR-0476-2017-22-Eu Result 5.66 Accuracy 90.3% Limit 5.02 - 7.52
Antimony (Sb) mg/L	Blank <0.0001
	Standard name DMR-0476-2017-22-Eu Result 0.2168 Accuracy 97.7% Limit 0.178 - 0.266
Dissolved Antimony (Sb) mg/L	Blank <0.0001
	Standard name C00-046-705_X_1000 Result 0.0117 Accuracy 83% Limit 0.0080 - 0.0120
Silver (Ag) mg/L	Blank <0.0001
Dissolved Silver (Ag) mg/L	Blank <0.0001
Arsenic (As) mg/L	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu Result 0.2691 Accuracy 94.8% Limit 0.199 - 0.369
Dissolved Arsenic (As) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000 Result 0.0879 Accuracy 87.9% Limit 0.0800 - 0.1200
Barium (Ba) mg/L	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu Result 2.784 Accuracy 85.4%

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Quality control Report

Lab number: V-68060

Sample name: KIA-EFF-1

Sampling location: TPL

Sampling date: September 13, 2017

Sampling hour: 13:00

Parameter	
Dissolved Barium (Ba) mg/L	Limit 1.94 - 2.92
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1092
	Accuracy 90.8%
Beryllium (Be) mg/L	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu
	Result 1.497
	Accuracy 88.1%
Dissolved Beryllium (Be) mg/L	Limit 1.36 - 2.04
	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu
	Result 1.540
	Accuracy 90.6%
Boron (B) mg/L	Limit 1.36 - 2.04
	Blank <0.01
	Standard name DMR-0476-2017-22-Eu
	Result 2.80
	Accuracy 97.2%
Dissolved Boron (B) mg/L	Limit 2.30 - 3.46
	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 0.84
	Accuracy 84%
Bromides mg/L	Limit 0.800 - 1.200
	Blank <0.01
	Standard name DMR-0119-2017-Br
	Result 4.97
	Accuracy 88.3%
Cadmium (Cd) mg/L	Limit 4.50 - 6.76
	Blank <0.00002
	Standard name DMR-0476-2017-22-Eu
	Result 0.97801
	Accuracy 91.5%
Dissolved Cadmium (Cd) mg/L	Limit 0.721 - 1.081
	Blank <0.00002
	Standard name C00-046-705_X_1000
	Result 0.10208
	Accuracy 97.9%

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Quality control Report

Lab number: V-68060

Sample name: KIA-EFF-1

Sampling location: TPL

Sampling date: September 13, 2017

Sampling hour: 13:00

Parameter	
Calcium (Ca) mg/L	Limit 0.0800 - 0.1200
	Blank <0.03
	Standard name DMR-0476-2017-22-Eu
	Result 15.6
	Accuracy 77.2%
Dissolved Organic Carbon (D.O.C.) mg/L	Limit 16.2 - 24.2
	Blank <0.2
	Standard name COD 10mg/L
	Result 10
	Accuracy 100%
Total Organic Carbon (T.O.C.) mg/L	Limit 8 - 12
	Blank <0.2
	Standard name COT 10mg/L
	Result 10
	Accuracy 100%
Chloride mg/L	Limit 8 - 12
	Blank <0.5
	Standard name DMR-0476-2017-13-CL
	Result 109
	Accuracy 99.1%
Chrome (Cr) mg/L	Limit 95 - 121
	Blank <0.0006
	Standard name DMR-0476-2017-22-Eu
	Result 3.991
	Accuracy 98.5%
Dissolved Chromium (Cr) mg/L	Limit 3.24 - 4.86
	Blank <0.0006
	Standard name C00-046-705_X_1000
	Result 0.0925
	Accuracy 92.5%
Cobalt (Co) mg/L	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu
	Result 1.588
	Accuracy 98.2%
Dissolved Cobalt (Co) mg/L	Limit 1.25 - 1.87
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0953
	Accuracy 95.3%

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Quality control Report

Lab number: V-68060

Sample name: KIA-EFF-1

Sampling location: TPL

Sampling date: September 13, 2017

Sampling hour: 13:00

Parameter	
Conductivity μ mhos/cm	Limit 0.0800 - 0.1200
	Standard name STD cond maison
	Result 1407
	Accuracy 99.4%
Colour UCV	Limit 1203 - 1627
	Blank <1
	Standard name DMR-0417-2017-Coul
	Result 100
Copper (Cu) mg/L	Accuracy 85.1%
	Limit 67 - 107
	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu
Dissolved Copper (Cu) mg/L	Result 1.344
	Accuracy 95%
	Limit 1.02 - 1.54
	Blank <0.0005
Cyanide W.A.D. mg/L	Standard name C00-046-705_X_1000
	Result 0.0928
	Accuracy 92.8%
	Limit 0.0800 - 0.1200
Total Cyanide (CNT) mg/L	Blank <0.001
	Standard name DMR-0343-CN
	Result 0.835
	Accuracy 94.6%
Tin (Sn) mg/L	Limit 0.751 - 1.015
	Blank <0.001
	Standard name DMR-0343-CN
	Result 1.17
dissolved Tin (Sn) mg/L	Accuracy 99.2%
	Limit 1.003 - 1.357
	Blank <0.001
	Standard name C00-046-705_X_1000
Iron (Fe) mg/L	Result 0.104
	Accuracy 96%
	Limit 0.0700 - 0.1300
	Blank <0.01
	Standard name DMR-0476-2017-22-Eu
	Result 11.8
	Accuracy 96.5%

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Quality control Report

Lab number: V-68060

Sample name: KIA-EFF-1

Sampling location: TPL

Sampling date: September 13, 2017

Sampling hour: 13:00

Parameter	
Dissolved Iron (Fe) mg/L	Limit 9.1 - 13.7
	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 0.95
	Accuracy 95%
Fluoride (F) mg/L	Limit 0.800 - 1.200
	Blank <0.02
	Standard name Controle maison 2 ppm F
	Result 2.04
	Accuracy 98%
Lithium (Li) mg/L	Limit 1.85 - 2.15
	Blank <0.005
Total Suspended Solids mg/L	Blank <1
	Standard name STD-MES 25mg/L
	Result 26
	Accuracy 96%
Magnesium (Mg) mg/L	Limit 19 - 31
	Blank <0.02
	Standard name DMR-0476-2017-22-Eu
	Result 7.00
	Accuracy 88.5%
Dissolved Magnesium (Mg) mg/L	Limit 6.33 - 9.49
	Blank <0.02
	Standard name C00-046-705_X_1000
	Result 0.83
	Accuracy 83%
Manganese (Mn) mg/L	Limit 0.800 - 1.200
	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu
	Result 4.264
	Accuracy 90.7%
Dissolved Manganese (Mn) mg/L	Limit 3.12 - 4.68
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1052
	Accuracy 94.8%
Molybdenum (Mo) mg/L	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu
	Result 0.7125

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Quality control Report

Lab number: V-68060

Sample name: KIA-EFF-1

Sampling location: TPL

Sampling date: September 13, 2017

Sampling hour: 13:00

Parameter		
Dissolved Molybdenum (Mo) mg/l	Accuracy 99.4%	
	Limit 0.566 - 0.850	
	Blank <0.0005	
	Standard name C00-046-705_X_1000	
	Result 0.1016	
Nickel (Ni) mg/L	Accuracy 98.4%	
	Limit 0.0800 - 0.1200	
	Blank <0.0005	
	Standard name DMR-0476-2017-22-Eu	
	Result 1.095	
Dissolved Nickel (Ni) mg/L	Accuracy 96.1%	
	Limit 0.91 - 1.37	
	Blank <0.0005	
	Standard name C00-046-705_X_1000	
	Result 0.0915	
Nitrate (NO3) mg N/L	Accuracy 91.5%	
	Limit 0.0800 - 0.1200	
	Blank <0.01	
	Nitrite (NO2) mg N/L	Blank <0.01
		Standard name DMR-0417-2017-NO2
Ortho-Phosphate (O-PO4) mg P/l	Result 2.65	
	Accuracy 97.8%	
	Limit 2.30 - 3.12	
	Blank <0.01	
	Standard name DMR-0417-2017-OPO4	
pH	Result 3.28	
	Accuracy 97.2%	
	Limit 2.81 - 3.57	
	Standard name STD pH 7.0	
	Result 7.03	
Lead (Pb) mg/L	Accuracy 99.6%	
	Limit 6.96 - 7.04	
	Blank <0.0003	
	Standard name DMR-0476-2017-22-Eu	
	Result 0.9364	
Dissolved Lead (Pb) mg/L	Accuracy 96.3%	
	Limit 0.722 - 1.084	
	Blank <0.0003	
	Standard name C00-046-705_X_1000	
	Result 0.0986	

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Quality control Report

Lab number: V-68060

Sample name: KIA-EFF-1

Sampling location: TPL

Sampling date: September 13, 2017

Sampling hour: 13:00

Parameter	
Potassium (K) mg/L	Accuracy 98.6% Limit 0.0800 - 0.1200 Blank <0.05 Standard name DMR-0476-2017-22-Eu Result 15.9
Selenium (Se) mg/L	Accuracy 89.3% Limit 14.2 - 21.4 Blank <0.001 Standard name DMR-0476-2017-22-Eu Result 1.48
Dissolved Selenium (Se) mg/L	Accuracy 90.4% Limit 1.08 - 1.62 Blank <0.001 Standard name C00-046-705_X_1000 Result 0.101
Sodium (Na) mg/L	Accuracy 99% Limit 0.0800 - 0.1200 Blank <0.05 Standard name DMR-0476-2017-22-Eu Result 22.4
Strontium (Sr) mg/L	Accuracy 82.7% Limit 21.7 - 32.5 Blank <0.005
Sulfate (SO4) mg SO4/L	Blank <0.6 Standard name DMR-0417-2017-SO4 Result 130
Tellurium (Te) mg/L	Accuracy 94.3% Limit 114 - 132 Sample duplicate 5.1-4.7 Blank <0.0005
Thallium (Tl) mg/L	Blank <0.0008 Standard name Tl-S140909023-1000ppm Result 838
Thiocyanate (SCN) mg SCN/L	Accuracy 83.8% Limit 800 - 1200 Blank <0.05 Standard name STD SCN 568ppm Result 594 Accuracy 95.4% Limit 398 - 738

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Quality control Report

Lab number: V-68060

Sample name: KIA-EFF-1

Sampling location: TPL

Sampling date: September 13, 2017

Sampling hour: 13:00

Parameter

Thiosulfates (S2O3) mg S2O3/L Blank <0.02
Standard name S2O3-225ppm
Result 270
Accuracy 80%
Limit 158 - 293

Titanium (Ti) mg/L Blank <0.01
Dissolved titanium (Ti) mg/L Blank <0.01
Turbidity UTN Standard name DMR-0417-2017-Turb
Result 5.38
Accuracy 96.3%
Limit 4.41 - 5.97

Uranium (U) mg/L Blank <0.001
Standard name DMR-0476-2017-22-Eu
Result 2.01
Accuracy 85.8%
Limit 1.41 - 2.11

Dissolved Uranium (U) mg/L Blank <0.001
Standard name C00-046-705_X_1000
Result 0.112
Accuracy 88%
Limit 0.0800 - 0.1200

Vanadium (V) mg/L Blank <0.0005
Standard name DMR-0476-2017-22-Eu
Result 1.933
Accuracy 97.1%
Limit 1.59 - 2.39

Dissolved Vanadium mg/L Blank <0.0005
Standard name C00-046-705_X_1000
Result 0.0914
Accuracy 91.4%
Limit 0.0800 - 0.1200

Zinc (Zn) mg/L Blank <0.001
Standard name DMR-0476-2017-22-Eu
Result 4.83
Accuracy 94.1%
Limit 3.65 - 5.47

Dissolved Zinc mg/L Blank <0.001
Standard name C00-046-705_X_1000
Result 0.101
Accuracy 99%

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Additional information

Lab number: V-68060
Sample name: KIA-EFF-1
Sampling location: TPL

Sampling date: September 13, 2017
Sampling hour: 13:00

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-CL-2.0	MA.300-Ions 1.3
M-COUL-1.0	MA.103-Col. 2.0
M-CN-1.0	MA.300-CN 1.2
M-CI-1.0	MA.300-Anions 1.0
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-P-2.0	MA.303-P 1.1
M-SULF-2.0	MA.300-Ions 1.3
M-TURB-1.0	MA.103-Tur. 1.0

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-68061

Sampling location: TPL

Sampling date: September 13, 2017

Sample name: KIA-EFF-2

Sampling hour: 13:00

Sampled by: MT

Date received: September 15, 2017

Matrix: Water

Drinking water distribution:

Reported on: October 11, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Lab number: V-68061

Sample name: KIA-EFF-2

Sampling location: TPL

Sampling date: September 13, 2017

Sampling hour: 13:00

Parameter	Result	Method name	Analysis date
Alkalinity	25 mg CaCO ₃ /L	M-TIT-1.0	September 15, 2017
Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Antimony (Sb)	0.0001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Antimony (Sb)	<0.0001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	<0.05 mg N/L	Sous-traitance\H2Lab inc. (SAM)	September 19, 2017
Kjeldahl nitrogen	<0.70 mg N/L	Sous-traitance\H2Lab inc. (SAM)	September 27, 2017
Barium (Ba)	0.0020 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Barium (Ba)	0.0043 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
bicarbonate (HCO ₃)	25 mg CaCO ₃ /L	M-TIT-1.0	September 15, 2017
Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Bromides	0.07 mg/L	Sous-traitance\Multilab Direct	October 03, 2017
Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Calcium (Ca)	7.18 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Carbonate (CO ₃)	<2 mg CaCO ₃ /L	M-TIT-1.0	September 15, 2017
Dissolved Organic Carbon (D.O.C.)	3.1 mg/L	M-COT-1.0	September 15, 2017
Total Organic Carbon (T.O.C.)	3.1 mg/L	M-COT-1.0	September 15, 2017
Chlorophyll A	1.1 µg/L	Sous-traitance\H2Lab inc. (SAM)	October 03, 2017
Chloride	3.6 mg/L	Sous-traitance\Multilab Direct	September 22, 2017
Chrome (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Chromium (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Cobalt (Co)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Cobalt (Co)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Conductivity	94 µmhos/cm	M-TIT-1.0	September 15, 2017
Colour	4 Colour units	Sous-traitance\Multilab Direct	September 20, 2017
Copper (Cu)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Copper (Cu)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Cyanide W.A.D.	<0.001 mg/L	Sous-traitance\Multilab Direct	September 22, 2017
Total Cyanide (CNT)	0.003 mg/L	Sous-traitance\Multilab Direct	September 22, 2017
Hardness	26 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	September 29, 2017
Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
dissolved Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017

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Analytical Report

Lab number: V-68061

Sample name: KIA-EFF-2

Sampling location: TPL

Sampling date: September 13, 2017

Sampling hour: 13:00

Parameter	Result	Method name	Analysis date
Iron (Fe)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Iron (Fe)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Fluoride (F)	0.12 mg/L	Sous-traitance\Multilab Direct	October 28, 2017
Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	October 03, 2017
Dissolved Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	October 03, 2017
Total Suspended Solids	4 mg/L	M-SOLI-1.0	September 18, 2017
Magnesium (Mg)	2.27 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Magnesium (Mg)	2.05 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Manganese (Mn)	0.0043 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Manganese (Mn)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Mercury (Hg)	0.00019 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Dissolved Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Molybdenum (Mo)	0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Molybdenum (Mo)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Ammonia NH3 (non-ionized)	<0.01 mg N/L	Sous-traitance\H2Lab inc. (SAM)	September 29, 2017
Nickel (Ni)	0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Nickel (Ni)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Nitrate (NO3)	<0.01 mg N/L	Sous-traitance\Multilab Direct	September 20, 2017
Nitrite (NO2)	<0.01 mg N/L	Sous-traitance\Multilab Direct	September 20, 2017
Ortho-Phosphate (O-PO4)	<0.01 mg P/L	Sous-traitance\Multilab Direct	September 21, 2017
Dissolved oxygen	10.3 mg/L	Sous-traitance\Multilab Direct	September 19, 2017
pH	7.73	M-TIT-1.0	September 15, 2017
Total Phosphorus (P)	<0.04 mg P/L	Sous-traitance\H2Lab inc. (SAM)	September 18, 2017
Total Phosphorus (P) (Trace)	4.1 µg P/L	Sous-traitance\H2Lab inc. (SAM)	September 21, 2017
Lead (Pb)	0.0046 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Potassium (K)	0.96 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Reactive silica (SiO2)	0.29 mg/L	Sous-traitance\Maxxam	September 25, 2017
Sodium (Na)	1.73 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Solids	62 mg/L	M-TIT-1.0	September 15, 2017
Strontium (Sr)	0.038 mg/L	Sous-traitance\Multilab Direct	October 03, 2017
dissolved Strontium (Sr)	0.033 mg/L	Sous-traitance\Multilab Direct	October 03, 2017
Sulfate (SO4)	12.3 mg SO4/L	Sous-traitance\Multilab Direct	September 20, 2017
Tellurium (Te)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	October 03, 2017
Dissolved thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	October 03, 2017
Thiocyanate (SCN)	0.28 mg SCN/L	Sous-traitance\Multilab Direct	September 21, 2017
Thiosulfates (S2O3)	<0.02 mg S2O3/L	Sous-traitance\Multilab Direct	September 22, 2017

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Analytical Report

Lab number: V-68061

Sample name: KIA-EFF-2

Sampling date: September 13, 2017

Sampling location: TPL

Sampling hour: 13:00

Parameter	Result	Method name	Analysis date
Titanium (Ti)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved titanium (Ti)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Turbidity	0.81 NTU	Sous-traitance\Multilab Direct	September 19, 2017
Uranium (U)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Uranium (U)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Vanadium (V)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Vanadium	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Zinc (Zn)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Zinc	<0.001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017

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Detection limit

Lab number: V-68061

Sample name: KIA-EFF-2

Sampling date: September 13, 2017

Sampling location: TPL

Sampling hour: 13:00

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO3/L	M-TIT-1.0	
Aluminium (Al)	0.003	mg/L	Sous-traitance	
Dissolved Aluminium (Al)	0.003	mg/L	Sous-traitance	
Antimony (Sb)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Antimony (Sb)	0.0001	mg/L	Sous-traitance	
Silver (Ag)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Silver (Ag)	0.0001	mg/L	Sous-traitance	
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Arsenic (As)	0.0005	mg/L	Sous-traitance	
Kjeldahl nitrogen	0.05	mg N/L	Sous-traitance	
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Barium (Ba)	0.0005	mg/L	Sous-traitance	
Beryllium (Be)	0.0005	mg/L	Sous-traitance	
Dissolved Beryllium (Be)	0.0005	mg/L	Sous-traitance	
bicarbonate (HCO3)	2	mg CaCO3/L	M-TIT-1.0	
Boron (B)	0.01	mg/L	Sous-traitance	Yes
Dissolved Boron (B)	0.006	mg/L	Sous-traitance	
Bromides	0.01	mg/L	Sous-traitance	
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Dissolved Cadmium (Cd)	0.00002	mg/L	Sous-traitance	
Calcium (Ca)	0.03	mg/L	Sous-traitance	Yes
Carbonate (CO3)	2	mg CaCO3/L	M-TIT-1.0	
Dissolved Organic Carbon (D.O.C.)	0.2	mg/L	M-COT-1.0	--
Total Organic Carbon (T.O.C.)	0.2	mg/L	M-COT-1.0	Yes
Chlorophyll A	0.04	µg/L	Sous-traitance	
Chloride	0.5	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Dissolved Chromium (Cr)	0.0006	mg/L	Sous-traitance	
Cobalt (Co)	0.0005	mg/L	Sous-traitance	
Dissolved Cobalt (Co)	0.0005	mg/L	Sous-traitance	
Conductivity	1	µmhos/cm	M-TIT-1.0	Yes
Colour	1	UCV	Sous-traitance	Yes
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Copper (Cu)	0.0005	mg/L	Sous-traitance	
Cyanide W.A.D.	0.001	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO3/L	Sous-traitance	
Tin (Sn)	0.001	mg/L	Sous-traitance	Yes
dissolved Tin (Sn)	0.001	mg/L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes

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Detection limit

Lab number: V-68061

Sample name: KIA-EFF-2

Sampling date: September 13, 2017

Sampling location: TPL

Sampling hour: 13:00

Parameter	Value	Unit	Method	Accreditation
Dissolved Iron (Fe)	0.01	mg/L	Sous-traitance	
Fluoride (F)	0.01	mg/L	Sous-traitance	Yes
Lithium (Li)	0.005	mg/L	Sous-traitance	
Dissolved Lithium (Li)	0.005	mg/L	Sous-traitance	
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Magnesium (Mg)	0.02	mg/L	Sous-traitance	Yes
Dissolved Magnesium (Mg)	0.02	mg/L	Sous-traitance	
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Manganese (Mn)	0.0003	mg/L	Sous-traitance	
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Dissolved Mercury (Hg)	0.00001	mg/L	Sous-traitance	
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Nickel (Ni)	0.0005	mg/L	Sous-traitance	
Nitrate (NO3)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO2)	0.01	mg N/L	Sous-traitance	Yes
Ortho-Phosphate (O-PO4)	0.01	mg P/L	Sous-traitance	Yes
Dissolved oxygen	0.1	mg/L	Sous-traitance	
pH			M-TIT-1.0	Yes
Total Phosphorus (P)	0.04	mg P/L	Sous-traitance	
Total Phosphorus (P) (Trace)	1.9	µg P/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Dissolved Lead (Pb)	0.0003	mg/L	Sous-traitance	
Potassium (K)	0.05	mg/L	Sous-traitance	
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Dissolved Selenium (Se)	0.001	mg/L	Sous-traitance	
Reactive silica (SiO2)		mg/L	Sous-traitance	
Sodium (Na)	0.05	mg/L	Sous-traitance	Yes
Dissolved Solids	1	mg/L	M-TIT-1.0	
Strontium (Sr)	0.005	mg/L	Sous-traitance	
dissolved Strontium (Sr)	0.005	mg/L	Sous-traitance	
Sulfate (SO4)	0.6	mg SO4/L	Sous-traitance	Yes
Tellurium (Te)	0.0005	mg/L	Sous-traitance	
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Dissolved thallium (Tl)	0.0008	mg/L	Sous-traitance	
Thiocyanate (SCN)	0.05	mg SCN/L	Sous-traitance	Yes
Thiosulfates (S2O3)	0.02	mg S2O3/L	Sous-traitance	Yes
Titanium (Ti)	0.01	mg/L	Sous-traitance	
Dissolved titanium (Ti)	0.01	mg/L	Sous-traitance	

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Detection limit

Lab number: V-68061

Sample name: KIA-EFF-2

Sampling date: September 13, 2017

Sampling location: TPL

Sampling hour: 13:00

Parameter	Value	Unit	Method	Accreditation
Turbidity	0.02	UTN	Sous-traitance	Yes
Uranium (U)	0.001	mg/L	Sous-traitance	
Dissolved Uranium (U)	0.001	mg/L	Sous-traitance	
Vanadium (V)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Vanadium	0.0005	mg/L	Sous-traitance	
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes
Dissolved Zinc	0.001	mg/L	Sous-traitance	

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Quality control Report

Lab number: V-68061

Sample name: KIA-EFF-2

Sampling location: TPL

Sampling date: September 13, 2017

Sampling hour: 13:00

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 147 Accuracy 98.6% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006
	Standard name DMR-0476-2017-22-Eu Result 5.33 Accuracy 85% Limit 5.02 - 7.52
Dissolved Aluminium (Al) mg/L	Blank <0.006
	Standard name DMR-0476-2017-22-Eu Result 5.66 Accuracy 90.3% Limit 5.02 - 7.52
	Sample duplicate <0.006-<0.006
Antimony (Sb) mg/L	Blank <0.0001
	Standard name DMR-0476-2017-22-Eu Result 0.2168 Accuracy 97.7% Limit 0.178 - 0.266
Dissolved Antimony (Sb) mg/L	Blank <0.0001
	Standard name C00-046-705_X_1000 Result 0.0117 Accuracy 83% Limit 0.0080 - 0.0120
	Sample duplicate <0.0001-<0.0001
Silver (Ag) mg/L	Blank <0.0001
Dissolved Silver (Ag) mg/L	Blank <0.0001
	Sample duplicate <0.0001-<0.0001
Arsenic (As) mg/L	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu Result 0.2691 Accuracy 94.8% Limit 0.199 - 0.369
Dissolved Arsenic (As) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000 Result 0.0879 Accuracy 87.9% Limit 0.0800 - 0.1200
	Sample duplicate <0.0005-<0.0005

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Quality control Report

Lab number: V-68061

Sample name: KIA-EFF-2

Sampling location: TPL

Sampling date: September 13, 2017

Sampling hour: 13:00

Parameter	
Barium (Ba) mg/L	Blank <0.0005 Standard name DMR-0476-2017-22-Eu Result 2.784 Accuracy 85.4% Limit 1.94 - 2.92
Dissolved Barium (Ba) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1092 Accuracy 90.8% Limit 0.0800 - 0.1200
Beryllium (Be) mg/L	Blank <0.0005 Standard name DMR-0476-2017-22-Eu Result 1.497 Accuracy 88.1% Limit 1.36 - 2.04
Dissolved Beryllium (Be) mg/L	Blank <0.0005 Standard name DMR-0476-2017-22-Eu Result 1.540 Accuracy 90.6% Limit 1.36 - 2.04
Boron (B) mg/L	Sample duplicate <0.0005-<0.0005 Blank <0.01 Standard name DMR-0476-2017-22-Eu Result 2.80 Accuracy 97.2% Limit 2.30 - 3.46
Dissolved Boron (B) mg/L	Blank <0.01 Standard name C00-046-705_X_1000 Result 0.84 Accuracy 84% Limit 0.800 - 1.200
Bromides mg/L	Sample duplicate <0.01-<0.01 Blank <0.01 Standard name DMR-0119-2017-Br Result 4.97 Accuracy 88.3% Limit 4.50 - 6.76
Cadmium (Cd) mg/L	Blank <0.00002 Standard name DMR-0476-2017-22-Eu Result 0.97801

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Quality control Report

Lab number: V-68061

Sample name: KIA-EFF-2

Sampling location: TPL

Sampling date: September 13, 2017

Sampling hour: 13:00

Parameter	
Dissolved Cadmium (Cd) mg/L	Accuracy 91.5%
	Limit 0.721 - 1.081
	Blank <0.00002
	Standard name C00-046-705_X_1000
	Result 0.10208
Calcium (Ca) mg/L	Accuracy 97.9%
	Limit 0.0800 - 0.1200
	Sample duplicate <0.00002-<0.00002
	Blank <0.03
	Standard name DMR-0476-2017-22-Eu
Dissolved Organic Carbon (D.O.C.) mg/L	Result 15.6
	Accuracy 77.2%
	Limit 16.2 - 24.2
	Blank <0.2
	Standard name COD 10mg/L
Total Organic Carbon (T.O.C.) mg/L	Result 10
	Accuracy 100%
	Limit 8 - 12
	Blank <0.2
	Standard name COT 10mg/L
Chloride mg/L	Result 10
	Accuracy 100%
	Limit 8 - 12
	Blank <0.5
	Standard name DMR-0476-2017-13-CL
Chrome (Cr) mg/L	Result 109
	Accuracy 99.1%
	Limit 95 - 121
	Blank <0.0006
	Standard name DMR-0476-2017-22-Eu
Dissolved Chromium (Cr) mg/L	Result 3.991
	Accuracy 98.5%
	Limit 3.24 - 4.86
	Blank <0.0006
	Standard name C00-046-705_X_1000
Cobalt (Co) mg/L	Result 0.0925
	Accuracy 92.5%
	Limit 0.0800 - 0.1200
	Sample duplicate <0.0006-<0.0006
	Blank <0.0005

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Quality control Report

Lab number: V-68061

Sample name: KIA-EFF-2

Sampling location: TPL

Sampling date: September 13, 2017

Sampling hour: 13:00

Parameter	
	Standard name DMR-0476-2017-22-Eu
	Result 1.588
	Accuracy 98.2%
	Limit 1.25 - 1.87
Dissolved Cobalt (Co) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0953
	Accuracy 95.3%
	Limit 0.0800 - 0.1200
	Sample duplicate <0.0005-<0.0005
Conductivity µmhos/cm	Standard name STD cond maison
	Result 1407
	Accuracy 99.4%
	Limit 1203 - 1627
Colour UCV	Blank <1
	Standard name DMR-0417-2017-Coul
	Result 100
	Accuracy 85.1%
	Limit 67 - 107
Copper (Cu) mg/L	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu
	Result 1.344
	Accuracy 95%
	Limit 1.02 - 1.54
Dissolved Copper (Cu) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0928
	Accuracy 92.8%
	Limit 0.0800 - 0.1200
	Sample duplicate <0.0005-<0.0005
Cyanide W.A.D. mg/L	Blank <0.001
	Standard name DMR-0343-CN
	Result 0.835
	Accuracy 94.6%
	Limit 0.751 - 1.015
Total Cyanide (CNT) mg/L	Blank <0.001
	Standard name DMR-0343-CN
	Result 1.17
	Accuracy 99.2%
	Limit 1.003 - 1.357

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Quality control Report

Lab number: V-68061

Sample name: KIA-EFF-2

Sampling date: September 13, 2017

Sampling location: TPL

Sampling hour: 13:00

Parameter	
Tin (Sn) mg/L	Blank <0.001
dissolved Tin (Sn) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.104
	Accuracy 96%
	Limit 0.0700 - 0.1300
Iron (Fe) mg/L	Sample duplicate <0.001-<0.001
	Blank <0.01
	Standard name DMR-0476-2017-22-Eu
	Result 11.8
	Accuracy 96.5%
	Limit 9.1 - 13.7
Dissolved Iron (Fe) mg/L	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 0.95
	Accuracy 95%
	Limit 0.800 - 1.200
Fluoride (F) mg/L	Sample duplicate <0.01-<0.01
	Blank <0.02
	Standard name Controle maison 2 ppm F
	Result 1.93
	Accuracy 96.5%
	Limit 1.85 - 2.15
Lithium (Li) mg/L	Blank <0.005
Total Suspended Solids mg/L	Blank <1
	Standard name STD-MES 25mg/L
	Result 26
	Accuracy 96%
	Limit 19 - 31
Magnesium (Mg) mg/L	Blank <0.02
	Standard name DMR-0476-2017-22-Eu
	Result 7.00
	Accuracy 88.5%
	Limit 6.33 - 9.49
Dissolved Magnesium (Mg) mg/L	Blank <0.02
	Standard name C00-046-705_X_1000
	Result 0.83
	Accuracy 83%
	Limit 0.800 - 1.200
	Sample duplicate 2.05-1.97

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Quality control Report

Lab number: V-68061

Sample name: KIA-EFF-2

Sampling location: TPL

Sampling date: September 13, 2017

Sampling hour: 13:00

Parameter	
Manganese (Mn) mg/L	Blank <0.0005 Standard name DMR-0476-2017-22-Eu Result 4.264 Accuracy 90.7% Limit 3.12 - 4.68
Dissolved Manganese (Mn) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1052 Accuracy 94.8% Limit 0.0800 - 0.1200
Molybdenum (Mo) mg/L	Sample duplicate <0.0005-<0.0005 Blank <0.0005 Standard name DMR-0476-2017-22-Eu Result 0.7125 Accuracy 99.4% Limit 0.566 - 0.850
Dissolved Molybdenum (Mo) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1016 Accuracy 98.4% Limit 0.0800 - 0.1200
Nickel (Ni) mg/L	Sample duplicate <0.0005-<0.0005 Blank <0.0005 Standard name DMR-0476-2017-22-Eu Result 1.095 Accuracy 96.1% Limit 0.91 - 1.37
Dissolved Nickel (Ni) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0915 Accuracy 91.5% Limit 0.0800 - 0.1200
Nitrate (NO ₃) mg N/L	Sample duplicate <0.0005-<0.0005 Blank <0.01
Nitrite (NO ₂) mg N/L	Blank <0.01 Standard name DMR-0417-2017-NO2 Result 2.65 Accuracy 97.8% Limit 2.30 - 3.12
Ortho-Phosphate (O-PO ₄) mg P/	Blank <0.01

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Quality control Report

Lab number: V-68061

Sample name: KIA-EFF-2

Sampling location: TPL

Sampling date: September 13, 2017

Sampling hour: 13:00

Parameter	
pH	Standard name DMR-0417-2017-OPO4
	Result 3.28
	Accuracy 97.2%
	Limit 2.81 - 3.57
Lead (Pb) mg/L	Standard name STD pH 7.0
	Result 7.03
	Accuracy 99.6%
	Limit 6.96 - 7.04
Dissolved Lead (Pb) mg/L	Blank <0.0003
	Standard name DMR-0476-2017-22-Eu
	Result 0.9364
	Accuracy 96.3%
Potassium (K) mg/L	Limit 0.722 - 1.084
	Blank <0.0003
	Standard name C00-046-705_X_1000
	Result 0.0986
Selenium (Se) mg/L	Accuracy 98.6%
	Limit 0.0800 - 0.1200
	Sample duplicate <0.0003-<0.0003
	Blank <0.05
Dissolved Selenium (Se) mg/L	Standard name DMR-0476-2017-22-Eu
	Result 15.9
	Accuracy 89.3%
	Limit 14.2 - 21.4
Sodium (Na) mg/L	Blank <0.001
	Standard name DMR-0476-2017-22-Eu
	Result 1.48
	Accuracy 90.4%
	Limit 1.08 - 1.62
	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.101
	Accuracy 99%
	Limit 0.0800 - 0.1200
	Sample duplicate <0.001-<0.001
	Blank <0.05
	Standard name DMR-0476-2017-22-Eu
	Result 22.4
	Accuracy 82.7%
	Limit 21.7 - 32.5

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Quality control Report

Lab number: V-68061

Sample name: KIA-EFF-2

Sampling location: TPL

Sampling date: September 13, 2017

Sampling hour: 13:00

Parameter	
Strontium (Sr) mg/L	Blank <0.005
Sulfate (SO4) mg SO4/L	Blank <0.6
	Standard name DMR-0417-2017-SO4
	Result 130
	Accuracy 94.3%
	Limit 114 - 132
Tellurium (Te) mg/L	Blank <0.0005
Thallium (Tl) mg/L	Blank <0.0008
	Standard name Tl-S140909023-1000ppm
	Result 838
	Accuracy 83.8%
	Limit 800 - 1200
Thiocyanate (SCN) mg SCN/L	Blank <0.05
	Standard name STD SCN 568ppm
	Result 594
	Accuracy 95.4%
	Limit 398 - 738
Thiosulfates (S2O3) mg S2O3/L	Blank <0.02
	Standard name S2O3-225ppm
	Result 270
	Accuracy 80%
	Limit 158 - 293
Titanium (Ti) mg/L	Blank <0.01
Dissolved titanium (Ti) mg/L	Blank <0.01
	Sample duplicate <0.01-<0.01
Turbidity UTN	Standard name DMR-0417-2017-Turb
	Result 5.38
	Accuracy 96.3%
	Limit 4.41 - 5.97
Uranium (U) mg/L	Blank <0.001
	Standard name DMR-0476-2017-22-Eu
	Result 2.01
	Accuracy 85.8%
	Limit 1.41 - 2.11
Dissolved Uranium (U) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.112
	Accuracy 88%
	Limit 0.0800 - 0.1200
	Sample duplicate <0.001-<0.001

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

This report shall not be reproduced except in full without the written authority of the laboratory.



Additional information

Lab number: V-68061
Sample name: KIA-EFF-2
Sampling location: TPL

Sampling date: September 13, 2017
Sampling hour: 13:00

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-CL-2.0	MA.300-Ions 1.3
M-COUL-1.0	MA.103-Col. 2.0
M-CN-1.0	MA.300-CN 1.2
M-CI-1.0	MA.300-Anions 1.0
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-P-2.0	MA.303-P 1.1
M-SULF-2.0	MA.300-Ions 1.3
M-TURB-1.0	MA.103-Tur. 1.0

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-68160

Sampling location: ST-8/ST-MMER-3a 65.01.11.2.N 96.02.32.0.W

Sampling date: September 18, 2017

Sample name: ST-8/ST-MMER-3a Weekly

Sampling hour: 08:30

Sampled by: MT/FL

Date received: September 19, 2017

Matrix: Water

Drinking water distribution:

Corrected certificate, replacing the certificate V-68160 done on September 20 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
This report shall not be reproduced except in full without the written authority of the laboratory.



Analytical Report

Lab number: V-68160

Sample name: ST-8/ST-MMER-3a Weekly

Sampling date: September 18, 2017

Sampling location: ST-8/ST-MMER-3a 65.01.11.2.N 96.02.32.0.W

Sampling hour: 08:30

Parameter	Result	Method name	Analysis date
Total Suspended Solids	34 mg/L	M-SOLI-1.0	September 20, 2017
Total Suspended Solids	32 mg/L	M-SOLI-1.0	September 22, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

This report shall not be reproduced except in full without the written authority of the laboratory.



Detection limit

Lab number: V-68160

Sample name: ST-8/ST-MMER-3a Weekly

Sampling date: September 18, 2017

Sampling location: ST-8/ST-MMER-3a 65.01.11.2.N 96.02.32.0.W

Sampling hour: 08:30

Parameter	Value	Unit	Method	Accreditation
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Additional information

Lab number: V-68160

Sample name: ST-8/ST-MMER-3a Weekly

Sampling date: September 18, 2017

Sampling location: ST-8/ST-MMER-3a 65.01.11.2.N 96.02.32.0.W

Sampling hour: 08:30

Lab method	Method reference
M-SOLI-1.0	MA.104-S.S. 1.1

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-68371

Sampling location: ST-8/ST-MMER-3a Weekly65°01'11.2"N96°02'32.0"W

Sampling date: September 21, 2017

Sample name: ST-8/ST-MMER-3a Weekly

Sampling hour: 08:00

Sampled by: FL-TT

Date received: September 22, 2017

Matrix: Water

Reported on: September 25, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Lab number: V-68371

Sample name: ST-8/ST-MMER-3a Weekly

Sampling date: September 21, 2017

Sampling location: ST-8/ST-MMER-3a Weekly 65°01'11.2"N 96°02'32.0"W

Sampling hour: 08:00

Parameter	Result	Method name	Analysis date
Total Suspended Solids	<1 mg/L	M-SOLI-1.0	September 25, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Detection limit

Lab number: V-68371

Sample name: ST-8/ST-MMER-3a Weekly

Sampling date: September 21, 2017

Sampling location: ST-8/ST-MMER-3a Weekly 65°01'11.2"N 96°02'32.0"W

Sampling hour: 08:00

Parameter	Value	Unit	Method	Accreditation
Total Suspended Solids		1 mg/L	M-SOLI-1.0	Yes

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Additional information

Lab number: V-68371

Sample name: ST-8/ST-MMER-3a Weekly

Sampling date: September 21, 2017

Sampling location: ST-8/ST-MMER-3a Weekly 65°01'11.2"N 96°02'32.0"W

Sampling hour: 08:00

Lab method	Method reference
M-SOLI-1.0	MA.104-S.S. 1.1

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-68472

Sampling location: WEP 1

Sampling date: September 25, 2017

Sample name: ST-30

Sampling hour: 15:00

Sampled by: TT/FL

Date received: September 26, 2017

Matrix: Waste Water

Reported on: October 12, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Lab number: V-68472

Sample name: ST-30

Sampling location: WEP 1

Sampling date: September 25, 2017

Sampling hour: 15:00

Parameter	Result	Method name	Analysis date
Alkalinity	175 mg CaCO ₃ /L	M-TIT-1.0	September 26, 2017
Aluminium (Al)	0.263 mg/L	Sous-traitance\Multilab Direct	October 05, 2017
Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	October 05, 2017
Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	October 05, 2017
Barium (Ba)	0.0250 mg/L	Sous-traitance\Multilab Direct	October 05, 2017
Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	October 05, 2017
Chloride	10.9 mg/L	Sous-traitance\Multilab Direct	October 06, 2017
Chrome (Cr)	0.0011 mg/L	Sous-traitance\Multilab Direct	October 05, 2017
Copper (Cu)	0.0058 mg/L	Sous-traitance\Multilab Direct	October 05, 2017
Cyanide W.A.D.	0.002 mg/L	Sous-traitance\Multilab Direct	October 06, 2017
Total Cyanide (CNT)	0.014 mg/L	Sous-traitance\Multilab Direct	October 06, 2017
Hardness	230 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	October 05, 2017
Iron (Fe)	3.50 mg/L	Sous-traitance\Multilab Direct	October 05, 2017
Fluoride (F)	0.27 mg/L	Sous-traitance\Multilab Direct	October 28, 2017
Total Suspended Solids	9 mg/L	M-SOLI-1.0	September 27, 2017
Manganese (Mn)	1.512 mg/L	Sous-traitance\Multilab Direct	October 05, 2017
Mercury (Hg)	0.00001 mg/L	Sous-traitance\Multilab Direct	October 06, 2017
Molybdenum (Mo)	<0.0005 mg/L	Sous-traitance\Multilab Direct	October 05, 2017
Nickel (Ni)	0.0191 mg/L	Sous-traitance\Multilab Direct	October 05, 2017
Nitrate (NO ₃)	0.39 mg N/L	Sous-traitance\Multilab Direct	September 27, 2017
Nitrite (NO ₂)	0.02 mg N/L	Sous-traitance\Multilab Direct	September 27, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	October 05, 2017
Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	October 05, 2017
Dissolved Solids	386 mg/L	M-TIT-1.0	September 26, 2017
Sulfate (SO ₄)	136 mg SO ₄ /L	Sous-traitance\Multilab Direct	September 27, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	October 11, 2017
Zinc (Zn)	0.002 mg/L	Sous-traitance\Multilab Direct	October 05, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	2.12 mg N/L	Sous-traitance\Multilab Direct	September 28, 2017
Ammonia NH ₃ (non-ionized)	<0.01 mg N/L	Sous-traitance\Multilab Direct	September 28, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

This report shall not be reproduced except in full without the written authority of the laboratory.



Detection limit

Lab number: V-68472

Sample name: ST-30

Sampling location: WEP 1

Sampling date: September 25, 2017

Sampling hour: 15:00

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO ₃ /L	M-TIT-1.0	
Aluminium (Al)	0.003	mg/L	Sous-traitance	
Silver (Ag)	0.0001	mg/L	Sous-traitance	Yes
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Chloride	0.5	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Cyanide W.A.D.	0.001	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO ₃ /L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes
Fluoride (F)	0.01	mg/L	Sous-traitance	Yes
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Nitrate (NO ₃)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO ₂)	0.01	mg N/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Dissolved Solids	1	mg/L	M-TIT-1.0	
Sulfate (SO ₄)	0.6	mg SO ₄ /L	Sous-traitance	Yes
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes
Ammonia nitrogen (NH ₃ -NH ₄)	0.01	mg N/L	Sous-traitance	Yes
Ammonia NH ₃ (non-ionized)	0.01	mg N/L	Sous-traitance	-

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Quality control Report

Lab number: V-68472

Sample name: ST-30

Sampling location: WEP 1

Sampling date: September 25, 2017

Sampling hour: 15:00

Parameter	
Alkalinity mg CaCO3/L	Standard name STD alcalinité Result 142 Accuracy 97.9% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006 Standard name DMR-0476-2017-22-Eu Result 5.35 Accuracy 85.3% Limit 5.02 - 7.52
Silver (Ag) mg/L	Blank <0.0001
Arsenic (As) mg/L	Blank <0.0005 Standard name DMR-0476-2017-22-Eu Result 0.2599 Accuracy 91.5% Limit 0.199 - 0.369
Ammonia nitrogen (NH3-NH4) mg N/L	Blank <0.01 Standard name DMR-0417-2017-NH3-NH4 Result 2.32 Accuracy 91.1% Limit 1.81 - 2.45
Barium (Ba) mg/L	Blank <0.0005 Standard name DMR-0476-2017-22-Eu Result 2.214 Accuracy 91.1% Limit 1.94 - 2.92
Cadmium (Cd) mg/L	Blank <0.00002 Standard name DMR-0476-2017-22-Eu Result 0.77589 Accuracy 86.1% Limit 0.721 - 1.081
Chloride mg/L	Blank <0.5 Standard name DMR-0476-2017-13-CL Result 118 Accuracy 90.7% Limit 95 - 121
Chrome (Cr) mg/L	Blank <0.0006 Standard name DMR-0476-2017-22-Eu Result 3.551 Accuracy 87.7% Limit 3.24 - 4.86

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Quality control Report

Lab number: V-68472

Sample name: ST-30

Sampling location: WEP 1

Sampling date: September 25, 2017

Sampling hour: 15:00

Parameter

Copper (Cu) mg/L	Blank <0.0005 Standard name DMR-0476-2017-22-Eu Result 1.247 Accuracy 97.4% Limit 1.02 - 1.54
Cyanide W.A.D. mg/L	Blank <0.001 Standard name DMR-0343-CN Result 0.878 Accuracy 99.4% Limit 0.751 - 1.015
Total Cyanide (CNT) mg/L	Blank <0.001 Standard name DMR-0343-CN Result 1.18 Accuracy 100% Limit 1.003 - 1.357
Iron (Fe) mg/L	Blank <0.01 Standard name DMR-0476-2017-22-Eu Result 11.4 Accuracy 100% Limit 9.1 - 13.7
Fluoride (F) mg/L	Blank <0.02 Standard name Controle maison 2 ppm F Result 1.93 Accuracy 96.5% Limit 1.85 - 2.15
Total Suspended Solids mg/L	Blank <1 Standard name STD-MES 25mg/L Result 24 Accuracy 96% Limit 19 - 31
Manganese (Mn) mg/L	Blank <0.0005 Standard name DMR-0476-2017-22-Eu Result 3.327 Accuracy 85.3% Limit 3.12 - 4.68
Mercury (Hg) mg/L	Blank <0.00001 Standard name DMR-0564-2016-14HgEu Result 0.00066 Accuracy 100% Limit 0.00040 - 0.00092

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Quality control Report

Lab number: V-68472

Sample name: ST-30

Sampling location: WEP 1

Sampling date: September 25, 2017

Sampling hour: 15:00

Parameter	
Molybdenum (Mo) mg/L	Blank <0.0005 Standard name DMR-0476-2017-22-Eu Result 0.5915 Accuracy 83.5% Limit 0.566 - 0.850
Ammonia NH3 (non-ionized) mg N/L	Blank <0.01
Nickel (Ni) mg/L	Blank <0.0005 Standard name DMR-0476-2017-22-Eu Result 1.057 Accuracy 92.7% Limit 0.91 - 1.37
Nitrate (NO3) mg N/L	Blank <0.01
Nitrite (NO2) mg N/L	Blank <0.01 Standard name DMR-0476-2017-NO2 Result 2.72 Accuracy 99.6% Limit 2.30 - 3.12
Lead (Pb) mg/L	Blank <0.0003 Standard name DMR-0476-2017-22-Eu Result 0.8741 Accuracy 96.8% Limit 0.722 - 1.084
Selenium (Se) mg/L	Blank <0.001 Standard name DMR-0476-2017-22-Eu Result 1.23 Accuracy 91.1% Limit 1.08 - 1.62
Sulfate (SO4) mg SO4/L	Blank <0.6 Standard name DMR-0476-2017-SO4 Result 124 Accuracy 99.2% Limit 114 - 132
Thallium (Tl) mg/L	Blank <0.0008 Standard name TI-S140909023-1000ppm Result 1075 Accuracy 92.5% Limit 800 - 1200
Zinc (Zn) mg/L	Blank <0.001 Standard name DMR-0476-2017-22-Eu Result 4.14

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Additional information

Lab number: V-68472

Sample name: ST-30

Sampling location: WEP 1

Sampling date: September 25, 2017

Sampling hour: 15:00

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-CL-2.0	MA.300-Ions 1.3
M-CN-1.0	MA.300-CN 1.2
M-CI-1.0	MA.300-Anions 1.0
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-SULF-2.0	MA.300-Ions 1.3
M-NH3-2.0	MA.300-N 2.0

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-68740

Sampling location: ST-21

Sampling date: October 02, 2017

Sample name: ST-21

Sampling hour: 08:45

Sampled by: TT/IC

Date received: October 03, 2017

Matrix: Waste Water

Drinking water distribution:

Reported on: October 24, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
This report shall not be reproduced except in full without the written authority of the laboratory.



Analytical Report

Lab number: V-68740

Sample name: ST-21

Sampling location: ST-21

Sampling date: October 02, 2017

Sampling hour: 08:45

Parameter	Result	Method name	Analysis date
Alkalinity	112 mg CaCO ₃ /L	M-TIT-1.0	October 03, 2017
Aluminium (Al)	0.052 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Dissolved Aluminium (Al)	0.018 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Dissolved Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Arsenic (As)	0.0076 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Dissolved Arsenic (As)	0.0091 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	51.8 mg N/L	Sous-traitance\Multilab Direct	October 04, 2017
Barium (Ba)	0.0592 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Dissolved Barium (Ba)	0.0627 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Cadmium (Cd)	0.00162 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Dissolved Cadmium (Cd)	0.00191 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Calcium (Ca)	318 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Dissolved Organic Carbon (D.O.C)	26.6 mg/L	M-COT-1.0	October 03, 2017
Chloride	338 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Chrome (Cr)	0.0013 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Dissolved Chromium (Cr)	0.0010 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Copper (Cu)	0.3184 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Dissolved Copper (Cu)	0.2982 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Cyanates (CNO)	44.4 mg CNO/L	Sous-traitance\Multilab Direct	October 05, 2017
Cyanide W.A.D.	0.061 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Total Cyanide (CNT)	0.096 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Hardness	918 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	October 04, 2017
Iron (Fe)	0.27 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Dissolved Iron (Fe)	0.02 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Ferrous Iron (Fe 2+)	0.04 mg/L	Sous-traitance\Multilab Direct	October 05, 2017
Ferric Iron (Fe 3+)	0.23 mg/L	Sous-traitance\Multilab Direct	October 05, 2017
Fluoride (F)	0.58 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Total Suspended Solids	7 mg/L	M-SOLI-1.0	October 04, 2017
Magnesium (Mg)	30.2 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Manganese (Mn)	0.2341 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Dissolved Manganese (Mn)	0.2344 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Mercury (Hg)	0.00028 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Dissolved Mercury (Hg)	0.00027 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Molybdenum (Mo)	0.4269 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Dissolved Molybdenum (Mo)	0.4562 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Ammonia NH ₃ (non-ionized)	1.29 mg N/L	Sous-traitance\Multilab Direct	October 04, 2017
Nickel (Ni)	0.2159 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Dissolved Nickel (Ni)	0.2232 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Nitrate (NO ₃)	2.92 mg N/L	Sous-traitance\Multilab Direct	October 05, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Analytical Report

Lab number: V-68740

Sample name: ST-21

Sampling location: ST-21

Sampling date: October 02, 2017

Sampling hour: 08:45

Parameter	Result	Method name	Analysis date
Nitrite (NO ₂)	0.16 mg N/L	Sous-traitance\Multilab Direct	October 05, 2017
Total Phosphorus (P)	0.06 mg P/L	Sous-traitance\Multilab Direct	October 05, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Dissolved Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Potassium (K)	95.0 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Selenium (Se)	0.044 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Selenium IV	0.002 mg/L	Sous-traitance\CEAEQ	October 16, 2017
Selenium VI	0.037 mg/L	Sous-traitance\CEAEQ	October 16, 2017
Dissolved Selenium (Se)	0.043 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Sodium (Na)	455 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Dissolved Solids	2864 mg/L	M-TIT-1.0	October 03, 2017
Sulfate (SO ₄)	74.2 mg SO ₄ /L	Sous-traitance\Multilab Direct	October 04, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Dissolved thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Thiocyanate (SCN)	98.3 mg SCN/L	Sous-traitance\Multilab Direct	October 05, 2017
Zinc (Zn)	<0.001 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Dissolved Zinc	<0.001 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Acidity	10 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	October 24, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

This report shall not be reproduced except in full without the written authority of the laboratory.



Detection limit

Lab number: V-68740

Sample name: ST-21

Sampling location: ST-21

Sampling date: October 02, 2017

Sampling hour: 08:45

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO ₃ /L	M-TIT-1.0	
Aluminium (Al)	0.003	mg/L	Sous-traitance	
Dissolved Aluminium (Al)	0.003	mg/L	Sous-traitance	
Silver (Ag)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Silver (Ag)	0.0001	mg/L	Sous-traitance	
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Arsenic (As)	0.0005	mg/L	Sous-traitance	
Ammonia nitrogen (NH ₃ -NH ₄)	0.01	mg N/L	Sous-traitance	Yes
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Barium (Ba)	0.0005	mg/L	Sous-traitance	
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Dissolved Cadmium (Cd)	0.00002	mg/L	Sous-traitance	
Calcium (Ca)	0.03	mg/L	Sous-traitance	Yes
Dissolved Organic Carbon (D.O.C)	0.2	mg/L	M-COT-1.0	--
Chloride	0.5	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Dissolved Chromium (Cr)	0.0006	mg/L	Sous-traitance	
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Copper (Cu)	0.0005	mg/L	Sous-traitance	
Cyanates (CNO)	0.01	mg CNO/L	Sous-traitance	
Cyanide W.A.D.	0.001	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO ₃ /L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes
Dissolved Iron (Fe)	0.01	mg/L	Sous-traitance	
Ferrous Iron (Fe 2+)		mg/L	Sous-traitance	
Ferric Iron (Fe 3+)		mg/L	Sous-traitance	
Fluoride (F)	0.01	mg/L	Sous-traitance	Yes
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Magnesium (Mg)	0.02	mg/L	Sous-traitance	Yes
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Manganese (Mn)	0.0003	mg/L	Sous-traitance	
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Dissolved Mercury (Hg)	0.00001	mg/L	Sous-traitance	
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	
Ammonia NH ₃ (non-ionized)	0.01	mg N/L	Sous-traitance	-
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Nickel (Ni)	0.0005	mg/L	Sous-traitance	
Nitrate (NO ₃)	0.01	mg N/L	Sous-traitance	Yes

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Detection limit

Lab number: V-68740

Sample name: ST-21

Sampling location: ST-21

Sampling date: October 02, 2017

Sampling hour: 08:45

Parameter	Value	Unit	Method	Accreditation
Nitrite (NO ₂)	0.01	mg N/L	Sous-traitance	Yes
Total Phosphorus (P)	0.01	mg P/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Dissolved Lead (Pb)	0.0003	mg/L	Sous-traitance	
Potassium (K)	0.05	mg/L	Sous-traitance	
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Selenium IV	0.001	mg/L	Sous-traitance	
Selenium VI	0.001	mg/L	Sous-traitance	
Dissolved Selenium (Se)	0.001	mg/L	Sous-traitance	
Sodium (Na)	0.05	mg/L	Sous-traitance	Yes
Dissolved Solids	1	mg/L	M-TIT-1.0	
Sulfate (SO ₄)	0.6	mg SO ₄ /L	Sous-traitance	Yes
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Dissolved thallium (Tl)	0.0008	mg/L	Sous-traitance	
Thiocyanate (SCN)	0.05	mg SCN/L	Sous-traitance	Yes
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes
Dissolved Zinc	0.001	mg/L	Sous-traitance	
Acidity	2	mg CaCO ₃ /L	M-TIT-1.0	

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Quality control Report

Lab number: V-68740

Sample name: ST-21

Sampling location: ST-21

Sampling date: October 02, 2017

Sampling hour: 08:45

Parameter	
Acidity mg CaCO ₃ /L	Standard name CQ-Acidité-2017-09-27 Result 220 Accuracy 88% Limit 213 - 288
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 135 Accuracy 93.1% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006 Standard name C00-046-705_X_1000 Result 0.880 Accuracy 88% Limit 0.800 - 1.200
Dissolved Aluminium (Al) mg/L	Blank <0.006 Standard name C00-046-705_X_1000 Result 0.893 Accuracy 89.3% Limit 0.800 - 1.200
Silver (Ag) mg/L	Blank <0.0001
Dissolved Silver (Ag) mg/L	Blank <0.0001
Arsenic (As) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0786 Accuracy 78.6% Limit 0.0700 - 0.1300
Dissolved Arsenic (As) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0811 Accuracy 81.1% Limit 0.0800 - 0.1200
Ammonia nitrogen (NH ₃ -NH ₄) m	Blank <0.01
Barium (Ba) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0833 Accuracy 83.3% Limit 0.0800 - 0.1200
Dissolved Barium (Ba) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0831 Accuracy 83.1%

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Quality control Report

Lab number: V-68740

Sample name: ST-21

Sampling location: ST-21

Sampling date: October 02, 2017

Sampling hour: 08:45

Parameter	
Cadmium (Cd) mg/L	Limit 0.0800 - 0.1200
	Blank <0.00002
	Standard name DMR-0476-2017-22-Eu
	Result 0.88228
	Accuracy 97.9%
Dissolved Cadmium (Cd) mg/L	Limit 0.721 - 1.081
	Blank <0.00002
	Standard name DMR-0476-2017-22-Eu
	Result 0.80257
	Accuracy 89.1%
Calcium (Ca) mg/L	Limit 0.721 - 1.081
	Blank <0.03
	Standard name C00-046-705_X_1000
	Result 0.84
	Accuracy 84%
Dissolved Organic Carbon (D.O.C) mg/L	Limit 0.800 - 1.200
	Blank <0.2
	Standard name COD 10mg/L
	Result 11
	Accuracy 90%
Chloride mg/L	Limit 8 - 12
	Blank <0.5
	Standard name DMR-0476-2017-13-CL
	Result 108
	Accuracy 100%
Chrome (Cr) mg/L	Limit 95 - 121
	Blank <0.0006
	Standard name C00-046-705_X_1000
	Result 0.0809
	Accuracy 80.9%
Dissolved Chromium (Cr) mg/L	Limit 0.0800 - 0.1200
	Blank <0.0006
	Standard name C00-046-705_X_1000
	Result 0.0838
	Accuracy 83.8%
Copper (Cu) mg/L	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0885
	Accuracy 88.5%

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Quality control Report

Lab number: V-68740

Sample name: ST-21

Sampling location: ST-21

Sampling date: October 02, 2017

Sampling hour: 08:45

Parameter	
Dissolved Copper (Cu) mg/L	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0910
	Accuracy 91%
Cyanates (CNO) mg CNO/L	Limit 0.0800 - 0.1200
	Blank <0.01
	Standard name Controle Maison CNO 250 ppm
	Result 303
	Accuracy 78.8%
Cyanide W.A.D. mg/L	Limit 175 - 325
	Blank <0.001
	Standard name DMR-0343-CN
	Result 0.858
	Accuracy 97.2%
Total Cyanide (CNT) mg/L	Limit 0.751 - 1.015
	Blank <0.001
	Standard name DMR-0343-CN
	Result 1.18
	Accuracy 100%
Iron (Fe) mg/L	Limit 1.003 - 1.357
	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.04
	Accuracy 96%
Dissolved Iron (Fe) mg/L	Limit 0.800 - 1.200
	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.06
	Accuracy 94%
Ferrous Iron (Fe 2+) mg/L	Limit 0.800 - 1.200
	Blank <0.01
	Standard name Maison-Fe++-0.5ppm
	Result 0.52
	Accuracy 96%
Ferric Iron (Fe 3+) mg/L	Limit 0.4 - 0.6
	Blank <0.01
Fluoride (F) mg/L	Blank <0.01
Total Suspended Solids mg/L	Blank <1
	Standard name STD-MES 25mg/L

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Quality control Report

Lab number: V-68740

Sample name: ST-21

Sampling location: ST-21

Sampling date: October 02, 2017

Sampling hour: 08:45

Parameter	
	Result 23
	Accuracy 92%
	Limit 19 - 31
Magnesium (Mg) mg/L	Blank <0.02
	Standard name C00-046-705_X_1000
	Result 0.86
	Accuracy 86%
	Limit 0.800 - 1.200
Manganese (Mn) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0843
	Accuracy 84.3%
	Limit 0.0800 - 0.1200
Dissolved Manganese (Mn) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0867
	Accuracy 86.7%
	Limit 0.0800 - 0.1200
Mercury (Hg) mg/L	Blank <0.00001
	Standard name DMR-0426-2016-HgEu-1
	Result 0.00325
	Accuracy 75.6%
	Limit 0.0026 - 0.0060
Dissolved Mercury (Hg) mg/L	Blank <0.00001
	Standard name DMR-0426-2016-HgEu-1
	Result 0.00335
	Accuracy 77.9%
	Limit 0.0026 - 0.0060
Molybdenum (Mo) mg/L	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu
	Result 0.6375
	Accuracy 90%
	Limit 0.566 - 0.850
Dissolved Molybdenum (Mo) mg/L	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu
	Result 0.5799
	Accuracy 81.9%
	Limit 0.566 - 0.850
Ammonia NH3 (non-ionized) mg	Blank <0.01
Nickel (Ni) mg/L	Blank <0.0005

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Quality control Report

Lab number: V-68740

Sample name: ST-21

Sampling location: ST-21

Sampling date: October 02, 2017

Sampling hour: 08:45

Parameter	
Dissolved Nickel (Ni) mg/L	Standard name C00-046-705_X_1000
	Result 0.0860
	Accuracy 86%
	Limit 0.0800 - 0.1200
	Blank <0.0005
Nitrate (NO3) mg N/L	Standard name C00-046-705_X_1000
	Result 0.0875
	Accuracy 87.5%
	Limit 0.0800 - 0.1200
	Blank <0.01
Nitrite (NO2) mg N/L	Standard name DMR-0476-2017-NO2
	Result 2.74
	Accuracy 98.9%
	Limit 2.30 - 3.12
	Blank <0.01
Total Phosphorus (P) mg P/L	Standard name DMR-0476-2017-Ptotal
	Result 1.18
	Accuracy 96.5%
	Limit 1.00 - 1.28
	Blank <0.01
Lead (Pb) mg/L	Standard name C00-046-705_X_1000
	Result 0.0805
	Accuracy 80.5%
	Limit 0.0800 - 0.1200
	Blank <0.0003
Dissolved Lead (Pb) mg/L	Standard name C00-046-705_X_1000
	Result 0.0833
	Accuracy 83.3%
	Limit 0.0800 - 0.1200
	Blank <0.0003
Potassium (K) mg/L	Standard name C00-046-705_X_1000
	Result 0.86
	Accuracy 86%
	Limit 0.800 - 1.200
	Blank <0.05
Selenium (Se) mg/L	Standard name C00-046-705_X_1000
	Result 0.088
	Accuracy 88%
	Limit 0.0800 - 0.1200
	Blank <0.001

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Quality control Report

Lab number: V-68740

Sample name: ST-21

Sampling location: ST-21

Sampling date: October 02, 2017

Sampling hour: 08:45

Parameter

Dissolved Selenium (Se) mg/L Blank <0.001
Standard name C00-046-705_X_1000
Result 0.090
Accuracy 90%
Limit 0.0800 - 0.1200

Sodium (Na) mg/L Blank <0.05
Standard name DMR-0476-2017-22-Eu
Result 28.1
Accuracy 96.3%
Limit 21.7 - 32.5

Sulfate (SO4) mg SO4/L Blank <0.6
Standard name DMR-0476-2017-SO4
Result 124
Accuracy 99.2%
Limit 114 - 132

Thallium (Tl) mg/L Blank <0.0008
Standard name Tl-S140909023-1000ppm
Result 918
Accuracy 91.8%
Limit 800 - 1200

Dissolved thallium (Tl) mg/L Blank <0.0008
Standard name Tl-S140909023-1000ppm
Result 914
Accuracy 91.4%
Limit 800 - 1200

Thiocyanate (SCN) mg SCN/L Blank <0.05
Standard name STD SCN 568ppm
Result 732
Accuracy 71.1%
Limit 398 - 738

Zinc (Zn) mg/L Blank <0.001
Standard name C00-046-705_X_1000
Result 0.087
Accuracy 87%
Limit 0.0800 - 0.1200

Dissolved Zinc mg/L Blank <0.001
Standard name C00-046-705_X_1000
Result 0.089
Accuracy 89%
Limit 0.0800 - 0.1200

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Additional information

Lab number: V-68740

Sample name: ST-21

Sampling location: ST-21

Sampling date: October 02, 2017

Sampling hour: 08:45

Use PO 623912

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-NH3-2.0	MA.300-N 2.0
M-CL-2.0	MA.300-Ions 1.3
M-CI-1.0	MA.300-Anions 1.0
M-CN-1.0	MA.300-CN 1.2
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-P-3.0	MA. 315-P 2.0
M-SULF-2.0	MA.300-Ions 1.3

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-68741

Sampling location: ST-S-5

Sampling date: October 02, 2017

Sample name: ST-S-5 eng

Sampling hour: 08:30

Sampled by: Tom T/Isabelle C

Date received: October 03, 2017

Matrix: Water

Corrected certificate, replacing the certificate V-68741 done on October 08 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Lab number: V-68741

Sample name: ST-S-5 eng

Sampling location: ST-S-5

Sampling date: October 02, 2017

Sampling hour: 08:30

Parameter	Result	Method name	Analysis date
Alkalinity	117 mg CaCO ₃ /L	M-TIT-1.0	October 03, 2017
Aluminium (Al)	0.031 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Dissolved Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Dissolved Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Arsenic (As)	0.0236 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Dissolved Arsenic (As)	0.0085 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	30.8 mg N/L	Sous-traitance\Multilab Direct	October 04, 2017
Barium (Ba)	0.0163 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Dissolved Barium (Ba)	0.0163 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Cadmium (Cd)	0.00089 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Dissolved Cadmium (Cd)	0.00088 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Calcium (Ca)	308 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Dissolved Organic Carbon (D.O.C.)	34.3 mg/L	M-COT-1.0	October 03, 2017
Chloride	382 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Chrome (Cr)	0.0015 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Dissolved Chromium (Cr)	0.0008 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Copper (Cu)	0.0039 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Dissolved Copper (Cu)	0.0033 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Cyanide W.A.D.	0.051 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Total Cyanide (CNT)	0.180 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Hardness	980 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	October 04, 2017
Iron (Fe)	1.39 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Dissolved Iron (Fe)	0.02 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Ferrous Iron (Fe 2+)	0.07 mg/L	Sous-traitance\Multilab Direct	October 05, 2017
Ferric Iron (Fe 3+)	1.32 mg/L	Sous-traitance\Multilab Direct	October 05, 2017
Fluoride (F)	0.71 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Total Suspended Solids	8 mg/L	M-SOLI-1.0	October 04, 2017
Magnesium (Mg)	51.3 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Manganese (Mn)	1.958 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Dissolved Manganese (Mn)	1.951 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	October 05, 2017
Dissolved Mercury (Hg)	0.00005 mg/L	Sous-traitance\Multilab Direct	October 05, 2017
Molybdenum (Mo)	0.2430 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Dissolved Molybdenum (Mo)	0.2466 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Ammonia NH ₃ (non-ionized)	0.64 mg N/L	Sous-traitance\Multilab Direct	October 04, 2017
Nickel (Ni)	0.0181 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Dissolved Nickel (Ni)	0.0182 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Nitrate (NO ₃)	0.35 mg N/L	Sous-traitance\Multilab Direct	October 05, 2017
Nitrite (NO ₂)	0.03 mg N/L	Sous-traitance\Multilab Direct	October 05, 2017

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Analytical Report

Lab number: V-68741

Sample name: ST-S-5 eng

Sampling location: ST-S-5

Sampling date: October 02, 2017

Sampling hour: 08:30

Parameter	Result	Method name	Analysis date
Dissolved oxygen	10.0 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Total Phosphorus (P)	0.07 mg P/L	Sous-traitance\Multilab Direct	October 05, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Dissolved Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Potassium (K)	65.4 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Selenium (Se)	0.013 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Dissolved Selenium (Se)	0.014 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Sodium (Na)	414 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Dissolved Solids	2623 mg/L	M-TIT-1.0	October 03, 2017
Sulfate (SO4)	168 mg SO4/L	Sous-traitance\Multilab Direct	October 04, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Dissolved thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Zinc (Zn)	<0.001 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Dissolved Zinc	<0.001 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Acidity	13 mg CaCO3/L	Sous-traitance\Multilab Direct	October 11, 2017

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Detection limit

Lab number: V-68741

Sample name: ST-S-5 eng

Sampling date: October 02, 2017

Sampling location: ST-S-5

Sampling hour: 08:30

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO ₃ /L	M-TIT-1.0	
Aluminium (Al)	0.003	mg/L	Sous-traitance	
Dissolved Aluminium (Al)	0.003	mg/L	Sous-traitance	
Silver (Ag)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Silver (Ag)	0.0001	mg/L	Sous-traitance	
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Arsenic (As)	0.0005	mg/L	Sous-traitance	
Ammonia nitrogen (NH ₃ -NH ₄)	0.01	mg N/L	Sous-traitance	Yes
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Barium (Ba)	0.0005	mg/L	Sous-traitance	
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Dissolved Cadmium (Cd)	0.00002	mg/L	Sous-traitance	
Calcium (Ca)	0.03	mg/L	Sous-traitance	Yes
Dissolved Organic Carbon (D.O.C.)	0.2	mg/L	M-COT-1.0	--
Chloride	0.5	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Dissolved Chromium (Cr)	0.0006	mg/L	Sous-traitance	
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Copper (Cu)	0.0005	mg/L	Sous-traitance	
Cyanide W.A.D.	0.001	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO ₃ /L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes
Dissolved Iron (Fe)	0.01	mg/L	Sous-traitance	
Ferrous Iron (Fe 2+)		mg/L	Sous-traitance	
Ferric Iron (Fe 3+)		mg/L	Sous-traitance	
Fluoride (F)	0.01	mg/L	Sous-traitance	Yes
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Magnesium (Mg)	0.02	mg/L	Sous-traitance	Yes
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Manganese (Mn)	0.0003	mg/L	Sous-traitance	
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Dissolved Mercury (Hg)	0.00001	mg/L	Sous-traitance	
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	
Ammonia NH ₃ (non-ionized)	0.01	mg N/L	Sous-traitance	-
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Nickel (Ni)	0.0005	mg/L	Sous-traitance	
Nitrate (NO ₃)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO ₂)	0.01	mg N/L	Sous-traitance	Yes

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Detection limit

Lab number: V-68741

Sample name: ST-S-5 eng

Sampling date: October 02, 2017

Sampling location: ST-S-5

Sampling hour: 08:30

Parameter	Value	Unit	Method	Accreditation
Dissolved oxygen	0.1	mg/L	Sous-traitance	
Total Phosphorus (P)	0.01	mg P/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Dissolved Lead (Pb)	0.0003	mg/L	Sous-traitance	
Potassium (K)	0.05	mg/L	Sous-traitance	
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Dissolved Selenium (Se)	0.001	mg/L	Sous-traitance	
Sodium (Na)	0.05	mg/L	Sous-traitance	Yes
Dissolved Solids	1	mg/L	M-TIT-1.0	
Sulfate (SO4)	0.6	mg SO4/L	Sous-traitance	Yes
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Dissolved thallium (Tl)	0.0008	mg/L	Sous-traitance	
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes
Dissolved Zinc	0.001	mg/L	Sous-traitance	
Acidity	2	mg CaCO3/L	M-TIT-1.0	

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Quality control Report

Lab number: V-68741

Sample name: ST-S-5 eng

Sampling location: ST-S-5

Sampling date: October 02, 2017

Sampling hour: 08:30

Parameter	
Acidity mg CaCO ₃ /L	Standard name CQ-Acidité-2017-09-27 Result 238 Accuracy 95.2% Limit 213 - 288
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 135 Accuracy 93.1% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006 Standard name C00-046-705_X_1000 Result 0.880 Accuracy 88% Limit 0.800 - 1.200
Dissolved Aluminium (Al) mg/L	Blank <0.006 Standard name C00-046-705_X_1000 Result 0.893 Accuracy 89.3% Limit 0.800 - 1.200
Silver (Ag) mg/L	Blank <0.0001
Dissolved Silver (Ag) mg/L	Blank <0.0001
Arsenic (As) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0786 Accuracy 78.6% Limit 0.0700 - 0.1300
Dissolved Arsenic (As) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0811 Accuracy 81.1% Limit 0.0800 - 0.1200
Ammonia nitrogen (NH ₃ -NH ₄) mg N/L	Blank <0.01
Barium (Ba) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0833 Accuracy 83.3% Limit 0.0800 - 0.1200
Dissolved Barium (Ba) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0831 Accuracy 83.1%

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Quality control Report

Lab number: V-68741

Sample name: ST-S-5 eng

Sampling location: ST-S-5

Sampling date: October 02, 2017

Sampling hour: 08:30

Parameter	
Cadmium (Cd) mg/L	Limit 0.0800 - 0.1200
	Blank <0.00002
	Standard name DMR-0476-2017-22-Eu
	Result 0.88228
	Accuracy 97.9%
Dissolved Cadmium (Cd) mg/L	Limit 0.721 - 1.081
	Blank <0.00002
	Standard name DMR-0476-2017-22-Eu
	Result 0.80257
	Accuracy 89.1%
Calcium (Ca) mg/L	Limit 0.721 - 1.081
	Blank <0.03
	Standard name C00-046-705_X_1000
	Result 0.84
	Accuracy 84%
Dissolved Organic Carbon (D.O.C.) mg/L	Limit 0.800 - 1.200
	Blank <0.2
	Standard name COD 10mg/L
	Result 11
	Accuracy 90%
Chloride mg/L	Limit 8 - 12
	Blank <0.5
	Standard name DMR-0476-2017-13-CL
	Result 108
	Accuracy 100%
Chrome (Cr) mg/L	Limit 95 - 121
	Blank <0.0006
	Standard name C00-046-705_X_1000
	Result 0.0809
	Accuracy 80.9%
Dissolved Chromium (Cr) mg/L	Limit 0.0800 - 0.1200
	Blank <0.0006
	Standard name C00-046-705_X_1000
	Result 0.0838
	Accuracy 83.8%
Copper (Cu) mg/L	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0885
	Accuracy 88.5%

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Quality control Report

Lab number: V-68741

Sample name: ST-S-5 eng

Sampling location: ST-S-5

Sampling date: October 02, 2017

Sampling hour: 08:30

Parameter	
Dissolved Copper (Cu) mg/L	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0910
	Accuracy 91%
Cyanide W.A.D. mg/L	Limit 0.0800 - 0.1200
	Blank <0.001
	Standard name DMR-0343-CN
	Result 0.858
	Accuracy 97.2%
Total Cyanide (CNT) mg/L	Limit 0.751 - 1.015
	Blank <0.001
	Standard name DMR-0343-CN
	Result 1.18
	Accuracy 100%
Iron (Fe) mg/L	Limit 1.003 - 1.357
	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.04
	Accuracy 96%
Dissolved Iron (Fe) mg/L	Limit 0.800 - 1.200
	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.06
	Accuracy 94%
Ferrous Iron (Fe 2+) mg/L	Limit 0.800 - 1.200
	Blank <0.01
	Standard name Maison-Fe++-0.5ppm
	Result 0.52
	Accuracy 96%
Ferric Iron (Fe 3+) mg/L	Limit 0.4 - 0.6
	Blank <0.01
	Blank <0.01
	Blank <1
	Standard name STD-MES 25mg/L
Fluoride (F) mg/L	Result 23
	Accuracy 92%
	Limit 19 - 31
	Blank <0.02
	Standard name C00-046-705_X_1000
Total Suspended Solids mg/L	Blank <1
	Standard name STD-MES 25mg/L
	Result 23
	Accuracy 92%
	Limit 19 - 31
Magnesium (Mg) mg/L	Blank <0.02
	Standard name C00-046-705_X_1000

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Quality control Report

Lab number: V-68741

Sample name: ST-S-5 eng

Sampling location: ST-S-5

Sampling date: October 02, 2017

Sampling hour: 08:30

Parameter	
Manganese (Mn) mg/L	Result 0.86
	Accuracy 86%
	Limit 0.800 - 1.200
	Blank <0.0005
	Standard name C00-046-705_X_1000
Dissolved Manganese (Mn) mg/L	Result 0.0843
	Accuracy 84.3%
	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name C00-046-705_X_1000
Mercury (Hg) mg/L	Result 0.0867
	Accuracy 86.7%
	Limit 0.0800 - 0.1200
	Blank <0.00001
	Standard name DMR-0426-2016-HgEu-1
Dissolved Mercury (Hg) mg/L	Result 0.00319
	Accuracy 74.2%
	Limit 0.0026 - 0.0060
	Blank <0.00001
	Standard name DMR-0426-2016-HgEu-1
Molybdenum (Mo) mg/L	Result 0.00333
	Accuracy 77.4%
	Limit 0.0026 - 0.0060
	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu
Dissolved Molybdenum (Mo) mg/L	Result 0.6375
	Accuracy 90%
	Limit 0.566 - 0.850
	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu
Ammonia NH3 (non-ionized) mg N/L	Result 0.5799
	Accuracy 81.9%
	Limit 0.566 - 0.850
	Blank <0.01
Nickel (Ni) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0860
	Accuracy 86%
	Limit 0.0800 - 0.1200
Dissolved Nickel (Ni) mg/L	Blank <0.0005

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Quality control Report

Lab number: V-68741

Sample name: ST-S-5 eng

Sampling location: ST-S-5

Sampling date: October 02, 2017

Sampling hour: 08:30

Parameter	
	Standard name C00-046-705_X_1000
	Result 0.0875
	Accuracy 87.5%
	Limit 0.0800 - 0.1200
Nitrate (NO3) mg N/L	Blank <0.01
Nitrite (NO2) mg N/L	Blank <0.01
	Standard name DMR-0476-2017-NO2
	Result 2.74
	Accuracy 98.9%
	Limit 2.30 - 3.12
Total Phosphorus (P) mg P/L	Blank <0.01
	Standard name DMR-0476-2017-Ptotal
	Result 1.18
	Accuracy 96.5%
	Limit 1.00 - 1.28
Lead (Pb) mg/L	Blank <0.0003
	Standard name C00-046-705_X_1000
	Result 0.0805
	Accuracy 80.5%
	Limit 0.0800 - 0.1200
Dissolved Lead (Pb) mg/L	Blank <0.0003
	Standard name C00-046-705_X_1000
	Result 0.0833
	Accuracy 83.3%
	Limit 0.0800 - 0.1200
Potassium (K) mg/L	Blank <0.05
	Standard name C00-046-705_X_1000
	Result 0.86
	Accuracy 86%
	Limit 0.800 - 1.200
Selenium (Se) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.088
	Accuracy 88%
	Limit 0.0800 - 0.1200
Dissolved Selenium (Se) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.090
	Accuracy 90%
	Limit 0.0800 - 0.1200

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Quality control Report

Lab number: V-68741

Sample name: ST-S-5 eng

Sampling location: ST-S-5

Sampling date: October 02, 2017

Sampling hour: 08:30

Parameter

Sodium (Na) mg/L	Blank <0.05 Standard name DMR-0476-2017-22-Eu Result 28.1 Accuracy 96.3% Limit 21.7 - 32.5
Sulfate (SO4) mg SO4/L	Blank <0.6 Standard name DMR-0476-2017-SO4 Result 124 Accuracy 99.2% Limit 114 - 132
Thallium (Tl) mg/L	Blank <0.0008 Standard name TI-S140909023-1000ppm Result 918 Accuracy 91.8% Limit 800 - 1200
Dissolved thallium (Tl) mg/L	Blank <0.0008 Standard name TI-S140909023-1000ppm Result 914 Accuracy 91.4% Limit 800 - 1200
Zinc (Zn) mg/L	Blank <0.001 Standard name C00-046-705_X_1000 Result 0.087 Accuracy 87% Limit 0.0800 - 0.1200
Dissolved Zinc mg/L	Blank <0.001 Standard name C00-046-705_X_1000 Result 0.089 Accuracy 89% Limit 0.0800 - 0.1200

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Additional information

Lab number: V-68741
Sample name: ST-S-5 eng
Sampling location: ST-S-5

Sampling date: October 02, 2017
Sampling hour: 08:30

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-NH3-2.0	MA.300-N 2.0
M-CL-2.0	MA.300-Ions 1.3
M-CN-1.0	MA.300-CN 1.2
M-CI-1.0	MA.300-Anions 1.0
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-P-3.0	MA. 315-P 2.0
M-SULF-2.0	MA.300-Ions 1.3

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-68741

Sampling location: ST-S-5

Sampling date: October 02, 2017

Sample name: ST-S-5 eng

Sampling hour: 08:30

Sampled by: Tom T/Isabelle C

Date received: October 03, 2017

Matrix: Water

Drinking water distribution:

Reported on: October 08, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

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Analytical Report

Lab number: V-68741

Sample name: ST-S-5 eng

Sampling location: ST-S-5

Sampling date: October 02, 2017

Sampling hour: 08:30

Parameter	Result	Method name	Analysis date
Acidity	mg CaCO ₃ /L	Sous-traitance\Multilab Direct	
Alkalinity	117 mg CaCO ₃ /L	M-TIT-1.0	October 03, 2017
Aluminium (Al)	0.031 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Dissolved Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Dissolved Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Arsenic (As)	0.0236 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Dissolved Arsenic (As)	0.0085 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	30.8 mg N/L	Sous-traitance\Multilab Direct	October 04, 2017
Barium (Ba)	0.0163 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Dissolved Barium (Ba)	0.0163 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Cadmium (Cd)	0.00089 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Dissolved Cadmium (Cd)	0.00088 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Calcium (Ca)	308 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Dissolved Organic Carbon (D.O.C.)	34.3 mg/L	M-COT-1.0	October 03, 2017
Chloride	382 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Chrome (Cr)	0.0015 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Dissolved Chromium (Cr)	0.0008 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Copper (Cu)	0.0039 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Dissolved Copper (Cu)	0.0033 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Cyanide W.A.D.	0.051 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Total Cyanide (CNT)	0.180 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Hardness	980 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	October 04, 2017
Iron (Fe)	1.39 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Dissolved Iron (Fe)	0.02 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Ferrous Iron (Fe 2+)	0.07 mg/L	Sous-traitance\Multilab Direct	October 05, 2017
Ferric Iron (Fe 3+)	1.32 mg/L	Sous-traitance\Multilab Direct	October 05, 2017
Fluoride (F)	0.71 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Total Suspended Solids	8 mg/L	M-SOLI-1.0	October 04, 2017
Magnesium (Mg)	51.3 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Manganese (Mn)	1.958 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Dissolved Manganese (Mn)	1.951 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	October 05, 2017
Dissolved Mercury (Hg)	0.00005 mg/L	Sous-traitance\Multilab Direct	October 05, 2017
Molybdenum (Mo)	0.2430 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Dissolved Molybdenum (Mo)	0.2466 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Ammonia NH ₃ (non-ionized)	0.64 mg N/L	Sous-traitance\Multilab Direct	October 04, 2017
Nickel (Ni)	0.0181 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Dissolved Nickel (Ni)	0.0182 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Nitrate (NO ₃)	0.35 mg N/L	Sous-traitance\Multilab Direct	October 05, 2017

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Analytical Report

Lab number: V-68741

Sample name: ST-S-5 eng

Sampling location: ST-S-5

Sampling date: October 02, 2017

Sampling hour: 08:30

Parameter	Result	Method name	Analysis date
Nitrite (NO ₂)	0.03 mg N/L	Sous-traitance\Multilab Direct	October 05, 2017
Dissolved oxygen	10.0 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Total Phosphorus (P)	0.07 mg P/L	Sous-traitance\Multilab Direct	October 05, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Dissolved Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Potassium (K)	65.4 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Selenium (Se)	0.013 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Dissolved Selenium (Se)	0.014 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Sodium (Na)	414 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Dissolved Solids	2623 mg/L	M-TIT-1.0	October 03, 2017
Sulfate (SO ₄)	168 mg SO ₄ /L	Sous-traitance\Multilab Direct	October 04, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Dissolved thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Zinc (Zn)	<0.001 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Dissolved Zinc	<0.001 mg/L	Sous-traitance\Multilab Direct	October 04, 2017

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Detection limit

Lab number: V-68741

Sample name: ST-S-5 eng

Sampling date: October 02, 2017

Sampling location: ST-S-5

Sampling hour: 08:30

Parameter	Value	Unit	Method	Accreditation
Acidity	2	mg CaCO ₃ /L	M-TIT-1.0	
Alkalinity	2	mg CaCO ₃ /L	M-TIT-1.0	
Aluminium (Al)	0.003	mg/L	Sous-traitance	
Dissolved Aluminium (Al)	0.003	mg/L	Sous-traitance	
Silver (Ag)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Silver (Ag)	0.0001	mg/L	Sous-traitance	
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Arsenic (As)	0.0005	mg/L	Sous-traitance	
Ammonia nitrogen (NH ₃ -NH ₄)	0.01	mg N/L	Sous-traitance	Yes
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Barium (Ba)	0.0005	mg/L	Sous-traitance	
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Dissolved Cadmium (Cd)	0.00002	mg/L	Sous-traitance	
Calcium (Ca)	0.03	mg/L	Sous-traitance	Yes
Dissolved Organic Carbon (D.O.C.)	0.2	mg/L	M-COT-1.0	--
Chloride	0.5	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Dissolved Chromium (Cr)	0.0006	mg/L	Sous-traitance	
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Copper (Cu)	0.0005	mg/L	Sous-traitance	
Cyanide W.A.D.	0.001	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO ₃ /L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes
Dissolved Iron (Fe)	0.01	mg/L	Sous-traitance	
Ferrous Iron (Fe 2+)		mg/L	Sous-traitance	
Ferric Iron (Fe 3+)		mg/L	Sous-traitance	
Fluoride (F)	0.01	mg/L	Sous-traitance	Yes
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Magnesium (Mg)	0.02	mg/L	Sous-traitance	Yes
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Manganese (Mn)	0.0003	mg/L	Sous-traitance	
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Dissolved Mercury (Hg)	0.00001	mg/L	Sous-traitance	
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	
Ammonia NH ₃ (non-ionized)	0.01	mg N/L	Sous-traitance	-
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Nickel (Ni)	0.0005	mg/L	Sous-traitance	
Nitrate (NO ₃)	0.01	mg N/L	Sous-traitance	Yes

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

This report shall not be reproduced except in full without the written authority of the laboratory.



Detection limit

Lab number: V-68741

Sample name: ST-S-5 eng

Sampling date: October 02, 2017

Sampling location: ST-S-5

Sampling hour: 08:30

Parameter	Value	Unit	Method	Accreditation
Nitrite (NO ₂)	0.01	mg N/L	Sous-traitance	Yes
Dissolved oxygen	0.1	mg/L	Sous-traitance	
Total Phosphorus (P)	0.01	mg P/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Dissolved Lead (Pb)	0.0003	mg/L	Sous-traitance	
Potassium (K)	0.05	mg/L	Sous-traitance	
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Dissolved Selenium (Se)	0.001	mg/L	Sous-traitance	
Sodium (Na)	0.05	mg/L	Sous-traitance	Yes
Dissolved Solids	1	mg/L	M-TIT-1.0	
Sulfate (SO ₄)	0.6	mg SO ₄ /L	Sous-traitance	Yes
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Dissolved thallium (Tl)	0.0008	mg/L	Sous-traitance	
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes
Dissolved Zinc	0.001	mg/L	Sous-traitance	

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Quality control Report

Lab number: V-68741

Sample name: ST-S-5 eng

Sampling location: ST-S-5

Sampling date: October 02, 2017

Sampling hour: 08:30

Parameter	
Alkalinity mg CaCO3/L	Standard name STD alcalinité Result 135 Accuracy 93.1% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006
	Standard name C00-046-705_X_1000 Result 0.880 Accuracy 88% Limit 0.800 - 1.200
Dissolved Aluminium (Al) mg/L	Blank <0.006
	Standard name C00-046-705_X_1000 Result 0.893 Accuracy 89.3% Limit 0.800 - 1.200
Silver (Ag) mg/L	Blank <0.0001
Dissolved Silver (Ag) mg/L	Blank <0.0001
Arsenic (As) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000 Result 0.0786 Accuracy 78.6% Limit 0.0700 - 0.1300
Dissolved Arsenic (As) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000 Result 0.0811 Accuracy 81.1% Limit 0.0800 - 0.1200
Ammonia nitrogen (NH3-NH4) m	Blank <0.01
Barium (Ba) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000 Result 0.0833 Accuracy 83.3% Limit 0.0800 - 0.1200
Dissolved Barium (Ba) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000 Result 0.0831 Accuracy 83.1% Limit 0.0800 - 0.1200
Cadmium (Cd) mg/L	Blank <0.00002
	Standard name DMR-0476-2017-22-Eu Result 0.88228

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Quality control Report

Lab number: V-68741

Sample name: ST-S-5 eng

Sampling location: ST-S-5

Sampling date: October 02, 2017

Sampling hour: 08:30

Parameter	
Dissolved Cadmium (Cd) mg/L	Accuracy 97.9%
	Limit 0.721 - 1.081
	Blank <0.00002
	Standard name DMR-0476-2017-22-Eu
	Result 0.80257
Calcium (Ca) mg/L	Accuracy 89.1%
	Limit 0.721 - 1.081
	Blank <0.03
	Standard name C00-046-705_X_1000
	Result 0.84
Dissolved Organic Carbon (D.O.C) mg/L	Accuracy 84%
	Limit 0.800 - 1.200
	Blank <0.2
	Standard name COD 10mg/L
	Result 11
Chloride mg/L	Accuracy 90%
	Limit 8 - 12
	Blank <0.5
	Standard name DMR-0476-2017-13-CL
	Result 108
Chrome (Cr) mg/L	Accuracy 100%
	Limit 95 - 121
	Blank <0.0006
	Standard name C00-046-705_X_1000
	Result 0.0809
Dissolved Chromium (Cr) mg/L	Accuracy 80.9%
	Limit 0.0800 - 0.1200
	Blank <0.0006
	Standard name C00-046-705_X_1000
	Result 0.0838
Copper (Cu) mg/L	Accuracy 83.8%
	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0885
Dissolved Copper (Cu) mg/L	Accuracy 88.5%
	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0910

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Quality control Report

Lab number: V-68741

Sample name: ST-S-5 eng

Sampling location: ST-S-5

Sampling date: October 02, 2017

Sampling hour: 08:30

Parameter	
	Accuracy 91%
	Limit 0.0800 - 0.1200
Cyanide W.A.D. mg/L	Blank <0.001
	Standard name DMR-0343-CN
	Result 0.858
	Accuracy 97.2%
	Limit 0.751 - 1.015
Total Cyanide (CNT) mg/L	Blank <0.001
	Standard name DMR-0343-CN
	Result 1.18
	Accuracy 100%
	Limit 1.003 - 1.357
Iron (Fe) mg/L	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.04
	Accuracy 96%
	Limit 0.800 - 1.200
Dissolved Iron (Fe) mg/L	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.06
	Accuracy 94%
	Limit 0.800 - 1.200
Ferrous Iron (Fe 2+) mg/L	Blank <0.01
	Standard name Maison-Fe++-0.5ppm
	Result 0.52
	Accuracy 96%
	Limit 0.4 - 0.6
Ferric Iron (Fe 3+) mg/L	Blank <0.01
Fluoride (F) mg/L	Blank <0.01
Total Suspended Solids mg/L	Blank <1
	Standard name STD-MES 25mg/L
	Result 23
	Accuracy 92%
	Limit 19 - 31
Magnesium (Mg) mg/L	Blank <0.02
	Standard name C00-046-705_X_1000
	Result 0.86
	Accuracy 86%
	Limit 0.800 - 1.200
Manganese (Mn) mg/L	Blank <0.0005

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Quality control Report

Lab number: V-68741

Sample name: ST-S-5 eng

Sampling location: ST-S-5

Sampling date: October 02, 2017

Sampling hour: 08:30

Parameter	
	Standard name C00-046-705_X_1000
	Result 0.0843
	Accuracy 84.3%
	Limit 0.0800 - 0.1200
Dissolved Manganese (Mn) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0867
	Accuracy 86.7%
	Limit 0.0800 - 0.1200
Mercury (Hg) mg/L	Blank <0.00001
	Standard name DMR-0426-2016-HgEu-1
	Result 0.00319
	Accuracy 74.2%
	Limit 0.0026 - 0.0060
Dissolved Mercury (Hg) mg/L	Blank <0.00001
	Standard name DMR-0426-2016-HgEu-1
	Result 0.00333
	Accuracy 77.4%
	Limit 0.0026 - 0.0060
Molybdenum (Mo) mg/L	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu
	Result 0.6375
	Accuracy 90%
	Limit 0.566 - 0.850
Dissolved Molybdenum (Mo) mg/L	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu
	Result 0.5799
	Accuracy 81.9%
	Limit 0.566 - 0.850
Ammonia NH3 (non-ionized) mg	Blank <0.01
Nickel (Ni) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0860
	Accuracy 86%
	Limit 0.0800 - 0.1200
Dissolved Nickel (Ni) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0875
	Accuracy 87.5%
	Limit 0.0800 - 0.1200

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Quality control Report

Lab number: V-68741

Sample name: ST-S-5 eng

Sampling location: ST-S-5

Sampling date: October 02, 2017

Sampling hour: 08:30

Parameter	
Nitrate (NO3) mg N/L	Blank <0.01
Nitrite (NO2) mg N/L	Blank <0.01
	Standard name DMR-0476-2017-NO2
	Result 2.74
	Accuracy 98.9%
	Limit 2.30 - 3.12
Total Phosphorus (P) mg P/L	Blank <0.01
	Standard name DMR-0476-2017-Ptotal
	Result 1.18
	Accuracy 96.5%
	Limit 1.00 - 1.28
Lead (Pb) mg/L	Blank <0.0003
	Standard name C00-046-705_X_1000
	Result 0.0805
	Accuracy 80.5%
	Limit 0.0800 - 0.1200
Dissolved Lead (Pb) mg/L	Blank <0.0003
	Standard name C00-046-705_X_1000
	Result 0.0833
	Accuracy 83.3%
	Limit 0.0800 - 0.1200
Potassium (K) mg/L	Blank <0.05
	Standard name C00-046-705_X_1000
	Result 0.86
	Accuracy 86%
	Limit 0.800 - 1.200
Selenium (Se) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.088
	Accuracy 88%
	Limit 0.0800 - 0.1200
Dissolved Selenium (Se) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.090
	Accuracy 90%
	Limit 0.0800 - 0.1200
Sodium (Na) mg/L	Blank <0.05
	Standard name DMR-0476-2017-22-Eu
	Result 28.1
	Accuracy 96.3%

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Additional information

Lab number: V-68741

Sample name: ST-S-5 eng

Sampling location: ST-S-5

Sampling date: October 02, 2017

Sampling hour: 08:30

Use PO 623912

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-NH3-2.0	MA.300-N 2.0
M-CL-2.0	MA.300-Ions 1.3
M-CN-1.0	MA.300-CN 1.2
M-CI-1.0	MA.300-Anions 1.0
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-P-3.0	MA. 315-P 2.0
M-SULF-2.0	MA.300-Ions 1.3

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: M-121769

Sampling location: STP-IN

Sampling date: October 03, 2017

Sample name: STP-IN

Sampling hour: 07:00

Sampled by: Tom T

Date received: October 04, 2017

Matrix: Waste water

Drinking water distribution: **NA**

Reported on: October 10, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Lab number: M-121769

Sample name: STP-IN

Sampling location: STP-IN

Sampling date: October 03, 2017

Sampling hour: 07:00

Parameter	Result	Method name	Analysis date
Fecal coliforms	13 000 000 CFU/100ml	M-COLI-1,0	October 04, 2017
Total coliforms	48 000 000 CFU/100ml	M-COLI-2,0	October 04, 2017
Temperature	8 °C	M-TEMP-1.0	October 04, 2017
Atypical colonies	60 000 000 CFU/100ml	M-COLI-2,0	October 04, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Additional information

Lab number: M-121769

Sample name: STP-IN

Sampling location: STP-IN

Sampling date: October 03, 2017

Sampling hour: 07:00

State of the sample at reception : Temperature under 12°C.

Lab method	Method reference
M-COLI-1,0	MA.700-Ecctmi 1.0
M-COLI-2,0	MA.700-Ecctmi 1.0

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-68820

Sampling location: STP-IN

Sampling date: October 03, 2017

Sample name: STP-IN

Sampling hour: 07:00

Sampled by: Tom T

Date received: October 04, 2017

Matrix: Waste Water

Drinking water distribution:

Reported on: October 13, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Lab number: V-68820

Sample name: STP-IN

Sampling location: STP-IN

Sampling date: October 03, 2017

Sampling hour: 07:00

Parameter	Result	Method name	Analysis date
Ammonia nitrogen (NH ₃ -NH ₄)	91.5 mg N/L	Sous-traitance\Multilab Direct	October 12, 2017
Kjeldahl nitrogen	109 mg N/L	Sous-traitance\Multilab Direct	October 12, 2017
BOD-5	237 mg/L	Sous-traitance\H2Lab inc. (SAM)	October 06, 2017
COD	692 mg/L	Sous-traitance\H2Lab inc. (SAM)	October 06, 2017
Total Suspended Solids	400 mg/L	M-SOLI-1.0	October 05, 2017
Ammonia NH ₃ (non-ionized)	1.13 mg N/L	Sous-traitance\Multilab Direct	October 11, 2017
Nitrate (NO ₃)	0.02 mg N/L	Sous-traitance\Multilab Direct	October 06, 2017
Nitrite (NO ₂)	0.03 mg N/L	Sous-traitance\Multilab Direct	October 06, 2017
Total Phosphorus (P)	12.6 mg P/L	Sous-traitance\Multilab Direct	October 12, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Detection limit

Lab number: V-68820

Sample name: STP-IN

Sampling location: STP-IN

Sampling date: October 03, 2017

Sampling hour: 07:00

Parameter	Value	Unit	Method	Accreditation
Ammonia nitrogen (NH ₃ -NH ₄)	0.01	mg N/L	Sous-traitance	Yes
Kjeldahl nitrogen	0.05	mg N/L	Sous-traitance	Yes
BOD-5	1	mg/L	Sous-traitance	
COD	5	mg/L	Sous-traitance	
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Ammonia NH ₃ (non-ionized)	0.01	mg N/L	Sous-traitance	-
Nitrate (NO ₃)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO ₂)	0.01	mg N/L	Sous-traitance	Yes
Total Phosphorus (P)	0.01	mg P/L	Sous-traitance	Yes

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Quality control Report

Lab number: V-68820

Sample name: STP-IN

Sampling location: STP-IN

Sampling date: October 03, 2017

Sampling hour: 07:00

Parameter

Ammonia nitrogen (NH₃-NH₄) m Blank <0.01
Standard name DMR-0417-2017-NH₃-NH₄
Result 2.20
Accuracy 96.7%
Limit 1.81 - 2.45

Kjeldahl nitrogen mg N/L Blank <0.05
Standard name DMR-0476-2017-NTK
Result 6.32
Accuracy 88.5%
Limit 4.82 - 6.52

Sample duplicate 109-113
Total Suspended Solids mg/L Blank <1
Standard name STD-MES 250mg/L
Result 246
Accuracy 98.4%
Limit 194 - 306

Sample duplicate 400-420
Total Suspended Solids mg/L Standard name STD-MES 25mg/L
Result 24
Accuracy 96%
Limit 19 - 31

Ammonia NH₃ (non-ionized) mg Blank <0.01
Nitrate (NO₃) mg N/L Blank <0.01
Nitrite (NO₂) mg N/L Blank <0.01
Standard name DMR-0476-2017-NO₂
Result 2.98
Accuracy 90%
Limit 2.30 - 3.12

Total Phosphorus (P) mg P/L Blank <0.01
Standard name DMR-0534-2017-Ptotal
Result 1.10
Accuracy 96.5%
Limit 1.00 - 1.28

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Additional information

Lab number: V-68820
Sample name: STP-IN
Sampling location: STP-IN

Sampling date: October 03, 2017
Sampling hour: 07:00

Lab method	Method reference
M-NH3-2.0	MA.300-N 2.0
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-P-3.0	MA. 315-P 2.0

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: M-121770

Sampling location: STP-LJMIX

Sampling date: October 03, 2017

Sample name: STP-LJMIX

Sampling hour: 07:05

Sampled by: Tom T

Date received: October 04, 2017

Matrix: Waste water

Drinking water distribution: **NA**

Reported on: October 10, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Lab number: M-121770
Sample name: STP-LJMIX
Sampling location: STP-LJMIX

Sampling date: October 03, 2017
Sampling hour: 07:05

Parameter	Result	Method name	Analysis date
Fecal coliforms	1 500 CFU/100ml	M-COLI-1,0	October 04, 2017
Total coliforms	12 000 CFU/100ml	M-COLI-2,0	October 04, 2017
Temperature	8.5 °C	M-TEMP-1.0	October 04, 2017
Atypical colonies	18 000 CFU/100ml	M-COLI-2,0	October 04, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Additional information

Lab number: M-121770

Sample name: STP-LJMIX

Sampling location: STP-LJMIX

Sampling date: October 03, 2017

Sampling hour: 07:05

State of the sample at reception : Temperature under 12°C.

Lab method	Method reference
M-COLI-1,0	MA.700-Ecctmi 1.0
M-COLI-2,0	MA.700-Ecctmi 1.0

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: M-121771

Sampling location: STP-SEP

Sampling date: October 03, 2017

Sample name: STP-SEP

Sampling hour: 07:10

Sampled by: Tom T

Date received: October 04, 2017

Matrix: Waste water

Drinking water distribution: **NA**

Reported on: October 10, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Lab number: M-121771

Sample name: STP-SEP

Sampling location: STP-SEP

Sampling date: October 03, 2017

Sampling hour: 07:10

Parameter	Result	Method name	Analysis date
Fecal coliforms	90 CFU/100ml	M-COLI-1,0	October 04, 2017
Total coliforms	3 000 CFU/100ml	M-COLI-2,0	October 04, 2017
Temperature	11.5 °C	M-TEMP-1.0	October 04, 2017
Atypical colonies	54 000 CFU/100ml	M-COLI-2,0	October 04, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Additional information

Lab number: M-121771

Sample name: STP-SEP

Sampling location: STP-SEP

Sampling date: October 03, 2017

Sampling hour: 07:10

State of the sample at reception : Temperature under 12°C.

Lab method	Method reference
M-COLI-1,0	MA.700-Ecctmi 1.0
M-COLI-2,0	MA.700-Ecctmi 1.0

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-68821

Sampling location: STP-LJMIX

Sampling date: October 03, 2017

Sample name: STP-LJMIX

Sampling hour: 07:05

Sampled by: Tom T

Date received: October 04, 2017

Matrix: Waste Water

Drinking water distribution:

Reported on: October 13, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Lab number: V-68821

Sample name: STP-LJMIX

Sampling location: STP-LJMIX

Sampling date: October 03, 2017

Sampling hour: 07:05

Parameter	Result	Method name	Analysis date
Ammonia nitrogen (NH ₃ -NH ₄)	13.5 mg N/L	Sous-traitance\Multilab Direct	October 12, 2017
Kjeldahl nitrogen	17.0 mg N/L	Sous-traitance\Multilab Direct	October 12, 2017
BOD-5	12 mg/L	Sous-traitance\H2Lab inc. (SAM)	October 06, 2017
COD	83 mg/L	Sous-traitance\H2Lab inc. (SAM)	October 06, 2017
Total Suspended Solids	15 mg/L	M-SOLI-1.0	October 05, 2017
Ammonia NH ₃ (non-ionized)	0.08 mg N/L	Sous-traitance\Multilab Direct	October 11, 2017
Nitrate (NO ₃)	17.6 mg N/L	Sous-traitance\Multilab Direct	October 06, 2017
Nitrite (NO ₂)	0.77 mg N/L	Sous-traitance\Multilab Direct	October 06, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Detection limit

Lab number: V-68821

Sample name: STP-LJMIX

Sampling location: STP-LJMIX

Sampling date: October 03, 2017

Sampling hour: 07:05

Parameter	Value	Unit	Method	Accreditation
Ammonia nitrogen (NH ₃ -NH ₄)	0.01	mg N/L	Sous-traitance	Yes
Kjeldahl nitrogen	0.05	mg N/L	Sous-traitance	Yes
BOD-5	1	mg/L	Sous-traitance	
COD	5	mg/L	Sous-traitance	
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Ammonia NH ₃ (non-ionized)	0.01	mg N/L	Sous-traitance	-
Nitrate (NO ₃)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO ₂)	0.01	mg N/L	Sous-traitance	Yes

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Quality control Report

Lab number: V-68821

Sample name: STP-LJMIX

Sampling location: STP-LJMIX

Sampling date: October 03, 2017

Sampling hour: 07:05

Parameter

Ammonia nitrogen (NH₃-NH₄) m Blank <0.01
Standard name DMR-0417-2017-NH₃-NH₄
Result 2.20
Accuracy 96.7%
Limit 1.81 - 2.45

Kjeldahl nitrogen mg N/L Blank <0.05
Standard name DMR-0476-2017-NTK
Result 6.32
Accuracy 88.5%
Limit 4.82 - 6.52

Total Suspended Solids mg/L Blank <1
Standard name STD-MES 250mg/L
Result 246
Accuracy 98.4%
Limit 194 - 306

Total Suspended Solids mg/L Standard name STD-MES 25mg/L
Result 24
Accuracy 96%
Limit 19 - 31

Ammonia NH₃ (non-ionized) mg Blank <0.01
Nitrate (NO₃) mg N/L Blank <0.01
Nitrite (NO₂) mg N/L Blank <0.01
Standard name DMR-0476-2017-NO₂
Result 2.98
Accuracy 90%
Limit 2.30 - 3.12

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Additional information

Lab number: V-68821
Sample name: STP-LJMIX
Sampling location: STP-LJMIX

Sampling date: October 03, 2017
Sampling hour: 07:05

Lab method	Method reference
M-NH3-2.0	MA.300-N 2.0
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-68822

Sampling location: STP-SEP

Sampling date: October 03, 2017

Sample name: STP-SEP

Sampling hour: 07:10

Sampled by: Tom T

Date received: October 04, 2017

Matrix: Waste Water

Drinking water distribution:

Reported on: October 13, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
This report shall not be reproduced except in full without the written authority of the laboratory.



Analytical Report

Lab number: V-68822

Sample name: STP-SEP

Sampling location: STP-SEP

Sampling date: October 03, 2017

Sampling hour: 07:10

Parameter	Result	Method name	Analysis date
Ammonia nitrogen (NH ₃ -NH ₄)	70.7 mg N/L	Sous-traitance\Multilab Direct	October 12, 2017
Kjeldahl nitrogen	71.7 mg N/L	Sous-traitance\Multilab Direct	October 12, 2017
BOD-5	10 mg/L	Sous-traitance\H2Lab inc. (SAM)	October 06, 2017
COD	103 mg/L	Sous-traitance\H2Lab inc. (SAM)	October 06, 2017
Total Suspended Solids	16 mg/L	M-SOLI-1.0	October 05, 2017
Ammonia NH ₃ (non-ionized)	1.44 mg N/L	Sous-traitance\Multilab Direct	October 11, 2017
Nitrate (NO ₃)	0.23 mg N/L	Sous-traitance\Multilab Direct	October 06, 2017
Nitrite (NO ₂)	1.25 mg N/L	Sous-traitance\Multilab Direct	October 06, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Detection limit

Lab number: V-68822

Sample name: STP-SEP

Sampling location: STP-SEP

Sampling date: October 03, 2017

Sampling hour: 07:10

Parameter	Value	Unit	Method	Accreditation
Ammonia nitrogen (NH ₃ -NH ₄)	0.01	mg N/L	Sous-traitance	Yes
Kjeldahl nitrogen	0.05	mg N/L	Sous-traitance	Yes
BOD-5	1	mg/L	Sous-traitance	
COD	5	mg/L	Sous-traitance	
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Ammonia NH ₃ (non-ionized)	0.01	mg N/L	Sous-traitance	-
Nitrate (NO ₃)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO ₂)	0.01	mg N/L	Sous-traitance	Yes

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Quality control Report

Lab number: V-68822

Sample name: STP-SEP

Sampling location: STP-SEP

Sampling date: October 03, 2017

Sampling hour: 07:10

Parameter

Ammonia nitrogen (NH₃-NH₄) m Blank <0.01
Standard name DMR-0417-2017-NH₃-NH₄
Result 2.20
Accuracy 96.7%
Limit 1.81 - 2.45

Kjeldahl nitrogen mg N/L Blank <0.05
Standard name DMR-0476-2017-NTK
Result 6.32
Accuracy 88.5%
Limit 4.82 - 6.52

Sample duplicate 71.7-76.9
Total Suspended Solids mg/L Blank <1
Standard name STD-MES 250mg/L
Result 246
Accuracy 98.4%
Limit 194 - 306

Total Suspended Solids mg/L Standard name STD-MES 25mg/L
Result 24
Accuracy 96%
Limit 19 - 31

Ammonia NH₃ (non-ionized) mg Blank <0.01
Nitrate (NO₃) mg N/L Blank <0.01
Sample duplicate 0.23-0.21
Nitrite (NO₂) mg N/L Blank <0.01
Standard name DMR-0476-2017-NO₂
Result 2.98
Accuracy 90%
Limit 2.30 - 3.12
Sample duplicate 1.25-1.29

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Additional information

Lab number: V-68822
Sample name: STP-SEP
Sampling location: STP-SEP

Sampling date: October 03, 2017
Sampling hour: 07:10

Lab method	Method reference
M-NH3-2.0	MA.300-N 2.0
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-68960

Sampling location: Goose Pit

Sampling date: October 05, 2017

Sample name: ST-20 Pit Lake

Sampling hour: 08:00

Sampled by: MT

Date received: October 06, 2017

Matrix: Water

Drinking water distribution:

Reported on: October 30, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Lab number: V-68960

Sample name: ST-20 Pit Lake

Sampling location: Goose Pit

Sampling date: October 05, 2017

Sampling hour: 08:00

Parameter	Result	Method name	Analysis date
Alkalinity	82 mg CaCO ₃ /L	M-TIT-1.0	October 06, 2017
Aluminium (Al)	0.802 mg/L	Sous-traitance\Multilab Direct	October 20, 2017
Dissolved Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	October 20, 2017
Antimony (Sb)	0.0008 mg/L	Sous-traitance\Multilab Direct	October 20, 2017
Dissolved Antimony (Sb)	0.0008 mg/L	Sous-traitance\Multilab Direct	October 20, 2017
Arsenic (As)	0.0017 mg/L	Sous-traitance\Multilab Direct	October 20, 2017
Dissolved Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	October 20, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	1.70 mg N/L	Sous-traitance\Multilab Direct	October 12, 2017
Kjeldahl nitrogen	3.26 mg N/L	Sous-traitance\Multilab Direct	October 18, 2017
Barium (Ba)	0.0574 mg/L	Sous-traitance\Multilab Direct	October 20, 2017
Dissolved Barium (Ba)	0.0461 mg/L	Sous-traitance\Multilab Direct	October 20, 2017
Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	October 20, 2017
Dissolved Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	October 20, 2017
bicarbonate (HCO ₃)	82 mg CaCO ₃ /L	M-TIT-1.0	October 06, 2017
Boron (B)	0.07 mg/L	Sous-traitance\Multilab Direct	October 20, 2017
Dissolved Boron (B)	0.04 mg/L	Sous-traitance\Multilab Direct	October 20, 2017
Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	October 20, 2017
Dissolved Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	October 20, 2017
Calcium (Ca)	51.0 mg/L	Sous-traitance\Multilab Direct	October 20, 2017
Carbonate (CO ₃)	<2 mg CaCO ₃ /L	M-TIT-1.0	October 06, 2017
Dissolved Organic Carbon (D.O.C.)	6.2 mg/L	M-COT-1.0	October 06, 2017
Total Organic Carbon (T.O.C.)	6.2 mg/L	M-COT-1.0	October 06, 2017
Chloride	34.7 mg/L	Sous-traitance\Multilab Direct	October 13, 2017
Chrome (Cr)	0.0086 mg/L	Sous-traitance\Multilab Direct	October 20, 2017
Dissolved Chromium (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	October 20, 2017
Copper (Cu)	0.0020 mg/L	Sous-traitance\Multilab Direct	October 20, 2017
Dissolved Copper (Cu)	0.0015 mg/L	Sous-traitance\Multilab Direct	October 20, 2017
Cyanates (CNO)	<0.01 mg CNO/L	Sous-traitance\Multilab Direct	October 18, 2017
Total Cyanide (CNT)	0.019 mg/L	Sous-traitance\Multilab Direct	October 13, 2017
Hardness	197 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	October 20, 2017
Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	October 20, 2017
dissolved Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	October 20, 2017
Iron (Fe)	1.67 mg/L	Sous-traitance\Multilab Direct	October 20, 2017
Dissolved Iron (Fe)	0.03 mg/L	Sous-traitance\Multilab Direct	October 20, 2017
Lithium (Li)	0.006 mg/L	Sous-traitance\Multilab Direct	October 27, 2017
Dissolved Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	October 27, 2017
Total Suspended Solids	12 mg/L	M-SOLI-1.0	October 10, 2017
Magnesium (Mg)	17.1 mg/L	Sous-traitance\Multilab Direct	October 20, 2017
Manganese (Mn)	0.2089 mg/L	Sous-traitance\Multilab Direct	October 20, 2017
Dissolved Manganese (Mn)	0.1822 mg/L	Sous-traitance\Multilab Direct	October 20, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Analytical Report

Lab number: V-68960

Sample name: ST-20 Pit Lake

Sampling date: October 05, 2017

Sampling location: Goose Pit

Sampling hour: 08:00

Parameter	Result	Method name	Analysis date
Mercury (Hg)	0.00015 mg/L	Sous-traitance\Multilab Direct	October 24, 2017
Dissolved Mercury (Hg)	0.00008 mg/L	Sous-traitance\Multilab Direct	October 24, 2017
Molybdenum (Mo)	0.0262 mg/L	Sous-traitance\Multilab Direct	October 20, 2017
Dissolved Molybdenum (Mo)	0.0275 mg/L	Sous-traitance\Multilab Direct	October 20, 2017
Ammonia NH3 (non-ionized)	0.05 mg N/L	Sous-traitance\Multilab Direct	October 11, 2017
Nickel (Ni)	0.0239 mg/L	Sous-traitance\Multilab Direct	October 20, 2017
Dissolved Nickel (Ni)	0.0149 mg/L	Sous-traitance\Multilab Direct	October 20, 2017
Nitrate (NO3)	4.27 mg N/L	Sous-traitance\Multilab Direct	October 11, 2017
Nitrite (NO2)	0.14 mg N/L	Sous-traitance\Multilab Direct	October 11, 2017
Ortho-Phosphate (O-PO4)	0.02 mg P/L	Sous-traitance\Multilab Direct	October 12, 2017
Total Phosphorus (P)	0.10 mg P/L	Sous-traitance\Multilab Direct	October 12, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	October 20, 2017
Dissolved Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	October 20, 2017
Potassium (K)	12.1 mg/L	Sous-traitance\Multilab Direct	October 20, 2017
Selenium (Se)	0.003 mg/L	Sous-traitance\Multilab Direct	October 20, 2017
Dissolved Selenium (Se)	0.002 mg/L	Sous-traitance\Multilab Direct	October 20, 2017
Reactive silica (SiO2)	6.5 mg/L	Sous-traitance\Maxxam	October 16, 2017
Sodium (Na)	49.2 mg/L	Sous-traitance\Multilab Direct	October 20, 2017
Dissolved Solids	468 mg/L	M-TIT-1.0	October 06, 2017
Strontium (Sr)	0.406 mg/L	Sous-traitance\Multilab Direct	October 27, 2017
dissolved Strontium (Sr)	0.387 mg/L	Sous-traitance\Multilab Direct	October 27, 2017
Sulfate (SO4)	210 mg SO4/L	Sous-traitance\Multilab Direct	October 10, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	October 27, 2017
Dissolved thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	October 27, 2017
Thiocyanate (SCN)	3.13 mg SCN/L	Sous-traitance\Multilab Direct	October 20, 2017
Titanium (Ti)	0.07 mg/L	Sous-traitance\Multilab Direct	October 20, 2017
Dissolved titanium (Ti)	0.05 mg/L	Sous-traitance\Multilab Direct	October 20, 2017
Uranium (U)	0.013 mg/L	Sous-traitance\Multilab Direct	October 20, 2017
Dissolved Uranium (U)	0.013 mg/L	Sous-traitance\Multilab Direct	October 20, 2017
Vanadium (V)	0.0014 mg/L	Sous-traitance\Multilab Direct	October 20, 2017
Dissolved Vanadium	<0.0005 mg/L	Sous-traitance\Multilab Direct	October 20, 2017
Zinc (Zn)	0.003 mg/L	Sous-traitance\Multilab Direct	October 20, 2017
Dissolved Zinc	<0.001 mg/L	Sous-traitance\Multilab Direct	October 20, 2017

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Detection limit

Lab number: V-68960

Sample name: ST-20 Pit Lake

Sampling date: October 05, 2017

Sampling location: Goose Pit

Sampling hour: 08:00

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO ₃ /L	M-TIT-1.0	
Aluminium (Al)	0.003	mg/L	Sous-traitance	
Dissolved Aluminium (Al)	0.003	mg/L	Sous-traitance	
Antimony (Sb)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Antimony (Sb)	0.0001	mg/L	Sous-traitance	
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Arsenic (As)	0.0005	mg/L	Sous-traitance	
Ammonia nitrogen (NH ₃ -NH ₄)	0.01	mg N/L	Sous-traitance	Yes
Kjeldahl nitrogen	0.05	mg N/L	Sous-traitance	Yes
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Barium (Ba)	0.0005	mg/L	Sous-traitance	
Beryllium (Be)	0.0005	mg/L	Sous-traitance	
Dissolved Beryllium (Be)	0.0005	mg/L	Sous-traitance	
bicarbonate (HCO ₃)	2	mg CaCO ₃ /L	M-TIT-1.0	
Boron (B)	0.01	mg/L	Sous-traitance	Yes
Dissolved Boron (B)	0.006	mg/L	Sous-traitance	
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Dissolved Cadmium (Cd)	0.00002	mg/L	Sous-traitance	
Calcium (Ca)	0.03	mg/L	Sous-traitance	Yes
Carbonate (CO ₃)	2	mg CaCO ₃ /L	M-TIT-1.0	
Dissolved Organic Carbon (D.O.C.)	0.2	mg/L	M-COT-1.0	--
Total Organic Carbon (T.O.C.)	0.2	mg/L	M-COT-1.0	Yes
Chloride	0.5	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Dissolved Chromium (Cr)	0.0006	mg/L	Sous-traitance	
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Copper (Cu)	0.0005	mg/L	Sous-traitance	
Cyanates (CNO)	0.01	mg CNO/L	Sous-traitance	
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO ₃ /L	Sous-traitance	
Tin (Sn)	0.001	mg/L	Sous-traitance	Yes
dissolved Tin (Sn)	0.001	mg/L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes
Dissolved Iron (Fe)	0.01	mg/L	Sous-traitance	
Lithium (Li)	0.005	mg/L	Sous-traitance	
Dissolved Lithium (Li)	0.005	mg/L	Sous-traitance	
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Magnesium (Mg)	0.02	mg/L	Sous-traitance	Yes
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Manganese (Mn)	0.0003	mg/L	Sous-traitance	

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Detection limit

Lab number: V-68960

Sample name: ST-20 Pit Lake

Sampling date: October 05, 2017

Sampling location: Goose Pit

Sampling hour: 08:00

Parameter	Value	Unit	Method	Accreditation
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Dissolved Mercury (Hg)	0.00001	mg/L	Sous-traitance	
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	
Ammonia NH3 (non-ionized)	0.01	mg N/L	Sous-traitance	-
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Nickel (Ni)	0.0005	mg/L	Sous-traitance	
Nitrate (NO3)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO2)	0.01	mg N/L	Sous-traitance	Yes
Ortho-Phosphate (O-PO4)	0.01	mg P/L	Sous-traitance	Yes
Total Phosphorus (P)	0.01	mg P/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Dissolved Lead (Pb)	0.0003	mg/L	Sous-traitance	
Potassium (K)	0.05	mg/L	Sous-traitance	
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Dissolved Selenium (Se)	0.001	mg/L	Sous-traitance	
Reactive silica (SiO2)		mg/L	Sous-traitance	
Sodium (Na)	0.05	mg/L	Sous-traitance	Yes
Dissolved Solids	1	mg/L	M-TIT-1.0	
Strontium (Sr)	0.005	mg/L	Sous-traitance	
dissolved Strontium (Sr)	0.005	mg/L	Sous-traitance	
Sulfate (SO4)	0.6	mg SO4/L	Sous-traitance	Yes
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Dissolved thallium (Tl)	0.0008	mg/L	Sous-traitance	
Thiocyanate (SCN)	0.05	mg SCN/L	Sous-traitance	Yes
Titanium (Ti)	0.01	mg/L	Sous-traitance	
Dissolved titanium (Ti)	0.01	mg/L	Sous-traitance	
Uranium (U)	0.001	mg/L	Sous-traitance	
Dissolved Uranium (U)	0.001	mg/L	Sous-traitance	
Vanadium (V)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Vanadium	0.0005	mg/L	Sous-traitance	
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes
Dissolved Zinc	0.001	mg/L	Sous-traitance	

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Quality control Report

Lab number: V-68960

Sample name: ST-20 Pit Lake

Sampling location: Goose Pit

Sampling date: October 05, 2017

Sampling hour: 08:00

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 146 Accuracy 99.3% Limit 123 - 167
Dissolved Aluminium (Al) mg/L	Blank <0.006 Standard name C00-046-705_X_1000 Result 1.11 Accuracy 89% Limit 0.800 - 1.200
Dissolved Antimony (Sb) mg/L	Blank <0.0001 Standard name C00-046-705_X_1000 Result 0.0099 Accuracy 99% Limit 0.0080 - 0.0120
Dissolved Arsenic (As) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0937 Accuracy 93.7% Limit 0.0800 - 0.1200
Ammonia nitrogen (NH ₃ -NH ₄) m	Blank <0.01 Standard name DMR-0417-2017-NH ₃ -NH ₄ Result 2.20 Accuracy 96.7% Limit 1.81 - 2.45
Kjeldahl nitrogen mg N/L	Blank <0.05 Standard name DMR-0534-2017-NTK Result 6.02 Accuracy 93.8% Limit 4.82 - 6.52
Dissolved Barium (Ba) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1083 Accuracy 91.7% Limit 0.0800 - 0.1200
Dissolved Beryllium (Be) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1099 Accuracy 90.1% Limit 0.0800 - 0.1200
Dissolved Boron (B) mg/L	Blank <0.01

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Quality control Report

Lab number: V-68960

Sample name: ST-20 Pit Lake

Sampling location: Goose Pit

Sampling date: October 05, 2017

Sampling hour: 08:00

Parameter	
	Standard name C00-046-705_X_1000
	Result 1.02
	Accuracy 98%
	Limit 0.800 - 1.200
Dissolved Cadmium (Cd) mg/L	Blank <0.00002
	Standard name C00-046-705_X_1000
	Result 0.09440
	Accuracy 94.4%
	Limit 0.0800 - 0.1200
Dissolved Organic Carbon (D.O.C.) mg/L	Blank <0.2
	Standard name COD 10mg/L
	Result 11
	Accuracy 90%
	Limit 8 - 12
Total Organic Carbon (T.O.C.) mg/L	Blank <0.2
	Standard name COT 10mg/L
	Result 11
	Accuracy 90%
	Limit 8 - 12
Chloride mg/L	Blank <0.5
	Standard name DMR-0476-2017-13-CL
	Result 110
	Accuracy 98.1%
	Limit 95 - 121
Dissolved Chromium (Cr) mg/L	Blank <0.0006
	Standard name C00-046-705_X_1000
	Result 0.0979
	Accuracy 97.9%
	Limit 0.0800 - 0.1200
Dissolved Copper (Cu) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1037
	Accuracy 96.3%
	Limit 0.0800 - 0.1200
Cyanates (CNO) mg CNO/L	Blank <0.01
	Standard name Controle Maison CNO 250 ppm
	Result 282
	Accuracy 87.2%
	Limit 175 - 325
Total Cyanide (CNT) mg/L	Blank <0.001

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

This report shall not be reproduced except in full without the written authority of the laboratory.



Quality control Report

Lab number: V-68960

Sample name: ST-20 Pit Lake

Sampling location: Goose Pit

Sampling date: October 05, 2017

Sampling hour: 08:00

Parameter	
	Standard name DMR-0343-CN
	Result 1.27
	Accuracy 92.4%
	Limit 1.003 - 1.357
dissolved Tin (Sn) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.097
	Accuracy 97%
	Limit 0.0700 - 0.1300
Dissolved Iron (Fe) mg/L	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 0.91
	Accuracy 91%
	Limit 0.800 - 1.200
Lithium (Li) mg/L	Blank <0.005
	Standard name DMR-0476-2017-22-Eu
	Result 0.977
	Accuracy 84.5%
	Limit 0.677 - 1.015
Dissolved Lithium (Li) mg/L	Blank <0.005
	Standard name DMR-0476-2017-22-Eu
	Result 0.905
	Accuracy 93%
	Limit 0.677 - 1.015
Total Suspended Solids mg/L	Blank <1
	Standard name STD-MES 25mg/L
	Result 23
	Accuracy 92%
	Limit 19 - 31
Dissolved Manganese (Mn) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0938
	Accuracy 93.8%
	Limit 0.0800 - 0.1200
Mercury (Hg) mg/L	Blank <0.00001
	Standard name DMR-0564-2016-14HgEu
	Result 0.00053
	Accuracy 80.3%
	Limit 0.00040 - 0.00092
Dissolved Mercury (Hg) mg/L	Blank <0.00001

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Quality control Report

Lab number: V-68960

Sample name: ST-20 Pit Lake

Sampling location: Goose Pit

Sampling date: October 05, 2017

Sampling hour: 08:00

Parameter

Dissolved Molybdenum (Mo) mg/ Blank <0.0005
Standard name C00-046-705_X_1000
Result 0.0869
Accuracy 86.9%
Limit 0.0800 - 0.1200

Ammonia NH3 (non-ionized) mg Blank <0.01
Dissolved Nickel (Ni) mg/L Blank <0.0005
Standard name C00-046-705_X_1000
Result 0.1038
Accuracy 96.2%
Limit 0.0800 - 0.1200

Nitrate (NO3) mg N/L Blank <0.01
Nitrite (NO2) mg N/L Blank <0.01
Standard name DMR-0476-2017-NO2
Result 2.88
Accuracy 93.7%
Limit 2.30 - 3.12

Ortho-Phosphate (O-PO4) mg P/ Blank <0.01
Total Phosphorus (P) mg P/L Blank <0.01
Standard name DMR-0534-2017-Ptotal
Result 1.08
Accuracy 94.7%
Limit 1.00 - 1.28

Dissolved Lead (Pb) mg/L Blank <0.0003
Standard name C00-046-705_X_1000
Result 0.0817
Accuracy 81.7%
Limit 0.0800 - 0.1200

Dissolved Selenium (Se) mg/L Blank <0.001
Standard name C00-046-705_X_1000
Result 0.091
Accuracy 91%
Limit 0.0800 - 0.1200

Strontium (Sr) mg/L Blank <0.005
Standard name DMR-0476-2017-22-Eu
Result 1.33
Accuracy 91.9%
Limit 0.98 - 1.48

dissolved Strontium (Sr) mg/L Blank <0.005
Standard name DMR-0476-2017-22-Eu

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Quality control Report

Lab number: V-68960

Sample name: ST-20 Pit Lake

Sampling location: Goose Pit

Sampling date: October 05, 2017

Sampling hour: 08:00

Parameter	
Sulfate (SO4) mg SO4/L	Result 1.33
	Accuracy 91.9%
	Limit 0.98 - 1.48
	Blank <0.6
	Standard name DMR-0476-2017-SO4
Thallium (Tl) mg/L	Result 121
	Accuracy 98.4%
	Limit 114 - 132
	Sample duplicate 210-207
	Blank <0.0008
Dissolved thallium (Tl) mg/L	Standard name TI-S140909023-1000ppm
	Result 866
	Accuracy 86.6%
	Limit 800 - 1200
	Blank <0.0008
Thiocyanate (SCN) mg SCN/L	Standard name TI-S140909023-1000ppm
	Result 868
	Accuracy 86.8%
	Limit 800 - 1200
	Blank <0.05
Dissolved titanium (Ti) mg/L	Standard name STD SCN 568ppm
	Result 578
	Accuracy 98.2%
	Limit 398 - 738
	Blank <0.01
Dissolved Uranium (U) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.093
	Accuracy 93%
	Limit 0.0800 - 0.1200
Dissolved Vanadium mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0934
	Accuracy 93.4%
	Limit 0.0800 - 0.1200
Dissolved Zinc mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.092
	Accuracy 92%
	Limit 0.0800 - 0.1200

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Additional information

Lab number: V-68960

Sample name: ST-20 Pit Lake

Sampling location: Goose Pit

Sampling date: October 05, 2017

Sampling hour: 08:00

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-NH3-2.0	MA.300-N 2.0
M-CL-2.0	MA.300-Ions 1.3
M-CI-1.0	MA.300-Anions 1.0
M-CN-1.0	MA.300-CN 1.2
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-P-2.0	MA.303-P 1.1
M-P-3.0	MA. 315-P 2.0
M-SULF-2.0	MA.300-Ions 1.3

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-69009

Sampling location: portage pit

Sampling date: October 09, 2017

Sample name: ST-17

Sampling hour: 08:00

Sampled by: Martin Theriault

Date received: October 10, 2017

Matrix: Water

Drinking water distribution:

Reported on: October 27, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

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Analytical Report

Lab number: V-69009

Sample name: ST-17

Sampling date: October 09, 2017

Sampling location: portage pit

Sampling hour: 08:00

Parameter	Result	Method name	Analysis date
Acidity	4 mg CaCO ₃ /L	M-TIT-1.0	October 10, 2017
Alkalinity	85 mg CaCO ₃ /L	M-TIT-1.0	October 10, 2017
Aluminium (Al)	0.013 mg/L	Sous-traitance\Multilab Direct	October 20, 2017
Dissolved Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	October 20, 2017
Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	October 20, 2017
Dissolved Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	October 20, 2017
Arsenic (As)	0.0231 mg/L	Sous-traitance\Multilab Direct	October 20, 2017
Dissolved Arsenic (As)	0.0181 mg/L	Sous-traitance\Multilab Direct	October 20, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	0.55 mg N/L	Sous-traitance\Multilab Direct	October 16, 2017
Barium (Ba)	0.0150 mg/L	Sous-traitance\Multilab Direct	October 20, 2017
Dissolved Barium (Ba)	0.0132 mg/L	Sous-traitance\Multilab Direct	October 20, 2017
Cadmium (Cd)	0.00006 mg/L	Sous-traitance\Multilab Direct	October 20, 2017
Dissolved Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	October 20, 2017
Calcium (Ca)	55.6 mg/L	Sous-traitance\Multilab Direct	October 20, 2017
Dissolved Organic Carbon (D.O.C)	3.6 mg/L	M-COT-1.0	October 10, 2017
Chloride	19.4 mg/L	Sous-traitance\Multilab Direct	October 13, 2017
Chrome (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	October 20, 2017
Dissolved Chromium (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	October 20, 2017
Copper (Cu)	0.0016 mg/L	Sous-traitance\Multilab Direct	October 20, 2017
Dissolved Copper (Cu)	<0.0005 mg/L	Sous-traitance\Multilab Direct	October 20, 2017
Cyanide W.A.D.	0.002 mg/L	Sous-traitance\Multilab Direct	October 18, 2017
Total Cyanide (CNT)	0.012 mg/L	Sous-traitance\Multilab Direct	October 18, 2017
Hardness	250 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	October 20, 2017
Iron (Fe)	0.08 mg/L	Sous-traitance\Multilab Direct	October 20, 2017
Dissolved Iron (Fe)	0.07 mg/L	Sous-traitance\Multilab Direct	October 20, 2017
Ferrous Iron (Fe 2+)	0.04 mg/L	Sous-traitance\Multilab Direct	October 17, 2017
Ferric Iron (Fe 3+)	0.04 mg/L	Sous-traitance\Multilab Direct	October 17, 2017
Fluoride (F)	0.49 mg/L	Sous-traitance\Multilab Direct	October 12, 2017
Total Suspended Solids	6 mg/L	M-SOLI-1.0	October 11, 2017
Magnesium (Mg)	27.1 mg/L	Sous-traitance\Multilab Direct	October 20, 2017
Manganese (Mn)	0.1237 mg/L	Sous-traitance\Multilab Direct	October 20, 2017
Dissolved Manganese (Mn)	0.1201 mg/L	Sous-traitance\Multilab Direct	October 20, 2017
Mercury (Hg)	0.00004 mg/L	Sous-traitance\Multilab Direct	October 24, 2017
Dissolved Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	October 24, 2017
Molybdenum (Mo)	0.0644 mg/L	Sous-traitance\Multilab Direct	October 20, 2017
Dissolved Molybdenum (Mo)	0.0619 mg/L	Sous-traitance\Multilab Direct	October 20, 2017
Ammonia NH ₃ (non-ionized)	0.01 mg N/L	Sous-traitance\Multilab Direct	October 16, 2017
Nickel (Ni)	0.0376 mg/L	Sous-traitance\Multilab Direct	October 20, 2017
Dissolved Nickel (Ni)	0.0354 mg/L	Sous-traitance\Multilab Direct	October 20, 2017
Nitrate (NO ₃)	8.17 mg N/L	Sous-traitance\Multilab Direct	October 12, 2017

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Analytical Report

Lab number: V-69009

Sample name: ST-17

Sampling date: October 09, 2017

Sampling location: portage pit

Sampling hour: 08:00

Parameter	Result	Method name	Analysis date
Nitrite (NO ₂)	0.05 mg N/L	Sous-traitance\Multilab Direct	October 12, 2017
Dissolved oxygen	10.7 mg/L	Sous-traitance\Multilab Direct	October 12, 2017
Total Phosphorus (P)	<0.01 mg P/L	Sous-traitance\Multilab Direct	October 17, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	October 20, 2017
Dissolved Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	October 20, 2017
Potassium (K)	14.5 mg/L	Sous-traitance\Multilab Direct	October 20, 2017
Selenium (Se)	0.001 mg/L	Sous-traitance\Multilab Direct	October 20, 2017
Dissolved Selenium (Se)	0.001 mg/L	Sous-traitance\Multilab Direct	October 20, 2017
Sodium (Na)	22.1 mg/L	Sous-traitance\Multilab Direct	October 20, 2017
Dissolved Solids	453 mg/L	M-TIT-1.0	October 10, 2017
Sulfate (SO ₄)	204 mg SO ₄ /L	Sous-traitance\Multilab Direct	October 16, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	October 26, 2017
Dissolved thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	October 26, 2017
Zinc (Zn)	<0.001 mg/L	Sous-traitance\Multilab Direct	October 20, 2017
Dissolved Zinc	<0.001 mg/L	Sous-traitance\Multilab Direct	October 20, 2017

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Detection limit

Lab number: V-69009

Sample name: ST-17

Sampling date: October 09, 2017

Sampling location: portage pit

Sampling hour: 08:00

Parameter	Value	Unit	Method	Accreditation
Acidity	2	mg CaCO ₃ /L	M-TIT-1.0	
Alkalinity	2	mg CaCO ₃ /L	M-TIT-1.0	
Aluminium (Al)	0.003	mg/L	Sous-traitance	
Dissolved Aluminium (Al)	0.003	mg/L	Sous-traitance	
Silver (Ag)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Silver (Ag)	0.0001	mg/L	Sous-traitance	
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Arsenic (As)	0.0005	mg/L	Sous-traitance	
Ammonia nitrogen (NH ₃ -NH ₄)	0.01	mg N/L	Sous-traitance	Yes
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Barium (Ba)	0.0005	mg/L	Sous-traitance	
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Dissolved Cadmium (Cd)	0.00002	mg/L	Sous-traitance	
Calcium (Ca)	0.03	mg/L	Sous-traitance	Yes
Dissolved Organic Carbon (D.O.C)	0.2	mg/L	M-COT-1.0	--
Chloride	0.5	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Dissolved Chromium (Cr)	0.0006	mg/L	Sous-traitance	
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Copper (Cu)	0.0005	mg/L	Sous-traitance	
Cyanide W.A.D.	0.001	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO ₃ /L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes
Dissolved Iron (Fe)	0.01	mg/L	Sous-traitance	
Ferrous Iron (Fe 2+)		mg/L	Sous-traitance	
Ferric Iron (Fe 3+)		mg/L	Sous-traitance	
Fluoride (F)	0.01	mg/L	Sous-traitance	Yes
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Magnesium (Mg)	0.02	mg/L	Sous-traitance	Yes
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Manganese (Mn)	0.0003	mg/L	Sous-traitance	
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Dissolved Mercury (Hg)	0.00001	mg/L	Sous-traitance	
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	
Ammonia NH ₃ (non-ionized)	0.01	mg N/L	Sous-traitance	-
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Nickel (Ni)	0.0005	mg/L	Sous-traitance	
Nitrate (NO ₃)	0.01	mg N/L	Sous-traitance	Yes

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Detection limit

Lab number: V-69009

Sample name: ST-17

Sampling date: October 09, 2017

Sampling location: portage pit

Sampling hour: 08:00

Parameter	Value	Unit	Method	Accreditation
Nitrite (NO ₂)	0.01	mg N/L	Sous-traitance	Yes
Dissolved oxygen	0.1	mg/L	Sous-traitance	
Total Phosphorus (P)	0.01	mg P/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Dissolved Lead (Pb)	0.0003	mg/L	Sous-traitance	
Potassium (K)	0.05	mg/L	Sous-traitance	
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Dissolved Selenium (Se)	0.001	mg/L	Sous-traitance	
Sodium (Na)	0.05	mg/L	Sous-traitance	Yes
Dissolved Solids	1	mg/L	M-TIT-1.0	
Sulfate (SO ₄)	0.6	mg SO ₄ /L	Sous-traitance	Yes
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Dissolved thallium (Tl)	0.0008	mg/L	Sous-traitance	
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes
Dissolved Zinc	0.001	mg/L	Sous-traitance	

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Quality control Report

Lab number: V-69009

Sample name: ST-17

Sampling date: October 09, 2017

Sampling location: portage pit

Sampling hour: 08:00

Parameter	
Acidity mg CaCO ₃ /L	Standard name STD acidité Result 258 Accuracy 96.8% Limit 213 - 288
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 154 Accuracy 93.8% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006 Standard name C00-046-705_X_1000 Result 1.09 Accuracy 91% Limit 0.800 - 1.200
Dissolved Aluminium (Al) mg/L	Blank <0.006 Standard name DMR-0476-2017-22-Eu Result 5.67 Accuracy 90.4% Limit 5.02 - 7.52
Silver (Ag) mg/L	Blank <0.0001
Dissolved Silver (Ag) mg/L	Blank <0.0001
Arsenic (As) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0918 Accuracy 91.8% Limit 0.0700 - 0.1300
Dissolved Arsenic (As) mg/L	Blank <0.0005 Standard name DMR-0476-2017-22-Eu Result 0.2740 Accuracy 96.5% Limit 0.199 - 0.369
Ammonia nitrogen (NH ₃ -NH ₄) m	Blank <0.01 Standard name DMR-0534-2017-NH3 Result 2.15 Accuracy 99.1% Limit 1.81 - 2.45
Barium (Ba) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1003 Accuracy 99.7% Limit 0.0800 - 0.1200

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Quality control Report

Lab number: V-69009

Sample name: ST-17

Sampling location: portage pit

Sampling date: October 09, 2017

Sampling hour: 08:00

Parameter	
Dissolved Barium (Ba) mg/L	Blank <0.0005 Standard name DMR-0476-2017-22-Eu Result 2.184 Accuracy 89.9% Limit 1.94 - 2.92
Cadmium (Cd) mg/L	Blank <0.00002 Standard name C00-046-705_X_1000 Result 0.09731 Accuracy 97.3% Limit 0.0800 - 0.1200
Dissolved Cadmium (Cd) mg/L	Blank <0.00002 Standard name DMR-0476-2017-22-Eu Result 0.83465 Accuracy 92.6% Limit 0.721 - 1.081
Calcium (Ca) mg/L	Blank <0.03 Standard name C00-046-705_X_1000 Result 0.90 Accuracy 90% Limit 0.800 - 1.200
Dissolved Organic Carbon (D.O.C) mg/L	Blank <0.2 Standard name COD 10mg/L Result 10 Accuracy 100% Limit 8 - 12
Chloride mg/L	Blank <0.5 Standard name DMR-0476-2017-13-CL Result 108 Accuracy 100% Limit 95 - 121
Chrome (Cr) mg/L	Blank <0.0006 Standard name C00-046-705_X_1000 Result 0.0953 Accuracy 95.3% Limit 0.0800 - 0.1200
Dissolved Chromium (Cr) mg/L	Blank <0.0006 Standard name DMR-0476-2017-22-Eu Result 3.461 Accuracy 85.5% Limit 3.24 - 4.86

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Quality control Report

Lab number: V-69009

Sample name: ST-17

Sampling location: portage pit

Sampling date: October 09, 2017

Sampling hour: 08:00

Parameter	
Copper (Cu) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1001 Accuracy 99.9% Limit 0.0800 - 0.1200
Dissolved Copper (Cu) mg/L	Blank <0.0005 Standard name DMR-0476-2017-22-Eu Result 1.238 Accuracy 96.7% Limit 1.02 - 1.54
Cyanide W.A.D. mg/L	Blank 0.001 Standard name DMR-0343-CN Result 0.828 Accuracy 93.8% Limit 0.751 - 1.015
Total Cyanide (CNT) mg/L	Blank <0.001 Standard name DMR-0343-CN Result 1.32 Accuracy 88.1% Limit 1.003 - 1.357
Iron (Fe) mg/L	Blank <0.01 Standard name C00-046-705_X_1000 Result 1.01 Accuracy 99% Limit 0.800 - 1.200
Dissolved Iron (Fe) mg/L	Blank <0.01 Standard name DMR-0476-2017-22-Eu Result 12.1 Accuracy 93.9% Limit 9.1 - 13.7
Ferrous Iron (Fe 2+) mg/L	Blank <0.01 Standard name Maison-Fe+-0.5ppm Result 0.52 Accuracy 96% Limit 0.4 - 0.6
Ferric Iron (Fe 3+) mg/L	Blank 0.01
Fluoride (F) mg/L	Blank <0.02 Standard name Controle maison 2 ppm F Result 2.13 Accuracy 93.5%

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Quality control Report

Lab number: V-69009

Sample name: ST-17

Sampling location: portage pit

Sampling date: October 09, 2017

Sampling hour: 08:00

Parameter		
Total Suspended Solids mg/L	Limit 1.85 - 2.15	
	Blank <1	
	Standard name STD-MES 25mg/L	
	Result 25	
	Accuracy 100%	
Magnesium (Mg) mg/L	Limit 19 - 31	
	Blank <0.02	
	Standard name C00-046-705_X_1000	
	Result 1.01	
	Accuracy 99%	
Manganese (Mn) mg/L	Limit 0.800 - 1.200	
	Blank <0.0005	
	Standard name C00-046-705_X_1000	
	Result 0.0951	
	Accuracy 95.1%	
Dissolved Manganese (Mn) mg/L	Limit 0.0800 - 0.1200	
	Blank <0.0005	
	Standard name DMR-0476-2017-22-Eu	
	Result 3.285	
	Accuracy 84.2%	
Mercury (Hg) mg/L	Limit 3.12 - 4.68	
	Blank <0.00001	
	Standard name DMR-0564-2016-14HgEu	
	Result 0.00053	
	Accuracy 80.3%	
Dissolved Mercury (Hg) mg/L	Limit 0.00040 - 0.00092	
	Blank <0.00001	
	Molybdenum (Mo) mg/L	Blank <0.0005
		Standard name C00-046-705_X_1000
		Result 0.0897
Accuracy 89.7%		
Dissolved Molybdenum (Mo) mg/		Limit 0.0800 - 0.1200
	Blank <0.0005	
	Standard name C00-046-705_X_1000	
	Result 0.0864	
	Accuracy 86.4%	
Ammonia NH3 (non-ionized) mg	Limit 0.0800 - 0.1200	
	Blank <0.01	
Nickel (Ni) mg/L	Blank <0.0005	
	Standard name C00-046-705_X_1000	

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Quality control Report

Lab number: V-69009

Sample name: ST-17

Sampling location: portage pit

Sampling date: October 09, 2017

Sampling hour: 08:00

Parameter	
Dissolved Nickel (Ni) mg/L	Result 0.1008
	Accuracy 99.2%
	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu
Nitrate (NO3) mg N/L	Result 1.038
	Accuracy 91.1%
	Limit 0.91 - 1.37
	Blank <0.01
	Sample duplicate 8.17-8.19
Nitrite (NO2) mg N/L	Blank <0.01
	Standard name DMR-0476-2017-NO2
	Result 2.90
	Accuracy 93%
	Limit 2.30 - 3.12
Total Phosphorus (P) mg P/L	Sample duplicate 0.05-0.05
	Blank <0.01
	Standard name DMR-0534-2017-Ptotal
	Result 1.22
	Accuracy 93%
Lead (Pb) mg/L	Limit 1.00 - 1.28
	Blank <0.0003
	Standard name C00-046-705_X_1000
	Result 0.0837
	Accuracy 83.7%
Dissolved Lead (Pb) mg/L	Limit 0.0800 - 0.1200
	Blank <0.0003
	Standard name C00-046-705_X_1000
	Result 0.0853
	Accuracy 85.3%
Potassium (K) mg/L	Limit 0.0800 - 0.1200
	Blank <0.05
	Standard name C00-046-705_X_1000
	Result 0.93
	Accuracy 93%
Selenium (Se) mg/L	Limit 0.800 - 1.200
	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.091
	Accuracy 91%

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

This report shall not be reproduced except in full without the written authority of the laboratory.



Quality control Report

Lab number: V-69009

Sample name: ST-17

Sampling location: portage pit

Sampling date: October 09, 2017

Sampling hour: 08:00

Parameter	
Dissolved Selenium (Se) mg/L	Limit 0.0800 - 0.1200
	Blank <0.001
	Standard name DMR-0476-2017-22-Eu
	Result 1.33
	Accuracy 98.5%
Sodium (Na) mg/L	Limit 1.08 - 1.62
	Blank <0.05
	Standard name C00-046-705_X_1000
	Result 0.95
	Accuracy 95%
Sulfate (SO4) mg SO4/L	Limit 0.800 - 1.200
	Blank <0.6
	Standard name DMR-0534-2017-SO4
	Result 123
	Accuracy 100%
Zinc (Zn) mg/L	Limit 114 - 132
	Sample duplicate 204-209
	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.095
Dissolved Zinc mg/L	Accuracy 95%
	Limit 0.0800 - 0.1200
	Blank <0.001
	Standard name DMR-0476-2017-22-Eu
	Result 4.28
Accuracy 93.9%	
	Limit 3.65 - 5.47

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
This report shall not be reproduced except in full without the written authority of the laboratory.



Additional information

Lab number: V-69009

Sample name: ST-17

Sampling location: portage pit

Sampling date: October 09, 2017

Sampling hour: 08:00

Container requirement are not met, results are only indicative, for the following parameter(s): . Dissolved oxygen.

Use PO 623912

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-NH3-2.0	MA.300-N 2.0
M-CL-2.0	MA.300-Ions 1.3
M-CN-1.0	MA.300-CN 1.2
M-CI-1.0	MA.300-Anions 1.0
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-P-3.0	MA. 315-P 2.0
M-SULF-2.0	MA.300-Ions 1.3

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-69904

Sampling location: ST-8/ST-MMER-3/65 01.11.2N 96 02.32.0W

Sampling date: October 30, 2017

Sample name: ST-8/ST-MMER-3

Sampling hour: 07:30

Sampled by: Tom T

Date received: October 31, 2017

Matrix: Water

Reported on: December 04, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
This report shall not be reproduced except in full without the written authority of the laboratory.



Analytical Report

Lab number: V-69904

Sample name: ST-8/ST-MMER-3

Sampling date: October 30, 2017

Sampling location: ST-8/ST-MMER-3/6501.11.2N9602.32.0W

Sampling hour: 07:30

Parameter	Result	Method name	Analysis date
Aluminium (Al)	0.027 mg/L	Sous-traitance\Multilab Direct	November 03, 2017
Arsenic (As)	0.0026 mg/L	Sous-traitance\Multilab Direct	November 03, 2017
Copper (Cu)	<0.0005 mg/L	Sous-traitance\Multilab Direct	November 03, 2017
Total Cyanide (CNT)	<0.001 mg/L	Sous-traitance\Multilab Direct	November 06, 2017
Total Suspended Solids	4 mg/L	M-SOLI-1.0	November 01, 2017
Nickel (Ni)	0.0005 mg/L	Sous-traitance\Multilab Direct	November 03, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	November 03, 2017
Radium (Ra 226)	<0.002 Becquerels/L	M-RA-2.0	December 01, 2017
Sulfate (SO4)	7.0 mg SO4/L	Sous-traitance\Multilab Direct	November 02, 2017
Zinc (Zn)	0.002 mg/L	Sous-traitance\Multilab Direct	November 03, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
This report shall not be reproduced except in full without the written authority of the laboratory.



Detection limit

Lab number: V-69904

Sample name: ST-8/ST-MMER-3

Sampling date: October 30, 2017

Sampling location: ST-8/ST-MMER-3/6501.11.2N9602.32.0W

Sampling hour: 07:30

Parameter	Value	Unit	Method	Accreditation
Aluminium (Al)	0.003	mg/L	Sous-traitance	
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Radium (Ra 226)	0.002	Becquerels/L	M-RA-2.0	Yes
Sulfate (SO4)	0.6	mg SO4/L	Sous-traitance	Yes
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

This report shall not be reproduced except in full without the written authority of the laboratory.



Quality control Report

Lab number: V-69904

Sample name: ST-8/ST-MMER-3

Sampling date: October 30, 2017

Sampling location: ST-8/ST-MMER-3/6501.11.2N9602.32.0W

Sampling hour: 07:30

Parameter	
Aluminium (Al) mg/L	Blank <0.006 Standard name C00-046-705_X_1000 Result 0.975 Accuracy 97.5% Limit 0.800 - 1.200
Arsenic (As) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0952 Accuracy 95.2% Limit 0.0700 - 0.1300
Copper (Cu) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1010 Accuracy 99% Limit 0.0800 - 0.1200
Total Cyanide (CNT) mg/L	Blank <0.001 Standard name DMR-0343-CN Result 1.17 Accuracy 99.2% Limit 1.003 - 1.357
Total Suspended Solids mg/L	Blank <1 Standard name STD-MES 25mg/L Result 21 Accuracy 84% Limit 19 - 31
Nickel (Ni) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0992 Accuracy 99.2% Limit 0.0800 - 0.1200
Lead (Pb) mg/L	Blank <0.0003 Standard name C00-046-705_X_1000 Result 0.0962 Accuracy 96.2% Limit 0.0800 - 0.1200
Radium (Ra 226) Becquerels/L	Blank <0.002 Standard name STD 54982 Result 0.059 Accuracy 85.5% Limit 0.059 - 0.079

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Additional information

Lab number: V-69904

Sample name: ST-8/ST-MMER-3

Sampling date: October 30, 2017

Sampling location: ST-8/ST-MMER-3/6501.11.2N9602.32.0W

Sampling hour: 07:30

Lab method	Method reference
M-MET-3.0	MA.200-Mét. 1.2
M-CN-1.0	MA.300-CN 1.2
M-SOLI-1.0	MA.104-S.S. 1.1
M-RA-2.0	APHA 7500-Ra B et EPA P.13 (EMSL-CI)
M-SULF-2.0	MA.300-Ions 1.3

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Mortality summary

Note: The certificate of analysis will follow later. This is not an official certificate of analysis.

Client: H2Lab - Val d'Or

Request number: 17-855518

Daphnia magna 48h

Lab. No.: 3505627
 Your reference: ST-8/ST-MMER-3ab Monthly

Date sampled (date and hour): 2017-11-06; 08:00

concentration of sample (% v/v)	number of Daphnia 0 h	48 hours			
		immobility (number)	immobility (%)	mortality (number)	mortality (%)
Control	10	0	0	0	0
6.25	10	0	0	0	0
12.5	10	2	20	2	20
25	10	10	100	10	100
50	10	10	100	10	100
100	10	10	100	10	100



Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-70150

Sampling location: STP-LJMIX

Sampling date: November 06, 2017

Sample name: STP-LJMIX

Sampling hour: 08:00

Sampled by: JK

Date received: November 07, 2017

Matrix: Waste Water

Reported on: November 15, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Lab number: V-70150

Sample name: STP-LJMIX

Sampling location: STP-LJMIX

Sampling date: November 06, 2017

Sampling hour: 08:00

Parameter	Result	Method name	Analysis date
Ammonia nitrogen (NH ₃ -NH ₄)	2.00 mg N/L	Sous-traitance\Multilab Direct	November 09, 2017
Kjeldahl nitrogen	6.41 mg N/L	Sous-traitance\Multilab Direct	November 13, 2017
BOD-5	22 mg/L	Sous-traitance\H2Lab inc. (SAM)	November 08, 2017
COD	85 mg/L	Sous-traitance\H2Lab inc. (SAM)	November 13, 2017
Total Suspended Solids	18 mg/L	M-SOLI-1.0	November 08, 2017
Ammonia NH ₃ (non-ionized)	<0.01 mg N/L	Sous-traitance\Multilab Direct	November 09, 2017
Nitrate (NO ₃)	16.4 mg N/L	Sous-traitance\Multilab Direct	November 08, 2017
Nitrite (NO ₂)	0.26 mg N/L	Sous-traitance\Multilab Direct	November 08, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Additional information

Lab number: V-70150
Sample name: STP-LJMIX
Sampling location: STP-LJMIX

Sampling date: November 06, 2017
Sampling hour: 08:00

Lab method	Method reference
M-NH3-2.0	MA.300-N 2.0
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: M-122669

Sampling location: STP-IN

Sampling date: November 06, 2017

Sample name: STP-IN

Sampling hour: 08:00

Sampled by: JK

Date received: November 08, 2017

Matrix: Waste water

Reported on: November 13, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Lab number: M-122669

Sample name: STP-IN

Sampling date: November 06, 2017

Sampling location: STP-IN

Sampling hour: 08:00

Parameter	Result	Method name	Analysis date
Fecal coliforms	2 300 000 CFU/100ml	M-COLI-1,0	November 08, 2017
Total coliforms	35 000 000 CFU/100ml	M-COLI-2,0	November 08, 2017
Atypical colonies	12 000 000 CFU/100ml	M-COLI-2,0	November 08, 2017
Temperature	10 °C	M-TEMP-1.0	November 08, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Additional information

Lab number: M-122669

Sample name: STP-IN

Sampling location: STP-IN

Sampling date: November 06, 2017

Sampling hour: 08:00

State of the sample at reception : Temperature under 12°C.

Lab method	Method reference
M-COLI-1,0	MA.700-Ecctmi 1.0
M-COLI-2,0	MA.700-Ecctmi 1.0

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: M-122670

Sampling location: STP-LJMIX

Sampling date: November 06, 2017

Sample name: STP-LJMIX

Sampling hour: 08:00

Sampled by: JK

Date received: November 08, 2017

Matrix: Waste water

Reported on: November 13, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Lab number: M-122670

Sample name: STP-LJMIX

Sampling location: STP-LJMIX

Sampling date: November 06, 2017

Sampling hour: 08:00

Parameter	Result	Method name	Analysis date
Fecal coliforms	1 300 CFU/100ml	M-COLI-1,0	November 08, 2017
Total coliforms	7 000 CFU/100ml	M-COLI-2,0	November 08, 2017
Atypical colonies	71 000 CFU/100ml	M-COLI-2,0	November 08, 2017
Temperature	10 °C	M-TEMP-1.0	November 08, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Additional information

Lab number: M-122670

Sample name: STP-LJMIX

Sampling location: STP-LJMIX

Sampling date: November 06, 2017

Sampling hour: 08:00

State of the sample at reception : Temperature under 12°C.

Lab method	Method reference
M-COLI-1,0	MA.700-Ecctmi 1.0
M-COLI-2,0	MA.700-Ecctmi 1.0

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: M-122671

Sampling location: STP-SEP

Sampling date: November 06, 2017

Sample name: STP-SEP

Sampling hour: 08:00

Sampled by: JK

Date received: November 08, 2017

Matrix: Waste water

Reported on: November 13, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Lab number: M-122671

Sample name: STP-SEP

Sampling location: STP-SEP

Sampling date: November 06, 2017

Sampling hour: 08:00

Parameter	Result	Method name	Analysis date
Fecal coliforms	320 000 CFU/100ml	M-COLI-1,0	November 08, 2017
Total coliforms	370 000 CFU/100ml	M-COLI-2,0	November 08, 2017
Atypical colonies	1 400 000 CFU/100ml	M-COLI-2,0	November 08, 2017
Temperature	9.5 °C	M-TEMP-1.0	November 08, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Additional information

Lab number: M-122671

Sample name: STP-SEP

Sampling location: STP-SEP

Sampling date: November 06, 2017

Sampling hour: 08:00

State of the sample at reception : Temperature under 12°C.

Lab method	Method reference
M-COLI-1,0	MA.700-Ecctmi 1.0
M-COLI-2,0	MA.700-Ecctmi 1.0

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-70151

Sampling location: STP-SEP

Sampling date: November 06, 2017

Sample name: STP-SEP

Sampling hour: 08:00

Sampled by: JK

Date received: November 07, 2017

Matrix: Waste Water

Reported on: November 15, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Lab number: V-70151

Sample name: STP-SEP

Sampling location: STP-SEP

Sampling date: November 06, 2017

Sampling hour: 08:00

Parameter	Result	Method name	Analysis date
Ammonia nitrogen (NH ₃ -NH ₄)	46.6 mg N/L	Sous-traitance\Multilab Direct	November 09, 2017
Kjeldahl nitrogen	59.6 mg N/L	Sous-traitance\Multilab Direct	November 13, 2017
BOD-5	23 mg/L	Sous-traitance\H2Lab inc. (SAM)	November 08, 2017
COD	98 mg/L	Sous-traitance\H2Lab inc. (SAM)	November 13, 2017
Total Suspended Solids	15 mg/L	M-SOLI-1.0	November 08, 2017
Ammonia NH ₃ (non-ionized)	0.76 mg N/L	Sous-traitance\Multilab Direct	November 09, 2017
Nitrate (NO ₃)	1.22 mg N/L	Sous-traitance\Multilab Direct	November 08, 2017
Nitrite (NO ₂)	1.85 mg N/L	Sous-traitance\Multilab Direct	November 08, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

This report shall not be reproduced except in full without the written authority of the laboratory.



Detection limit

Lab number: V-70151

Sample name: STP-SEP

Sampling location: STP-SEP

Sampling date: November 06, 2017

Sampling hour: 08:00

Parameter	Value	Unit	Method	Accreditation
Ammonia nitrogen (NH ₃ -NH ₄)	0.01	mg N/L	Sous-traitance	Yes
Kjeldahl nitrogen	0.05	mg N/L	Sous-traitance	Yes
BOD-5	1	mg/L	Sous-traitance	
COD	5	mg/L	Sous-traitance	
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Ammonia NH ₃ (non-ionized)	0.01	mg N/L	Sous-traitance	-
Nitrate (NO ₃)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO ₂)	0.01	mg N/L	Sous-traitance	Yes

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

This report shall not be reproduced except in full without the written authority of the laboratory.



Additional information

Lab number: V-70151
Sample name: STP-SEP
Sampling location: STP-SEP

Sampling date: November 06, 2017
Sampling hour: 08:00

Lab method	Method reference
M-NH3-2.0	MA.300-N 2.0
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-70149

Sampling location: STP-IN

Sampling date: November 06, 2017

Sample name: STP-IN

Sampling hour: 08:00

Sampled by: JK

Date received: November 07, 2017

Matrix: Waste Water

Reported on: November 15, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
This report shall not be reproduced except in full without the written authority of the laboratory.



Analytical Report

Lab number: V-70149

Sample name: STP-IN

Sampling location: STP-IN

Sampling date: November 06, 2017

Sampling hour: 08:00

Parameter	Result	Method name	Analysis date
Ammonia nitrogen (NH ₃ -NH ₄)	86.9 mg N/L	Sous-traitance\Multilab Direct	November 09, 2017
Kjeldahl nitrogen	104 mg N/L	Sous-traitance\Multilab Direct	November 13, 2017
BOD-5	83 mg/L	Sous-traitance\H2Lab inc. (SAM)	November 08, 2017
COD	301 mg/L	Sous-traitance\H2Lab inc. (SAM)	November 13, 2017
Total Suspended Solids	156 mg/L	M-SOLI-1.0	November 08, 2017
Ammonia NH ₃ (non-ionized)	0.96 mg N/L	Sous-traitance\Multilab Direct	November 09, 2017
Nitrate (NO ₃)	0.03 mg N/L	Sous-traitance\Multilab Direct	November 08, 2017
Nitrite (NO ₂)	0.03 mg N/L	Sous-traitance\Multilab Direct	November 08, 2017
Total Phosphorus (P)	8.70 mg P/L	Sous-traitance\Multilab Direct	November 10, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

This report shall not be reproduced except in full without the written authority of the laboratory.



Detection limit

Lab number: V-70149

Sample name: STP-IN

Sampling location: STP-IN

Sampling date: November 06, 2017

Sampling hour: 08:00

Parameter	Value	Unit	Method	Accreditation
Ammonia nitrogen (NH ₃ -NH ₄)	0.01	mg N/L	Sous-traitance	Yes
Kjeldahl nitrogen	0.05	mg N/L	Sous-traitance	Yes
BOD-5	1	mg/L	Sous-traitance	
COD	5	mg/L	Sous-traitance	
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Ammonia NH ₃ (non-ionized)	0.01	mg N/L	Sous-traitance	-
Nitrate (NO ₃)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO ₂)	0.01	mg N/L	Sous-traitance	Yes
Total Phosphorus (P)	0.01	mg P/L	Sous-traitance	Yes

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

This report shall not be reproduced except in full without the written authority of the laboratory.



Quality control Report

Lab number: V-70149

Sample name: STP-IN

Sampling location: STP-IN

Sampling date: November 06, 2017

Sampling hour: 08:00

Parameter

Ammonia nitrogen (NH₃-NH₄) mg N/L Blank <0.01
Standard name DMR-0534-2017-NH3
Result 2.15
Accuracy
Limit 1.81 - 2.45

Kjeldahl nitrogen mg N/L Blank <0.05
Standard name DMR-0534-2017-NTK
Result 5.97
Accuracy
Limit 4.82 - 6.52

Total Suspended Solids mg/L Blank <1
Standard name STD-MES 25mg/L
Result 26
Accuracy 96%
Limit 19 - 31

Ammonia NH₃ (non-ionized) mg Blank <0.01
Nitrate (NO₃) mg N/L Blank <0.01
Nitrite (NO₂) mg N/L Blank <0.01
Standard name DMR-0581-2017-NO2
Result 2.92
Accuracy
Limit 2.30 - 3.12

Total Phosphorus (P) mg P/L Blank <0.01
Standard name DMR-0534-2017-Ptotal
Result 1.09
Accuracy
Limit 1.00 - 1.28

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
This report shall not be reproduced except in full without the written authority of the laboratory.



Additional information

Lab number: V-70149
Sample name: STP-IN
Sampling location: STP-IN

Sampling date: November 06, 2017
Sampling hour: 08:00

Lab method	Method reference
M-NH3-2.0	MA.300-N 2.0
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-P-3.0	MA. 315-P 2.0

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-70153

Sampling location: ST-S-5

Sampling date: November 06, 2017

Sample name: ST-S-5

Sampling hour: 07:30

Sampled by: MT

Date received: November 07, 2017

Matrix: Water

Reported on: November 21, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Lab number: V-70153

Sample name: ST-S-5

Sampling location: ST-S-5

Sampling date: November 06, 2017

Sampling hour: 07:30

Parameter	Result	Method name	Analysis date
Alkalinity	119 mg CaCO ₃ /L	M-TIT-1.0	November 07, 2017
Aluminium (Al)	0.014 mg/L	Sous-traitance\Multilab Direct	November 09, 2017
Dissolved Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	November 09, 2017
Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	November 09, 2017
Dissolved Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	November 09, 2017
Arsenic (As)	0.0434 mg/L	Sous-traitance\Multilab Direct	November 09, 2017
Dissolved Arsenic (As)	0.0170 mg/L	Sous-traitance\Multilab Direct	November 09, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	27.7 mg N/L	Sous-traitance\Multilab Direct	November 09, 2017
Barium (Ba)	0.0264 mg/L	Sous-traitance\Multilab Direct	November 09, 2017
Dissolved Barium (Ba)	0.0229 mg/L	Sous-traitance\Multilab Direct	November 09, 2017
Cadmium (Cd)	0.00096 mg/L	Sous-traitance\Multilab Direct	November 09, 2017
Dissolved Cadmium (Cd)	0.00124 mg/L	Sous-traitance\Multilab Direct	November 09, 2017
Chloride	417 mg/L	Sous-traitance\Multilab Direct	November 09, 2017
Chrome (Cr)	0.0009 mg/L	Sous-traitance\Multilab Direct	November 09, 2017
Dissolved Chromium (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	November 09, 2017
Copper (Cu)	0.0051 mg/L	Sous-traitance\Multilab Direct	November 09, 2017
Dissolved Copper (Cu)	0.0042 mg/L	Sous-traitance\Multilab Direct	November 09, 2017
Cyanide W.A.D.	0.053 mg/L	Sous-traitance\Multilab Direct	November 17, 2017
Total Cyanide (CNT)	0.253 mg/L	Sous-traitance\Multilab Direct	November 17, 2017
Hardness	1021 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	November 09, 2017
Iron (Fe)	2.27 mg/L	Sous-traitance\Multilab Direct	November 09, 2017
Dissolved Iron (Fe)	0.06 mg/L	Sous-traitance\Multilab Direct	November 09, 2017
Fluoride (F)	0.54 mg/L	Sous-traitance\Multilab Direct	November 20, 2017
Total Suspended Solids	6 mg/L	M-SOLI-1.0	November 08, 2017
Manganese (Mn)	2.084 mg/L	Sous-traitance\Multilab Direct	November 09, 2017
Dissolved Manganese (Mn)	2.054 mg/L	Sous-traitance\Multilab Direct	November 09, 2017
Mercury (Hg)	0.000169 mg/L	Sous-traitance\Multilab Direct	November 09, 2017
Dissolved Mercury (Hg)	0.000129 mg/L	Sous-traitance\Multilab Direct	November 09, 2017
Molybdenum (Mo)	0.2960 mg/L	Sous-traitance\Multilab Direct	November 09, 2017
Dissolved Molybdenum (Mo)	0.2903 mg/L	Sous-traitance\Multilab Direct	November 09, 2017
Ammonia NH ₃ (non-ionized)	0.41 mg N/L	Sous-traitance\Multilab Direct	November 09, 2017
Nickel (Ni)	0.0187 mg/L	Sous-traitance\Multilab Direct	November 09, 2017
Dissolved Nickel (Ni)	0.0191 mg/L	Sous-traitance\Multilab Direct	November 09, 2017
Nitrate (NO ₃)	<0.01 mg N/L	Sous-traitance\Multilab Direct	November 08, 2017
Nitrite (NO ₂)	0.01 mg N/L	Sous-traitance\Multilab Direct	November 08, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	November 09, 2017
Dissolved Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	November 09, 2017
Selenium (Se)	0.013 mg/L	Sous-traitance\Multilab Direct	November 09, 2017
Dissolved Selenium (Se)	0.017 mg/L	Sous-traitance\Multilab Direct	November 09, 2017
Dissolved Solids	2714 mg/L	M-TIT-1.0	November 07, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Analytical Report

Lab number: V-70153

Sample name: ST-S-5

Sampling location: ST-S-5

Sampling date: November 06, 2017

Sampling hour: 07:30

Parameter	Result	Method name	Analysis date
Sulfate (SO4)	1947 mg SO4/L	Sous-traitance\Multilab Direct	November 13, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	November 14, 2017
Dissolved thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	November 14, 2017
Zinc (Zn)	0.001 mg/L	Sous-traitance\Multilab Direct	November 09, 2017
Dissolved Zinc	0.004 mg/L	Sous-traitance\Multilab Direct	November 09, 2017

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Detection limit

Lab number: V-70153

Sample name: ST-S-5

Sampling location: ST-S-5

Sampling date: November 06, 2017

Sampling hour: 07:30

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO ₃ /L	M-TIT-1.0	
Aluminium (Al)	0.003	mg/L	Sous-traitance	
Dissolved Aluminium (Al)	0.003	mg/L	Sous-traitance	
Silver (Ag)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Silver (Ag)	0.0001	mg/L	Sous-traitance	
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Arsenic (As)	0.0005	mg/L	Sous-traitance	
Ammonia nitrogen (NH ₃ -NH ₄)	0.01	mg N/L	Sous-traitance	Yes
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Barium (Ba)	0.0005	mg/L	Sous-traitance	
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Dissolved Cadmium (Cd)	0.00002	mg/L	Sous-traitance	
Chloride	0.5	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Dissolved Chromium (Cr)	0.0006	mg/L	Sous-traitance	
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Copper (Cu)	0.0005	mg/L	Sous-traitance	
Cyanide W.A.D.	0.001	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO ₃ /L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes
Dissolved Iron (Fe)	0.01	mg/L	Sous-traitance	
Fluoride (F)	0.01	mg/L	Sous-traitance	Yes
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Manganese (Mn)	0.0003	mg/L	Sous-traitance	
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Dissolved Mercury (Hg)	0.00001	mg/L	Sous-traitance	
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	
Ammonia NH ₃ (non-ionized)	0.01	mg N/L	Sous-traitance	-
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Nickel (Ni)	0.0005	mg/L	Sous-traitance	
Nitrate (NO ₃)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO ₂)	0.01	mg N/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Dissolved Lead (Pb)	0.0003	mg/L	Sous-traitance	
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Dissolved Selenium (Se)	0.001	mg/L	Sous-traitance	
Dissolved Solids	1	mg/L	M-TIT-1.0	

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Detection limit

Lab number: V-70153

Sample name: ST-S-5

Sampling location: ST-S-5

Sampling date: November 06, 2017

Sampling hour: 07:30

Parameter	Value	Unit	Method	Accreditation
Sulfate (SO4)	0.6	mg SO4/L	Sous-traitance	Yes
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Dissolved thallium (Tl)	0.0008	mg/L	Sous-traitance	
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes
Dissolved Zinc	0.001	mg/L	Sous-traitance	

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Quality control Report

Lab number: V-70153

Sample name: ST-S-5

Sampling location: ST-S-5

Sampling date: November 06, 2017

Sampling hour: 07:30

Parameter	
Alkalinity mg CaCO3/L	Standard name STD alcalinité Result 144 Accuracy 99.3% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006
	Standard name DMR-0476-2017-22-Eu Result 6.06 Accuracy 96.7% Limit 5.02 - 7.52
Dissolved Aluminium (Al) mg/L	Blank <0.006
	Standard name DMR-0476-2017-22-Eu Result 6.16 Accuracy 98.2% Limit 5.02 - 7.52
Silver (Ag) mg/L	Blank <0.0001
Dissolved Silver (Ag) mg/L	Blank <0.0001
Arsenic (As) mg/L	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu Result 0.2773 Accuracy 97.6% Limit 0.199 - 0.369
Dissolved Arsenic (As) mg/L	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu Result 0.3051 Accuracy 92.6% Limit 0.199 - 0.369
Ammonia nitrogen (NH3-NH4) mg N/L	Blank <0.01
	Standard name DMR-0534-2017-NH3 Result 2.15 Accuracy 99.1% Limit 1.81 - 2.45
Barium (Ba) mg/L	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu Result 2.216 Accuracy 91.2% Limit 1.94 - 2.92
Dissolved Barium (Ba) mg/L	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu Result 2.355 Accuracy 96.9%

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Quality control Report

Lab number: V-70153

Sample name: ST-S-5

Sampling location: ST-S-5

Sampling date: November 06, 2017

Sampling hour: 07:30

Parameter	
Cadmium (Cd) mg/L	Limit 1.94 - 2.92
	Blank <0.00002
	Standard name DMR-0476-2017-22-Eu
	Result 0.83251
	Accuracy 92.4%
Dissolved Cadmium (Cd) mg/L	Limit 0.721 - 1.081
	Blank <0.00002
	Standard name DMR-0476-2017-22-Eu
	Result 0.85806
	Accuracy 95.2%
Chloride mg/L	Limit 0.721 - 1.081
	Blank <0.5
	Standard name DMR-0534-2017-CL
	Result 118
	Accuracy 90.7%
Chrome (Cr) mg/L	Limit 95 - 121
	Blank <0.0006
	Standard name DMR-0476-2017-22-Eu
	Result 3.728
	Accuracy 92%
Dissolved Chromium (Cr) mg/L	Limit 3.24 - 4.86
	Blank <0.0006
	Standard name DMR-0476-2017-22-Eu
	Result 3.826
	Accuracy 94.5%
Copper (Cu) mg/L	Limit 3.24 - 4.86
	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu
	Result 1.339
	Accuracy 95.4%
Dissolved Copper (Cu) mg/L	Limit 1.02 - 1.54
	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu
	Result 1.398
	Accuracy 90.8%
Cyanide W.A.D. mg/L	Limit 1.02 - 1.54
	Blank <0.001
	Standard name DMR-0343-CN
	Result 0.830
	Accuracy 94%

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Quality control Report

Lab number: V-70153

Sample name: ST-S-5

Sampling location: ST-S-5

Sampling date: November 06, 2017

Sampling hour: 07:30

Parameter	
Total Cyanide (CNT) mg/L	Limit 0.751 - 1.015
	Blank <0.001
	Standard name DMR-0343-CN
	Result 1.06
	Accuracy 89.8%
Iron (Fe) mg/L	Limit 1.003 - 1.357
	Blank <0.01
	Standard name DMR-0476-2017-22-Eu
	Result 11.0
	Accuracy 96.5%
Dissolved Iron (Fe) mg/L	Limit 9.1 - 13.7
	Blank <0.01
	Standard name DMR-0476-2017-22-Eu
	Result 12.8
	Accuracy 87.7%
Fluoride (F) mg/L	Limit 9.1 - 13.7
	Blank <0.02
	Standard name Controle maison 2 ppm F
	Result 2.14
	Accuracy 93%
Total Suspended Solids mg/L	Limit 1.85 - 2.15
	Blank <1
	Standard name STD-MES 25mg/L
	Result 26
	Accuracy 96%
Manganese (Mn) mg/L	Limit 19 - 31
	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu
	Result 3.622
	Accuracy 92.9%
Dissolved Manganese (Mn) mg/L	Limit 3.12 - 4.68
	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu
	Result 3.611
	Accuracy 92.6%
Mercury (Hg) mg/L	Limit 3.12 - 4.68
	Blank <0.000010
	Standard name DMR-0564-2016-14HgEu
	Result 0.000461
	Accuracy 69.8%

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Quality control Report

Lab number: V-70153

Sample name: ST-S-5

Sampling location: ST-S-5

Sampling date: November 06, 2017

Sampling hour: 07:30

Parameter	
	Limit 0.00040 - 0.00092
Dissolved Mercury (Hg) mg/L	Blank <0.000010
Molybdenum (Mo) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0889
	Accuracy 88.9%
	Limit 0.0800 - 0.1200
Dissolved Molybdenum (Mo) mg/L	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu
	Result 0.5671
	Accuracy 80.1%
	Limit 0.566 - 0.850
Ammonia NH3 (non-ionized) mg N/L	Blank <0.01
Nickel (Ni) mg/L	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu
	Result 1.105
	Accuracy 96.9%
	Limit 0.91 - 1.37
Dissolved Nickel (Ni) mg/L	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu
	Result 1.151
	Accuracy 99%
	Limit 0.91 - 1.37
Nitrate (NO3) mg N/L	Blank <0.01
Nitrite (NO2) mg N/L	Blank <0.01
	Standard name DMR-0581-2017-NO2
	Result 2.92
	Accuracy 92.3%
	Limit 2.30 - 3.12
Lead (Pb) mg/L	Blank <0.0003
	Standard name DMR-0476-2017-22-Eu
	Result 0.8631
	Accuracy 95.6%
	Limit 0.722 - 1.084
Dissolved Lead (Pb) mg/L	Blank <0.0003
	Standard name DMR-0476-2017-22-Eu
	Result 0.9031
	Accuracy 100%
	Limit 0.722 - 1.084
Selenium (Se) mg/L	Blank <0.001

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Quality control Report

Lab number: V-70153

Sample name: ST-S-5

Sampling location: ST-S-5

Sampling date: November 06, 2017

Sampling hour: 07:30

Parameter	
	Standard name DMR-0476-2017-22-Eu
	Result 1.39
	Accuracy 97%
	Limit 1.08 - 1.62
Dissolved Selenium (Se) mg/L	Blank <0.001
	Standard name DMR-0476-2017-22-Eu
	Result 1.46
	Accuracy 91.9%
	Limit 1.08 - 1.62
Sulfate (SO4) mg SO4/L	Blank <0.6
	Standard name DMR-0534-2017-SO4
	Result 129
	Accuracy 95.1%
	Limit 114 - 132
Thallium (Tl) mg/L	Blank <0.0008
	Standard name TI-S140909023-1000ppm
	Result 880
	Accuracy 88%
	Limit 800 - 1200
Dissolved thallium (Tl) mg/L	Blank <0.0008
	Standard name TI-S140909023-1000ppm
	Result 872
	Accuracy 87.2%
	Limit 800 - 1200
Zinc (Zn) mg/L	Blank <0.001
	Standard name DMR-0476-2017-22-Eu
	Result 4.52
	Accuracy 99.1%
	Limit 3.65 - 5.47
Dissolved Zinc mg/L	Blank <0.001
	Standard name DMR-0476-2017-22-Eu
	Result 4.67
	Accuracy 97.6%
	Limit 3.65 - 5.47

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Additional information

Lab number: V-70153
Sample name: ST-S-5
Sampling location: ST-S-5

Sampling date: November 06, 2017
Sampling hour: 07:30

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-NH3-2.0	MA.300-N 2.0
M-CL-2.0	MA.300-Ions 1.3
M-CN-1.0	MA.300-CN 1.2
M-CI-1.0	MA.300-Anions 1.0
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-SULF-2.0	MA.300-Ions 1.3

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-70154

Sampling location: ST-8/ST-MMER-3ab/65°01'11.2"N96°02'32.0"W

Sampling date: November 06, 2017

Sample name: ST-8/ST-MMER-3ab Monthly

Sampling hour: 08:00

Sampled by: MT

Date received: November 07, 2017

Matrix: Water

Drinking water distribution:

Reported on: December 13, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Lab number: V-70154

Sample name: ST-8/ST-MMER-3ab Monthly

Sampling date: November 06, 2017

Sampling location: ST-8/ST-MMER-3ab/65°01'11.2"N96°02'32.0"W

Sampling hour: 08:00

Parameter	Result	Method name	Analysis date
Aluminium (Al)	0.059 mg/L	Sous-traitance\Multilab Direct	November 09, 2017
Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	November 09, 2017
Copper (Cu)	0.0005 mg/L	Sous-traitance\Multilab Direct	November 09, 2017
Total Cyanide (CNT)	0.001 mg/L	Sous-traitance\Multilab Direct	November 17, 2017
Daphnia Magna	See sub file	Sous-traitance\Eurofins	November 10, 2017
Total Suspended Solids	5 mg/L	M-SOLI-1.0	November 08, 2017
Nickel (Ni)	0.0009 mg/L	Sous-traitance\Multilab Direct	November 09, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	November 09, 2017
Radium (Ra 226)	<0.002 Becquerels/L	M-RA-2.0	December 13, 2017
Sulfate (SO4)	6.8 mg SO4/L	Sous-traitance\Multilab Direct	November 13, 2017
Rainbow trout	See sub file	Sous-traitance\Eurofins	November 10, 2017
Zinc (Zn)	0.001 mg/L	Sous-traitance\Multilab Direct	November 09, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Detection limit

Lab number: V-70154

Sample name: ST-8/ST-MMER-3ab Monthly

Sampling date: November 06, 2017

Sampling location: ST-8/ST-MMER-3ab/65°01'11.2"N96°02'32.0"W

Sampling hour: 08:00

Parameter	Value	Unit	Method	Accreditation
Aluminium (Al)	0.003	mg/L	Sous-traitance	
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Daphnia Magna			Sous-traitance	Yes
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Radium (Ra 226)	0.002	Becquerels/L	M-RA-2.0	Yes
Sulfate (SO4)	0.6	mg SO4/L	Sous-traitance	Yes
Rainbow trout			Sous-traitance	Yes
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Quality control Report

Lab number: V-70154

Sample name: ST-8/ST-MMER-3ab Monthly

Sampling date: November 06, 2017

Sampling location: ST-8/ST-MMER-3ab/65°01'11.2"N96°02'32.0"W

Sampling hour: 08:00

Parameter

Aluminium (Al) mg/L Blank <0.006
Standard name DMR-0476-2017-22-Eu
Result 6.06
Accuracy 96.7%
Limit 5.02 - 7.52

Arsenic (As) mg/L Blank <0.0005
Standard name DMR-0476-2017-22-Eu
Result 0.2773
Accuracy 97.6%
Limit 0.199 - 0.369

Copper (Cu) mg/L Blank <0.0005
Standard name DMR-0476-2017-22-Eu
Result 1.339
Accuracy 95.4%
Limit 1.02 - 1.54

Total Cyanide (CNT) mg/L Blank <0.001
Standard name DMR-0343-CN
Result 1.06
Accuracy 89.8%
Limit 1.003 - 1.357

Total Suspended Solids mg/L Blank <1
Standard name STD-MES 25mg/L
Result 26
Accuracy 96%
Limit 19 - 31

Nickel (Ni) mg/L Blank <0.0005
Standard name DMR-0476-2017-22-Eu
Result 1.105
Accuracy 96.9%
Limit 0.91 - 1.37

Lead (Pb) mg/L Blank <0.0003
Standard name DMR-0476-2017-22-Eu
Result 0.8631
Accuracy 95.6%
Limit 0.722 - 1.084

Radium (Ra 226) Becquerels/L Blank <0.002
Standard name STD 54982
Result 0.062
Accuracy 89.9%
Limit 0.059 - 0.079

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Additional information

Lab number: V-70154

Sample name: ST-8/ST-MMER-3ab Monthly

Sampling date: November 06, 2017

Sampling location: ST-8/ST-MMER-3ab/65°01'11.2"N96°02'32.0"W

Sampling hour: 08:00

Lab method	Method reference
M-MET-3.0	MA.200-Mét. 1.2
M-CN-1.0	MA.300-CN 1.2
M-SOLI-1.0	MA.104-S.S. 1.1
M-RA-2.0	APHA 7500-Ra B et EPA P.13 (EMSL-CI)
M-SULF-2.0	MA.300-Ions 1.3

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-70213

Sampling location: ST-21 South

Sampling date: November 07, 2017

Sample name: ST-21 South DUP

Sampling hour: 08:00

Sampled by: Martin Theriault

Date received: November 08, 2017

Matrix: Waste Water

Reported on: November 21, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Lab number: V-70213

Sample name: ST-21 South DUP

Sampling date: November 07, 2017

Sampling location: ST-21 South

Sampling hour: 08:00

Parameter	Result	Method name	Analysis date
Alkalinity	122 mg CaCO ₃ /L	M-TIT-1.0	November 08, 2017
Aluminium (Al)	0.060 mg/L	Sous-traitance\Multilab Direct	November 09, 2017
Dissolved Aluminium (Al)	0.045 mg/L	Sous-traitance\Multilab Direct	November 09, 2017
Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	November 09, 2017
Dissolved Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	November 09, 2017
Arsenic (As)	0.0016 mg/L	Sous-traitance\Multilab Direct	November 09, 2017
Dissolved Arsenic (As)	0.0052 mg/L	Sous-traitance\Multilab Direct	November 09, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	51.2 mg N/L	Sous-traitance\Multilab Direct	November 09, 2017
Barium (Ba)	0.0767 mg/L	Sous-traitance\Multilab Direct	November 09, 2017
Dissolved Barium (Ba)	0.0739 mg/L	Sous-traitance\Multilab Direct	November 09, 2017
Cadmium (Cd)	0.00233 mg/L	Sous-traitance\Multilab Direct	November 09, 2017
Dissolved Cadmium (Cd)	0.00201 mg/L	Sous-traitance\Multilab Direct	November 09, 2017
Chloride	382 mg/L	Sous-traitance\Multilab Direct	November 15, 2017
Chrome (Cr)	0.0019 mg/L	Sous-traitance\Multilab Direct	November 09, 2017
Dissolved Chromium (Cr)	0.0015 mg/L	Sous-traitance\Multilab Direct	November 09, 2017
Copper (Cu)	0.5989 mg/L	Sous-traitance\Multilab Direct	November 09, 2017
Dissolved Copper (Cu)	0.3061 mg/L	Sous-traitance\Multilab Direct	November 09, 2017
Cyanates (CNO)	43.0 mg CNO/L	Sous-traitance\Multilab Direct	November 17, 2017
Cyanide W.A.D.	0.030 mg/L	Sous-traitance\Multilab Direct	November 20, 2017
Total Cyanide (CNT)	0.200 mg/L	Sous-traitance\Multilab Direct	November 20, 2017
Hardness	1066 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	November 09, 2017
Iron (Fe)	0.20 mg/L	Sous-traitance\Multilab Direct	November 09, 2017
Dissolved Iron (Fe)	0.03 mg/L	Sous-traitance\Multilab Direct	November 09, 2017
Fluoride (F)	0.45 mg/L	Sous-traitance\Multilab Direct	November 10, 2017
Total Suspended Solids	3 mg/L	M-SOLI-1.0	November 09, 2017
Manganese (Mn)	0.2455 mg/L	Sous-traitance\Multilab Direct	November 09, 2017
Dissolved Manganese (Mn)	0.2438 mg/L	Sous-traitance\Multilab Direct	November 09, 2017
Mercury (Hg)	0.000639 mg/L	Sous-traitance\Multilab Direct	November 09, 2017
Dissolved Mercury (Hg)	0.00065 mg/L	Sous-traitance\Multilab Direct	November 13, 2017
Molybdenum (Mo)	0.6040 mg/L	Sous-traitance\Multilab Direct	November 09, 2017
Dissolved Molybdenum (Mo)	0.6082 mg/L	Sous-traitance\Multilab Direct	November 09, 2017
Ammonia NH ₃ (non-ionized)	1.43 mg N/L	Sous-traitance\Multilab Direct	November 09, 2017
Nickel (Ni)	0.1334 mg/L	Sous-traitance\Multilab Direct	November 09, 2017
Dissolved Nickel (Ni)	0.1282 mg/L	Sous-traitance\Multilab Direct	November 09, 2017
Nitrate (NO ₃)	3.35 mg N/L	Sous-traitance\Multilab Direct	November 10, 2017
Nitrite (NO ₂)	0.22 mg N/L	Sous-traitance\Multilab Direct	November 09, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	November 09, 2017
Dissolved Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	November 09, 2017
Selenium (Se)	0.061 mg/L	Sous-traitance\Multilab Direct	November 09, 2017
Dissolved Selenium (Se)	0.066 mg/L	Sous-traitance\Multilab Direct	November 09, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Analytical Report

Lab number: V-70213

Sample name: ST-21 South DUP

Sampling date: November 07, 2017

Sampling location: ST-21 South

Sampling hour: 08:00

Parameter	Result	Method name	Analysis date
Dissolved Solids	3879 mg/L	Sous-traitance\Multilab Direct	November 09, 2017
Sulfate (SO4)	2313 mg SO4/L	Sous-traitance\Multilab Direct	November 13, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	November 14, 2017
Dissolved thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	November 14, 2017
Thiocyanate (SCN)	57.2 mg SCN/L	Sous-traitance\Multilab Direct	November 15, 2017
Zinc (Zn)	0.004 mg/L	Sous-traitance\Multilab Direct	November 09, 2017
Dissolved Zinc	0.002 mg/L	Sous-traitance\Multilab Direct	November 09, 2017
Selenium IV	0.002 mg/L	Sous-traitance\CEAEQ	November 13, 2017
Selenium VI	0.047 mg/L	Sous-traitance\CEAEQ	November 13, 2017

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Detection limit

Lab number: V-70213

Sample name: ST-21 South DUP

Sampling date: November 07, 2017

Sampling location: ST-21 South

Sampling hour: 08:00

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO ₃ /L	M-TIT-1.0	
Aluminium (Al)	0.003	mg/L	Sous-traitance	
Dissolved Aluminium (Al)	0.003	mg/L	Sous-traitance	
Silver (Ag)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Silver (Ag)	0.0001	mg/L	Sous-traitance	
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Arsenic (As)	0.0005	mg/L	Sous-traitance	
Ammonia nitrogen (NH ₃ -NH ₄)	0.01	mg N/L	Sous-traitance	Yes
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Barium (Ba)	0.0005	mg/L	Sous-traitance	
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Dissolved Cadmium (Cd)	0.00002	mg/L	Sous-traitance	
Chloride	0.5	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Dissolved Chromium (Cr)	0.0006	mg/L	Sous-traitance	
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Copper (Cu)	0.0005	mg/L	Sous-traitance	
Cyanates (CNO)	0.01	mg CNO/L	Sous-traitance	
Cyanide W.A.D.	0.001	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO ₃ /L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes
Dissolved Iron (Fe)	0.01	mg/L	Sous-traitance	
Fluoride (F)	0.01	mg/L	Sous-traitance	Yes
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Manganese (Mn)	0.0003	mg/L	Sous-traitance	
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Dissolved Mercury (Hg)	0.00001	mg/L	Sous-traitance	
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	
Ammonia NH ₃ (non-ionized)	0.01	mg N/L	Sous-traitance	-
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Nickel (Ni)	0.0005	mg/L	Sous-traitance	
Nitrate (NO ₃)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO ₂)	0.01	mg N/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Dissolved Lead (Pb)	0.0003	mg/L	Sous-traitance	
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Dissolved Selenium (Se)	0.001	mg/L	Sous-traitance	

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Detection limit

Lab number: V-70213

Sample name: ST-21 South DUP

Sampling date: November 07, 2017

Sampling location: ST-21 South

Sampling hour: 08:00

Parameter	Value	Unit	Method	Accreditation
Dissolved Solids	1	mg/L	M-TIT-1.0	
Sulfate (SO4)	0.6	mg SO4/L	Sous-traitance	Yes
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Dissolved thallium (Tl)	0.0008	mg/L	Sous-traitance	
Thiocyanate (SCN)	0.05	mg SCN/L	Sous-traitance	Yes
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes
Dissolved Zinc	0.001	mg/L	Sous-traitance	
Selenium IV	0.001	mg/L	Sous-traitance	
Selenium VI	0.001	mg/L	Sous-traitance	

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Quality control Report

Lab number: V-70213

Sample name: ST-21 South DUP

Sampling date: November 07, 2017

Sampling location: ST-21 South

Sampling hour: 08:00

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 143 Accuracy 98.6% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006
	Standard name C00-046-705_X_1000 Result 1.02 Accuracy 98% Limit 0.800 - 1.200
Dissolved Aluminium (Al) mg/L	Blank <0.006
	Standard name DMR-0476-2017-22-Eu Result 6.17 Accuracy 98.4% Limit 5.02 - 7.52
Silver (Ag) mg/L	Blank <0.0001
Dissolved Silver (Ag) mg/L	Blank <0.0001
Arsenic (As) mg/L	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu Result 0.3051 Accuracy 92.6% Limit 0.199 - 0.369
Dissolved Arsenic (As) mg/L	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu Result 0.3132 Accuracy 89.7% Limit 0.199 - 0.369
Ammonia nitrogen (NH ₃ -NH ₄) mg N/L	Blank <0.01
	Standard name DMR-0534-2017-NH3 Result 2.19 Accuracy 97.2% Limit 1.81 - 2.45
Barium (Ba) mg/L	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu Result 2.355 Accuracy 96.9% Limit 1.94 - 2.92
Dissolved Barium (Ba) mg/L	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu Result 2.351 Accuracy 96.7%

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Quality control Report

Lab number: V-70213

Sample name: ST-21 South DUP

Sampling date: November 07, 2017

Sampling location: ST-21 South

Sampling hour: 08:00

Parameter	
Cadmium (Cd) mg/L	Limit 1.94 - 2.92
	Blank <0.00002
	Standard name DMR-0476-2017-22-Eu
	Result 0.85806
	Accuracy 95.2%
Dissolved Cadmium (Cd) mg/L	Limit 0.721 - 1.081
	Blank <0.00002
	Standard name DMR-0476-2017-22-Eu
	Result 0.94172
	Accuracy 95.5%
Chloride mg/L	Limit 0.721 - 1.081
	Blank <0.5
	Standard name DMR-0581-2017-CL
	Result 113
	Accuracy 95.4%
Chrome (Cr) mg/L	Limit 95 - 121
	Blank <0.0006
	Standard name C00-046-705_X_1000
	Result 0.0976
	Accuracy 97.6%
Dissolved Chromium (Cr) mg/L	Limit 0.0800 - 0.1200
	Blank <0.0006
	Standard name DMR-0476-2017-22-Eu
	Result 4.284
	Accuracy 94.2%
Copper (Cu) mg/L	Limit 3.24 - 4.86
	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu
	Result 1.398
	Accuracy 90.8%
Dissolved Copper (Cu) mg/L	Limit 1.02 - 1.54
	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu
	Result 1.510
	Accuracy 82%
Cyanates (CNO) mg CNO/L	Limit 1.02 - 1.54
	Blank <0.01
	Standard name Controle Maison CNO 250 ppm
	Result 258
	Accuracy 96.8%

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Quality control Report

Lab number: V-70213

Sample name: ST-21 South DUP

Sampling date: November 07, 2017

Sampling location: ST-21 South

Sampling hour: 08:00

Parameter	
Cyanide W.A.D. mg/L	Limit 175 - 325
	Blank <0.001
	Standard name DMR-0417
	Result 0.821
	Accuracy 93%
Total Cyanide (CNT) mg/L	Limit 0.751 - 1.015
	Blank <0.001
	Standard name DMR-0417
	Result 1.09
	Accuracy 92.4%
Iron (Fe) mg/L	Limit 1.00 - 1.36
	Blank <0.01
	Standard name DMR-0476-2017-22-Eu
	Result 12.8
	Accuracy 87.7%
Dissolved Iron (Fe) mg/L	Limit 9.1 - 13.7
	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 0.97
	Accuracy 97%
Fluoride (F) mg/L	Limit 0.800 - 1.200
	Blank <0.02
	Standard name Controle maison 2 ppm F
	Result 2.09
	Accuracy 95.5%
Total Suspended Solids mg/L	Limit 1.85 - 2.15
	Blank <1
	Standard name STD-MES 25mg/L
	Result 26
	Accuracy 96%
Manganese (Mn) mg/L	Limit 19 - 31
	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu
	Result 3.611
	Accuracy 92.6%
Dissolved Manganese (Mn) mg/L	Limit 3.12 - 4.68
	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu
	Result 3.950
	Accuracy 98.7%

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Quality control Report

Lab number: V-70213

Sample name: ST-21 South DUP

Sampling date: November 07, 2017

Sampling location: ST-21 South

Sampling hour: 08:00

Parameter	
Mercury (Hg) mg/L	Limit 3.12 - 4.68
	Blank <0.000010
	Standard name DMR-0564-2016-14HgEu
	Result 0.000470
	Accuracy 71.2%
Dissolved Mercury (Hg) mg/L	Limit 0.00040 - 0.00092
	Blank <0.00001
	Standard name DMR-0266-2017-HgEu
	Result 0.00044
	Accuracy 62.9%
Molybdenum (Mo) mg/L	Limit 0.00042 - 0.00098
	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu
	Result 0.5671
	Accuracy 80.1%
Dissolved Molybdenum (Mo) mg/L	Limit 0.566 - 0.850
	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu
	Result 0.6303
	Accuracy 89%
Ammonia NH3 (non-ionized) mg N/L	Limit 0.566 - 0.850
	Blank <0.01
Nickel (Ni) mg/L	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu
	Result 1.151
	Accuracy 99%
	Limit 0.91 - 1.37
Dissolved Nickel (Ni) mg/L	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu
	Result 1.212
	Accuracy 93.7%
	Limit 0.91 - 1.37
Nitrate (NO3) mg N/L	Blank <0.01
	Blank <0.01
Nitrite (NO2) mg N/L	Standard name DMR-0581-2017-NO2
	Result 2.74
	Accuracy 98.9%
	Limit 2.30 - 3.12
	Blank <0.0003
Lead (Pb) mg/L	Standard name C00-046-705_X_1000

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Quality control Report

Lab number: V-70213

Sample name: ST-21 South DUP

Sampling date: November 07, 2017

Sampling location: ST-21 South

Sampling hour: 08:00

Parameter	
Dissolved Lead (Pb) mg/L	Result 0.1007
	Accuracy 99.3%
	Limit 0.0800 - 0.1200
	Blank <0.0003
	Standard name DMR-0476-2017-22-Eu
Selenium (Se) mg/L	Result 0.9989
	Accuracy 89.4%
	Limit 0.722 - 1.084
	Blank <0.001
	Standard name DMR-0476-2017-22-Eu
Dissolved Selenium (Se) mg/L	Result 1.46
	Accuracy 91.9%
	Limit 1.08 - 1.62
	Blank <0.001
	Standard name DMR-0476-2017-22-Eu
Sulfate (SO4) mg SO4/L	Result 1.51
	Accuracy 88.1%
	Limit 1.08 - 1.62
	Blank <0.6
	Standard name DMR-0581-2017-SO4
Thallium (Tl) mg/L	Result 123
	Accuracy 100%
	Limit 114 - 132
	Blank <0.0008
	Standard name TI-S140909023-1000ppm
Dissolved thallium (Tl) mg/L	Result 880
	Accuracy 88%
	Limit 800 - 1200
	Blank <0.0008
	Standard name TI-S140909023-1000ppm
Thiocyanate (SCN) mg SCN/L	Result 872
	Accuracy 87.2%
	Limit 800 - 1200
	Blank <0.05
	Standard name STD SCN 568ppm
Zinc (Zn) mg/L	Result 688
	Accuracy 78.9%
	Limit 398 - 738
	Blank <0.001
	Standard name C00-046-705_X_1000

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Additional information

Lab number: V-70213

Sample name: ST-21 South DUP

Sampling location: ST-21 South

Sampling date: November 07, 2017

Sampling hour: 08:00

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-NH3-2.0	MA.300-N 2.0
M-CL-2.0	MA.300-Ions 1.3
M-CI-1.0	MA.300-Anions 1.0
M-CN-1.0	MA.300-CN 1.2
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-SULF-2.0	MA.300-Ions 1.3

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-70212

Sampling location: ST-21 South

Sampling date: November 07, 2017

Sample name: ST-21 South

Sampling hour: 08:00

Sampled by: Martin Theriault

Date received: November 08, 2017

Matrix: Waste Water

Reported on: November 21, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Lab number: V-70212

Sample name: ST-21 South

Sampling location: ST-21 South

Sampling date: November 07, 2017

Sampling hour: 08:00

Parameter	Result	Method name	Analysis date
Alkalinity	123 mg CaCO ₃ /L	M-TIT-1.0	November 08, 2017
Aluminium (Al)	0.045 mg/L	Sous-traitance\Multilab Direct	November 09, 2017
Dissolved Aluminium (Al)	0.189 mg/L	Sous-traitance\Multilab Direct	November 09, 2017
Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	November 09, 2017
Dissolved Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	November 09, 2017
Arsenic (As)	0.0035 mg/L	Sous-traitance\Multilab Direct	November 09, 2017
Dissolved Arsenic (As)	0.0062 mg/L	Sous-traitance\Multilab Direct	November 09, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	50.3 mg N/L	Sous-traitance\Multilab Direct	November 09, 2017
Barium (Ba)	0.0716 mg/L	Sous-traitance\Multilab Direct	November 09, 2017
Dissolved Barium (Ba)	0.0825 mg/L	Sous-traitance\Multilab Direct	November 09, 2017
Cadmium (Cd)	0.00212 mg/L	Sous-traitance\Multilab Direct	November 09, 2017
Dissolved Cadmium (Cd)	0.00234 mg/L	Sous-traitance\Multilab Direct	November 09, 2017
Chloride	407 mg/L	Sous-traitance\Multilab Direct	November 15, 2017
Chrome (Cr)	0.0011 mg/L	Sous-traitance\Multilab Direct	November 09, 2017
Dissolved Chromium (Cr)	0.0022 mg/L	Sous-traitance\Multilab Direct	November 09, 2017
Copper (Cu)	0.5677 mg/L	Sous-traitance\Multilab Direct	November 09, 2017
Dissolved Copper (Cu)	0.3560 mg/L	Sous-traitance\Multilab Direct	November 09, 2017
Cyanates (CNO)	43.9 mg CNO/L	Sous-traitance\Multilab Direct	November 17, 2017
Cyanide W.A.D.	0.025 mg/L	Sous-traitance\Multilab Direct	November 20, 2017
Total Cyanide (CNT)	0.194 mg/L	Sous-traitance\Multilab Direct	November 20, 2017
Hardness	991 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	November 09, 2017
Iron (Fe)	0.18 mg/L	Sous-traitance\Multilab Direct	November 09, 2017
Dissolved Iron (Fe)	0.04 mg/L	Sous-traitance\Multilab Direct	November 09, 2017
Fluoride (F)	0.45 mg/L	Sous-traitance\Multilab Direct	November 10, 2017
Total Suspended Solids	8 mg/L	M-SOLI-1.0	November 09, 2017
Manganese (Mn)	0.2242 mg/L	Sous-traitance\Multilab Direct	November 09, 2017
Dissolved Manganese (Mn)	0.2732 mg/L	Sous-traitance\Multilab Direct	November 09, 2017
Mercury (Hg)	0.000618 mg/L	Sous-traitance\Multilab Direct	November 09, 2017
Dissolved Mercury (Hg)	0.00054 mg/L	Sous-traitance\Multilab Direct	November 13, 2017
Molybdenum (Mo)	0.5552 mg/L	Sous-traitance\Multilab Direct	November 09, 2017
Dissolved Molybdenum (Mo)	0.7052 mg/L	Sous-traitance\Multilab Direct	November 09, 2017
Ammonia NH ₃ (non-ionized)	1.31 mg N/L	Sous-traitance\Multilab Direct	November 09, 2017
Nickel (Ni)	0.1241 mg/L	Sous-traitance\Multilab Direct	November 09, 2017
Dissolved Nickel (Ni)	0.1387 mg/L	Sous-traitance\Multilab Direct	November 09, 2017
Nitrate (NO ₃)	3.41 mg N/L	Sous-traitance\Multilab Direct	November 10, 2017
Nitrite (NO ₂)	0.23 mg N/L	Sous-traitance\Multilab Direct	November 09, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	November 09, 2017
Dissolved Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	November 09, 2017
Selenium (Se)	0.058 mg/L	Sous-traitance\Multilab Direct	November 09, 2017
Dissolved Selenium (Se)	0.074 mg/L	Sous-traitance\Multilab Direct	November 09, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Analytical Report

Lab number: V-70212

Sample name: ST-21 South

Sampling date: November 07, 2017

Sampling location: ST-21 South

Sampling hour: 08:00

Parameter	Result	Method name	Analysis date
Dissolved Solids	3837 mg/L	Sous-traitance\Multilab Direct	November 09, 2017
Sulfate (SO4)	2343 mg SO4/L	Sous-traitance\Multilab Direct	November 13, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	November 14, 2017
Dissolved thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	November 14, 2017
Thiocyanate (SCN)	43.7 mg SCN/L	Sous-traitance\Multilab Direct	November 15, 2017
Zinc (Zn)	0.001 mg/L	Sous-traitance\Multilab Direct	November 09, 2017
Dissolved Zinc	0.002 mg/L	Sous-traitance\Multilab Direct	November 09, 2017
Selenium IV	0.002 mg/L	Sous-traitance\CEAEQ	November 13, 2017
Selenium VI	0.048 mg/L	Sous-traitance\CEAEQ	November 13, 2017

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Detection limit

Lab number: V-70212

Sample name: ST-21 South

Sampling location: ST-21 South

Sampling date: November 07, 2017

Sampling hour: 08:00

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO ₃ /L	M-TIT-1.0	
Aluminium (Al)	0.003	mg/L	Sous-traitance	
Dissolved Aluminium (Al)	0.003	mg/L	Sous-traitance	
Silver (Ag)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Silver (Ag)	0.0001	mg/L	Sous-traitance	
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Arsenic (As)	0.0005	mg/L	Sous-traitance	
Ammonia nitrogen (NH ₃ -NH ₄)	0.01	mg N/L	Sous-traitance	Yes
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Barium (Ba)	0.0005	mg/L	Sous-traitance	
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Dissolved Cadmium (Cd)	0.00002	mg/L	Sous-traitance	
Chloride	0.5	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Dissolved Chromium (Cr)	0.0006	mg/L	Sous-traitance	
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Copper (Cu)	0.0005	mg/L	Sous-traitance	
Cyanates (CNO)	0.01	mg CNO/L	Sous-traitance	
Cyanide W.A.D.	0.001	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO ₃ /L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes
Dissolved Iron (Fe)	0.01	mg/L	Sous-traitance	
Fluoride (F)	0.01	mg/L	Sous-traitance	Yes
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Manganese (Mn)	0.0003	mg/L	Sous-traitance	
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Dissolved Mercury (Hg)	0.00001	mg/L	Sous-traitance	
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	
Ammonia NH ₃ (non-ionized)	0.01	mg N/L	Sous-traitance	-
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Nickel (Ni)	0.0005	mg/L	Sous-traitance	
Nitrate (NO ₃)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO ₂)	0.01	mg N/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Dissolved Lead (Pb)	0.0003	mg/L	Sous-traitance	
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Dissolved Selenium (Se)	0.001	mg/L	Sous-traitance	

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Detection limit

Lab number: V-70212

Sample name: ST-21 South

Sampling date: November 07, 2017

Sampling location: ST-21 South

Sampling hour: 08:00

Parameter	Value	Unit	Method	Accreditation
Dissolved Solids	1	mg/L	M-TIT-1.0	
Sulfate (SO4)	0.6	mg SO4/L	Sous-traitance	Yes
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Dissolved thallium (Tl)	0.0008	mg/L	Sous-traitance	
Thiocyanate (SCN)	0.05	mg SCN/L	Sous-traitance	Yes
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes
Dissolved Zinc	0.001	mg/L	Sous-traitance	
Selenium IV	0.001	mg/L	Sous-traitance	
Selenium VI	0.001	mg/L	Sous-traitance	

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Quality control Report

Lab number: V-70212

Sample name: ST-21 South

Sampling location: ST-21 South

Sampling date: November 07, 2017

Sampling hour: 08:00

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 143 Accuracy 98.6% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006
	Standard name DMR-0476-2017-22-Eu Result 6.16 Accuracy 98.2% Limit 5.02 - 7.52
Dissolved Aluminium (Al) mg/L	Blank <0.006
	Standard name DMR-0476-2017-22-Eu Result 6.17 Accuracy 98.4% Limit 5.02 - 7.52
Silver (Ag) mg/L	Blank <0.0001
Dissolved Silver (Ag) mg/L	Blank <0.0001
Arsenic (As) mg/L	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu Result 0.3051 Accuracy 92.6% Limit 0.199 - 0.369
Dissolved Arsenic (As) mg/L	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu Result 0.3132 Accuracy 89.7% Limit 0.199 - 0.369
Ammonia nitrogen (NH ₃ -NH ₄) mg N/L	Blank <0.01
	Standard name DMR-0534-2017-NH3 Result 2.19 Accuracy 97.2% Limit 1.81 - 2.45
Barium (Ba) mg/L	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu Result 2.355 Accuracy 96.9% Limit 1.94 - 2.92
Dissolved Barium (Ba) mg/L	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu Result 2.351 Accuracy 96.7%

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Quality control Report

Lab number: V-70212

Sample name: ST-21 South

Sampling location: ST-21 South

Sampling date: November 07, 2017

Sampling hour: 08:00

Parameter	
Cadmium (Cd) mg/L	Limit 1.94 - 2.92
	Blank <0.00002
	Standard name C00-046-705_X_1000
	Result 0.09892
	Accuracy 98.9%
Dissolved Cadmium (Cd) mg/L	Limit 0.0800 - 0.1200
	Blank <0.00002
	Standard name DMR-0476-2017-22-Eu
	Result 0.94172
	Accuracy 95.5%
Chloride mg/L	Limit 0.721 - 1.081
	Blank <0.5
	Standard name DMR-0581-2017-CL
	Result 113
	Accuracy 95.4%
Chrome (Cr) mg/L	Limit 95 - 121
	Blank <0.0006
	Standard name DMR-0476-2017-22-Eu
	Result 3.826
	Accuracy 94.5%
Dissolved Chromium (Cr) mg/L	Limit 3.24 - 4.86
	Blank <0.0006
	Standard name DMR-0476-2017-22-Eu
	Result 4.284
	Accuracy 94.2%
Copper (Cu) mg/L	Limit 3.24 - 4.86
	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu
	Result 1.398
	Accuracy 90.8%
Dissolved Copper (Cu) mg/L	Limit 1.02 - 1.54
	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu
	Result 1.510
	Accuracy 82%
Cyanates (CNO) mg CNO/L	Limit 1.02 - 1.54
	Blank <0.01
	Standard name Controle Maison CNO 250 ppm
	Result 258
	Accuracy 96.8%

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Quality control Report

Lab number: V-70212

Sample name: ST-21 South

Sampling location: ST-21 South

Sampling date: November 07, 2017

Sampling hour: 08:00

Parameter	
Cyanide W.A.D. mg/L	Limit 175 - 325
	Blank <0.001
	Standard name DMR-0417
	Result 0.821
	Accuracy 93%
Total Cyanide (CNT) mg/L	Limit 0.751 - 1.015
	Blank <0.001
	Standard name DMR-0417
	Result 1.09
	Accuracy 92.4%
Iron (Fe) mg/L	Limit 1.00 - 1.36
	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 0.95
	Accuracy 95%
Dissolved Iron (Fe) mg/L	Limit 0.800 - 1.200
	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 0.97
	Accuracy 97%
Fluoride (F) mg/L	Limit 0.800 - 1.200
	Blank <0.02
	Standard name Controle maison 2 ppm F
	Result 2.09
	Accuracy 95.5%
Total Suspended Solids mg/L	Limit 1.85 - 2.15
	Blank <1
	Standard name STD-MES 25mg/L
	Result 26
	Accuracy 96%
Manganese (Mn) mg/L	Limit 19 - 31
	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu
	Result 3.611
	Accuracy 92.6%
Dissolved Manganese (Mn) mg/L	Limit 3.12 - 4.68
	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu
	Result 3.950
	Accuracy 98.7%

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Quality control Report

Lab number: V-70212

Sample name: ST-21 South

Sampling location: ST-21 South

Sampling date: November 07, 2017

Sampling hour: 08:00

Parameter	
Mercury (Hg) mg/L	Limit 3.12 - 4.68
	Blank <0.000010
	Standard name DMR-0564-2016-14HgEu
	Result 0.000470
Accuracy 71.2%	
Dissolved Mercury (Hg) mg/L	Limit 0.00040 - 0.00092
	Blank <0.00001
	Standard name DMR-0266-2017-HgEu
	Result 0.00044
Accuracy 62.9%	
Molybdenum (Mo) mg/L	Limit 0.00042 - 0.00098
	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu
	Result 0.5671
Accuracy 80.1%	
Dissolved Molybdenum (Mo) mg/L	Limit 0.566 - 0.850
	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu
	Result 0.6303
Accuracy 89%	
Ammonia NH3 (non-ionized) mg N/L	Limit 0.566 - 0.850
	Blank <0.01
Nickel (Ni) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1045
	Accuracy 95.5%
Dissolved Nickel (Ni) mg/L	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu
	Result 1.212
Accuracy 93.7%	
Nitrate (NO3) mg N/L	Limit 0.91 - 1.37
	Blank <0.01
Nitrite (NO2) mg N/L	Blank <0.01
	Standard name DMR-0581-2017-NO2
	Result 2.74
	Accuracy 98.9%
Lead (Pb) mg/L	Limit 2.30 - 3.12
	Blank <0.0003
	Standard name DMR-0476-2017-22-Eu

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Quality control Report

Lab number: V-70212

Sample name: ST-21 South

Sampling location: ST-21 South

Sampling date: November 07, 2017

Sampling hour: 08:00

Parameter	
Dissolved Lead (Pb) mg/L	Result 0.9031
	Accuracy 100%
	Limit 0.722 - 1.084
	Blank <0.0003
	Standard name DMR-0476-2017-22-Eu
Selenium (Se) mg/L	Result 0.9989
	Accuracy 89.4%
	Limit 0.722 - 1.084
	Blank <0.001
	Standard name C00-046-705_X_1000
Dissolved Selenium (Se) mg/L	Result 0.106
	Accuracy 94%
	Limit 0.0800 - 0.1200
	Blank <0.001
	Standard name DMR-0476-2017-22-Eu
Sulfate (SO4) mg SO4/L	Result 1.51
	Accuracy 88.1%
	Limit 1.08 - 1.62
	Blank <0.6
	Standard name DMR-0581-2017-SO4
Thallium (Tl) mg/L	Result 123
	Accuracy 100%
	Limit 114 - 132
	Blank <0.0008
	Standard name TI-S140909023-1000ppm
Dissolved thallium (Tl) mg/L	Result 880
	Accuracy 88%
	Limit 800 - 1200
	Blank <0.0008
	Standard name TI-S140909023-1000ppm
Thiocyanate (SCN) mg SCN/L	Result 872
	Accuracy 87.2%
	Limit 800 - 1200
	Blank <0.05
	Standard name STD SCN 568ppm
Zinc (Zn) mg/L	Result 688
	Accuracy 78.9%
	Limit 398 - 738
	Blank <0.001
	Standard name C00-046-705_X_1000

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Additional information

Lab number: V-70212

Sample name: ST-21 South

Sampling location: ST-21 South

Sampling date: November 07, 2017

Sampling hour: 08:00

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-NH3-2.0	MA.300-N 2.0
M-CL-2.0	MA.300-Ions 1.3
M-CI-1.0	MA.300-Anions 1.0
M-CN-1.0	MA.300-CN 1.2
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-SULF-2.0	MA.300-Ions 1.3

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-70415

Sampling location: Vault pit

Sampling date: November 13, 2017

Sample name: ST-23

Sampling hour: 09:00

Sampled by: MT/FL

Date received: November 14, 2017

Matrix: Waste Water

Drinking water distribution:

Reported on: December 05, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Lab number: V-70415

Sample name: ST-23

Sampling location: Vault pit

Sampling date: November 13, 2017

Sampling hour: 09:00

Parameter	Result	Method name	Analysis date
Alkalinity	161 mg CaCO ₃ /L	M-TIT-1.0	November 14, 2017
Aluminium (Al)	0.133 mg/L	Sous-traitance\Multilab Direct	November 16, 2017
Dissolved Aluminium (Al)	0.654 mg/L	Sous-traitance\Multilab Direct	November 16, 2017
Antimony (Sb)	0.0027 mg/L	Sous-traitance\Multilab Direct	November 16, 2017
Dissolved Antimony (Sb)	0.0028 mg/L	Sous-traitance\Multilab Direct	November 16, 2017
Arsenic (As)	0.0143 mg/L	Sous-traitance\Multilab Direct	November 16, 2017
Dissolved Arsenic (As)	0.0121 mg/L	Sous-traitance\Multilab Direct	November 16, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	3.75 mg N/L	Sous-traitance\Multilab Direct	November 16, 2017
Kjeldahl nitrogen	3.09 mg N/L	Sous-traitance\Multilab Direct	November 21, 2017
Barium (Ba)	0.0610 mg/L	Sous-traitance\Multilab Direct	November 16, 2017
Dissolved Barium (Ba)	0.0599 mg/L	Sous-traitance\Multilab Direct	November 16, 2017
Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	November 16, 2017
Dissolved Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	November 16, 2017
bicarbonate (HCO ₃)	161 mg CaCO ₃ /L	M-TIT-1.0	November 14, 2017
Boron (B)	0.04 mg/L	Sous-traitance\Multilab Direct	November 16, 2017
Dissolved Boron (B)	0.14 mg/L	Sous-traitance\Multilab Direct	November 16, 2017
Cadmium (Cd)	0.00005 mg/L	Sous-traitance\Multilab Direct	November 16, 2017
Dissolved Cadmium (Cd)	0.00007 mg/L	Sous-traitance\Multilab Direct	November 16, 2017
Calcium (Ca)	134 mg/L	Sous-traitance\Multilab Direct	November 16, 2017
Carbonate (CO ₃)	<2 mg CaCO ₃ /L	M-TIT-1.0	November 14, 2017
Dissolved Organic Carbon (D.O.C.)	<0.2 mg/L	M-COT-1.0	November 15, 2017
Total Organic Carbon (T.O.C.)	5.6 mg/L	M-COT-1.0	November 15, 2017
Chloride	36.1 mg/L	Sous-traitance\Multilab Direct	November 17, 2017
Chrome (Cr)	0.0006 mg/L	Sous-traitance\Multilab Direct	November 16, 2017
Dissolved Chromium (Cr)	0.0009 mg/L	Sous-traitance\Multilab Direct	November 16, 2017
Copper (Cu)	0.0007 mg/L	Sous-traitance\Multilab Direct	November 16, 2017
Dissolved Copper (Cu)	0.0033 mg/L	Sous-traitance\Multilab Direct	November 16, 2017
Total Cyanide (CNT)	0.021 mg/L	Sous-traitance\Multilab Direct	November 23, 2017
Hardness	461 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	November 16, 2017
Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	November 16, 2017
dissolved Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	November 16, 2017
Iron (Fe)	0.46 mg/L	Sous-traitance\Multilab Direct	November 16, 2017
Iron (Fe)	0.46 mg/L	Sous-traitance\Multilab Direct	November 16, 2017
Dissolved Iron (Fe)	0.07 mg/L	Sous-traitance\Multilab Direct	November 16, 2017
Fluoride (F)	0.21 mg/L	Sous-traitance\Multilab Direct	November 16, 2017
Lithium (Li)	0.026 mg/L	Sous-traitance\Multilab Direct	November 21, 2017
Dissolved Lithium (Li)	0.007 mg/L	Sous-traitance\Multilab Direct	November 21, 2017
Total Suspended Solids	9 mg/L	M-SOLI-1.0	November 15, 2017
Magnesium (Mg)	30.8 mg/L	Sous-traitance\Multilab Direct	November 16, 2017
Manganese (Mn)	0.7399 mg/L	Sous-traitance\Multilab Direct	November 16, 2017

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Analytical Report

Lab number: V-70415

Sample name: ST-23

Sampling location: Vault pit

Sampling date: November 13, 2017

Sampling hour: 09:00

Parameter	Result	Method name	Analysis date
Dissolved Manganese (Mn)	0.7307 mg/L	Sous-traitance\Multilab Direct	November 16, 2017
Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	December 01, 2017
Dissolved Mercury (Hg)	0.00125 mg/L	Sous-traitance\Multilab Direct	November 17, 2017
Molybdenum (Mo)	0.0230 mg/L	Sous-traitance\Multilab Direct	November 16, 2017
Dissolved Molybdenum (Mo)	0.0229 mg/L	Sous-traitance\Multilab Direct	November 16, 2017
Ammonia NH3 (non-ionized)	0.10 mg N/L	Sous-traitance\Multilab Direct	November 16, 2017
Nickel (Ni)	0.0184 mg/L	Sous-traitance\Multilab Direct	November 16, 2017
Dissolved Nickel (Ni)	0.0186 mg/L	Sous-traitance\Multilab Direct	November 16, 2017
Nitrate (NO3)	1.21 mg N/L	Sous-traitance\Multilab Direct	November 16, 2017
Nitrite (NO2)	0.03 mg N/L	Sous-traitance\Multilab Direct	November 15, 2017
Ortho-Phosphate (O-PO4)	0.01 mg P/L	Sous-traitance\Multilab Direct	November 16, 2017
Total Phosphorus (P)	0.03 mg P/L	Sous-traitance\Multilab Direct	November 21, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	November 16, 2017
Dissolved Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	November 16, 2017
Potassium (K)	4.34 mg/L	Sous-traitance\Multilab Direct	November 16, 2017
Selenium (Se)	0.002 mg/L	Sous-traitance\Multilab Direct	November 16, 2017
Dissolved Selenium (Se)	0.002 mg/L	Sous-traitance\Multilab Direct	November 16, 2017
Silica (Si)	13.3 mg/L	Sous-traitance\Multilab Direct	November 16, 2017
Sodium (Na)	16.2 mg/L	Sous-traitance\Multilab Direct	November 16, 2017
Dissolved Solids	670 mg/L	M-TIT-1.0	November 14, 2017
Strontium (Sr)	1.06 mg/L	Sous-traitance\Multilab Direct	November 21, 2017
dissolved Strontium (Sr)	1.02 mg/L	Sous-traitance\Multilab Direct	November 21, 2017
Sulfate (SO4)	339 mg SO4/L	Sous-traitance\Multilab Direct	November 15, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	November 21, 2017
Dissolved thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	November 21, 2017
Titanium (Ti)	0.14 mg/L	Sous-traitance\Multilab Direct	November 16, 2017
Dissolved titanium (Ti)	0.14 mg/L	Sous-traitance\Multilab Direct	November 16, 2017
Uranium (U)	0.008 mg/L	Sous-traitance\Multilab Direct	November 16, 2017
Dissolved Uranium (U)	0.008 mg/L	Sous-traitance\Multilab Direct	November 16, 2017
Vanadium (V)	0.0006 mg/L	Sous-traitance\Multilab Direct	November 16, 2017
Dissolved Vanadium	<0.0005 mg/L	Sous-traitance\Multilab Direct	November 16, 2017
Zinc (Zn)	0.002 mg/L	Sous-traitance\Multilab Direct	November 16, 2017
Dissolved Zinc	0.002 mg/L	Sous-traitance\Multilab Direct	November 16, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

This report shall not be reproduced except in full without the written authority of the laboratory.



Detection limit

Lab number: V-70415

Sample name: ST-23

Sampling date: November 13, 2017

Sampling location: Vault pit

Sampling hour: 09:00

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO ₃ /L	M-TIT-1.0	
Aluminium (Al)	0.003	mg/L	Sous-traitance	
Dissolved Aluminium (Al)	0.003	mg/L	Sous-traitance	
Antimony (Sb)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Antimony (Sb)	0.0001	mg/L	Sous-traitance	
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Arsenic (As)	0.0005	mg/L	Sous-traitance	
Ammonia nitrogen (NH ₃ -NH ₄)	0.01	mg N/L	Sous-traitance	Yes
Kjeldahl nitrogen	0.05	mg N/L	Sous-traitance	Yes
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Barium (Ba)	0.0005	mg/L	Sous-traitance	
Beryllium (Be)	0.0005	mg/L	Sous-traitance	
Dissolved Beryllium (Be)	0.0005	mg/L	Sous-traitance	
bicarbonate (HCO ₃)	2	mg CaCO ₃ /L	M-TIT-1.0	
Boron (B)	0.01	mg/L	Sous-traitance	Yes
Dissolved Boron (B)	0.006	mg/L	Sous-traitance	
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Dissolved Cadmium (Cd)	0.00002	mg/L	Sous-traitance	
Calcium (Ca)	0.03	mg/L	Sous-traitance	Yes
Carbonate (CO ₃)	2	mg CaCO ₃ /L	M-TIT-1.0	
Dissolved Organic Carbon (D.O.C.)	0.2	mg/L	M-COT-1.0	--
Total Organic Carbon (T.O.C.)	0.2	mg/L	M-COT-1.0	Yes
Chloride	0.5	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Dissolved Chromium (Cr)	0.0006	mg/L	Sous-traitance	
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Copper (Cu)	0.0005	mg/L	Sous-traitance	
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO ₃ /L	Sous-traitance	
Tin (Sn)	0.001	mg/L	Sous-traitance	Yes
dissolved Tin (Sn)	0.001	mg/L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes
Dissolved Iron (Fe)	0.01	mg/L	Sous-traitance	
Fluoride (F)	0.01	mg/L	Sous-traitance	Yes
Lithium (Li)	0.005	mg/L	Sous-traitance	
Dissolved Lithium (Li)	0.005	mg/L	Sous-traitance	
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Magnesium (Mg)	0.02	mg/L	Sous-traitance	Yes
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes

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Detection limit

Lab number: V-70415

Sample name: ST-23

Sampling date: November 13, 2017

Sampling location: Vault pit

Sampling hour: 09:00

Parameter	Value	Unit	Method	Accreditation
Dissolved Manganese (Mn)	0.0003	mg/L	Sous-traitance	
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Dissolved Mercury (Hg)	0.00001	mg/L	Sous-traitance	
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	
Ammonia NH3 (non-ionized)	0.01	mg N/L	Sous-traitance	-
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Nickel (Ni)	0.0005	mg/L	Sous-traitance	
Nitrate (NO3)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO2)	0.01	mg N/L	Sous-traitance	Yes
Ortho-Phosphate (O-PO4)	0.01	mg P/L	Sous-traitance	Yes
Total Phosphorus (P)	0.01	mg P/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Dissolved Lead (Pb)	0.0003	mg/L	Sous-traitance	
Potassium (K)	0.05	mg/L	Sous-traitance	
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Dissolved Selenium (Se)	0.001	mg/L	Sous-traitance	
Silica (Si)	0.01	mg/L	Sous-traitance	
Sodium (Na)	0.05	mg/L	Sous-traitance	Yes
Dissolved Solids	1	mg/L	M-TIT-1.0	
Strontium (Sr)	0.005	mg/L	Sous-traitance	
dissolved Strontium (Sr)	0.005	mg/L	Sous-traitance	
Sulfate (SO4)	0.6	mg SO4/L	Sous-traitance	Yes
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Dissolved thallium (Tl)	0.0008	mg/L	Sous-traitance	
Titanium (Ti)	0.01	mg/L	Sous-traitance	
Dissolved titanium (Ti)	0.01	mg/L	Sous-traitance	
Uranium (U)	0.001	mg/L	Sous-traitance	
Dissolved Uranium (U)	0.001	mg/L	Sous-traitance	
Vanadium (V)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Vanadium	0.0005	mg/L	Sous-traitance	
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes
Dissolved Zinc	0.001	mg/L	Sous-traitance	

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Quality control Report

Lab number: V-70415

Sample name: ST-23

Sampling location: Vault pit

Sampling date: November 13, 2017

Sampling hour: 09:00

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 147 Accuracy 98.6% Limit 123 - 167
Dissolved Aluminium (Al) mg/L	Blank <0.006 Standard name C00-046-705_X_1000 Result 0.966 Accuracy 96.6% Limit 0.800 - 1.200
Dissolved Antimony (Sb) mg/L	Blank <0.0001 Standard name C00-046-705_X_1000 Result 0.0099 Accuracy 99% Limit 0.0080 - 0.0120
Dissolved Arsenic (As) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0960 Accuracy 96% Limit 0.0800 - 0.1200
Ammonia nitrogen (NH ₃ -NH ₄) m	Blank <0.01 Standard name DMR-0581-2017-NH ₃ Result 2.40 Accuracy 87.3% Limit 1.81 - 2.45
Kjeldahl nitrogen mg N/L	Blank <0.05 Standard name DMR-0581-2017-NTK Result 5.29 Accuracy 93.3% Limit 4.82 - 6.52
Dissolved Barium (Ba) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1040 Accuracy 96% Limit 0.0800 - 0.1200
Dissolved Beryllium (Be) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0993 Accuracy 99.3% Limit 0.0800 - 0.1200
Boron (B) mg/L	Blank <0.01

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Quality control Report

Lab number: V-70415

Sample name: ST-23

Sampling location: Vault pit

Sampling date: November 13, 2017

Sampling hour: 09:00

Parameter	
	Standard name C00-046-705_X_1000
	Result 0.97
	Accuracy 97%
	Limit 0.800 - 1.200
Dissolved Boron (B) mg/L	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 0.98
	Accuracy 98%
	Limit 0.800 - 1.200
Dissolved Cadmium (Cd) mg/L	Blank <0.00002
	Standard name C00-046-705_X_1000
	Result 0.09674
	Accuracy 96.7%
	Limit 0.0800 - 0.1200
Dissolved Organic Carbon (D.O.C.) mg/L	Blank <0.2
	Standard name COD 10mg/L
	Result 11
	Accuracy 90%
	Limit 8 - 12
Total Organic Carbon (T.O.C.) mg/L	Blank <0.2
	Standard name COT 10mg/L
	Result 11
	Accuracy 90%
	Limit 8 - 12
Chloride mg/L	Blank <0.5
	Standard name DMR-0581-2017-CL
	Result 113
	Accuracy 95.4%
	Limit 95 - 121
Dissolved Chromium (Cr) mg/L	Blank <0.0006
	Standard name C00-046-705_X_1000
	Result 0.0995
	Accuracy 99.5%
	Limit 0.0800 - 0.1200
Copper (Cu) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1066
	Accuracy 93.4%
	Limit 0.0800 - 0.1200
Dissolved Copper (Cu) mg/L	Blank <0.0005

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Quality control Report

Lab number: V-70415

Sample name: ST-23

Sampling location: Vault pit

Sampling date: November 13, 2017

Sampling hour: 09:00

Parameter	
	Standard name C00-046-705_X_1000
	Result 0.1063
	Accuracy 93.7%
	Limit 0.0800 - 0.1200
Total Cyanide (CNT) mg/L	Blank <0.001
	Standard name DMR-0417
	Result 1.21
	Accuracy 97.5%
	Limit 1.00 - 1.36
dissolved Tin (Sn) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.104
	Accuracy 96%
	Limit 0.0700 - 0.1300
Iron (Fe) mg/L	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.08
	Accuracy 92%
	Limit 0.800 - 1.200
Dissolved Iron (Fe) mg/L	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.08
	Accuracy 92%
	Limit 0.800 - 1.200
Fluoride (F) mg/L	Blank <0.02
	Standard name Controle maison 2 ppm F
	Result 2.14
	Accuracy 93%
	Limit 1.85 - 2.15
Lithium (Li) mg/L	Blank <0.005
	Standard name DMR-0476-2017-22-Eu
	Result 0.722
	Accuracy 85.3%
	Limit 0.677 - 1.015
Dissolved Lithium (Li) mg/L	Blank <0.005
	Standard name DMR-0476-2017-22-Eu
	Result 0.686
	Accuracy 81.1%
	Limit 0.677 - 1.015
Total Suspended Solids mg/L	Blank <1

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Quality control Report

Lab number: V-70415

Sample name: ST-23

Sampling location: Vault pit

Sampling date: November 13, 2017

Sampling hour: 09:00

Parameter

Standard name STD-MES 25mg/L

Result 27

Accuracy 92%

Limit 19 - 31

Sample duplicate 9-9

Dissolved Manganese (Mn) mg/L

Blank <0.0005

Standard name C00-046-705_X_1000

Result 0.1006

Accuracy 99.4%

Limit 0.0800 - 0.1200

Mercury (Hg) mg/L

Blank <0.00001

Standard name DMR-0581-2017-Eu

Result 0.00104

Accuracy 80%

Limit 0.0008 - 0.0018

Dissolved Mercury (Hg) mg/L

Blank <0.00001

Standard name DMR-0581-2017-Eu

Result 0.00082

Accuracy 63.1%

Limit 0.0008 - 0.0018

Dissolved Molybdenum (Mo) mg/

Blank <0.0005

Standard name C00-046-705_X_1000

Result 0.0942

Accuracy 94.2%

Limit 0.0800 - 0.1200

Ammonia NH3 (non-ionized) mg

Blank <0.01

Standard name C00-046-705_X_1000

Result 0.104

Accuracy 96%

Limit 0.0800 - 0.1200

Dissolved Nickel (Ni) mg/L

Blank <0.0005

Standard name C00-046-705_X_1000

Result 0.1019

Accuracy 98.1%

Limit 0.0800 - 0.1200

Nitrate (NO3) mg N/L

Blank <0.01

Nitrite (NO2) mg N/L

Blank <0.01

Standard name DMR-0581-2017-NO2

Result 3.00

Accuracy 89.3%

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Quality control Report

Lab number: V-70415

Sample name: ST-23

Sampling location: Vault pit

Sampling date: November 13, 2017

Sampling hour: 09:00

Parameter		
Ortho-Phosphate (O-PO4) mg P/	Limit 2.30 - 3.12	
	Blank <0.01	
	Standard name DMR-0581-2017-OPO4	
	Result 5.53	
	Accuracy 99.3%	
Total Phosphorus (P) mg P/L	Limit 4.83 - 6.15	
	Blank <0.01	
	Standard name DMR-0581-2017-Ptotal	
	Result 1.22	
	Accuracy 93%	
Dissolved Lead (Pb) mg/L	Limit 1.00 - 1.28	
	Blank <0.0003	
	Standard name C00-046-705_X_1000	
	Result 0.0982	
	Accuracy 98.2%	
Dissolved Selenium (Se) mg/L	Limit 0.0800 - 0.1200	
	Blank <0.001	
	Standard name C00-046-705_X_1000	
	Result 0.095	
	Accuracy 95%	
Silica (Si) mg/L	Limit 0.0800 - 0.1200	
	Blank <0.01	
	Strontium (Sr) mg/L	Blank <0.005
		Standard name DMR-0476-2017-22-Eu
		Result 1.08
Accuracy 87.8%		
dissolved Strontium (Sr) mg/L	Limit 0.98 - 1.48	
	Blank <0.005	
	Standard name DMR-0476-2017-22-Eu	
	Result 1.08	
	Accuracy 87.8%	
Thallium (Tl) mg/L	Limit 0.98 - 1.48	
	Blank <0.0008	
	Standard name Tl-S140909023-1000ppm	
	Result 835	
	Accuracy 83.5%	
Dissolved thallium (Tl) mg/L	Limit 800 - 1200	
	Blank <0.0008	
	Standard name Tl-S140909023-1000ppm	
	Result 851	

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Additional information

Lab number: V-70415
Sample name: ST-23
Sampling location: Vault pit

Sampling date: November 13, 2017
Sampling hour: 09:00

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-NH3-2.0	MA.300-N 2.0
M-CL-2.0	MA.300-Ions 1.3
M-CN-1.0	MA.300-CN 1.2
M-CI-1.0	MA.300-Anions 1.0
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-P-2.0	MA.303-P 1.1
M-P-3.0	MA. 315-P 2.0
M-SULF-2.0	MA.300-Ions 1.3

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-70691

Sampling location: East dike N 65 01 11.2/W 96 02 32.0

Sampling date: November 19, 2017

Sample name: ST-EEM-3a

Sampling hour: 15:30

Sampled by: TT/FL

Date received: November 21, 2017

Matrix: Waste Water

Reported on: December 04, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Lab number: V-70691

Sample name: ST-EEM-3a

Sampling date: November 19, 2017

Sampling location: East dike N 65 01 11.2/W 96 02 32.0

Sampling hour: 15:30

Parameter	Result	Method name	Analysis date
Alkalinity	26 mg CaCO3/L	M-TIT-1.0	November 21, 2017
Aluminium (Al)	0.050 mg/L	Sous-traitance\Multilab Direct	November 29, 2017
Ammonia nitrogen (NH3-NH4)	0.02 mg N/L	Sous-traitance\Multilab Direct	November 24, 2017
Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	November 29, 2017
Hardness	25 mg CaCO3/L	Sous-traitance\Multilab Direct	November 29, 2017
Iron (Fe)	0.06 mg/L	Sous-traitance\Multilab Direct	November 29, 2017
Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	December 01, 2017
Molybdenum (Mo)	<0.0005 mg/L	Sous-traitance\Multilab Direct	November 29, 2017
Ammonia NH3 (non-ionized)	<0.01 mg N/L	Sous-traitance\Multilab Direct	November 24, 2017
Nitrate (NO3)	0.05 mg N/L	Sous-traitance\Multilab Direct	November 23, 2017
Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	November 29, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Detection limit

Lab number: V-70691

Sample name: ST-EEM-3a

Sampling date: November 19, 2017

Sampling location: East dike N 65 01 11.2/W 96 02 32.0

Sampling hour: 15:30

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO3/L	M-TIT-1.0	
Aluminium (Al)	0.003	mg/L	Sous-traitance	
Ammonia nitrogen (NH3-NH4)	0.01	mg N/L	Sous-traitance	Yes
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO3/L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Ammonia NH3 (non-ionized)	0.01	mg N/L	Sous-traitance	-
Nitrate (NO3)	0.01	mg N/L	Sous-traitance	Yes
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes

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Quality control Report

Lab number: V-70691

Sample name: ST-EEM-3a

Sampling date: November 19, 2017

Sampling location: East dike N 65 01 11.2/W 96 02 32.0

Sampling hour: 15:30

Parameter	
Alkalinity mg CaCO3/L	Standard name STD alcalinité Result 147 Accuracy 98.6% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006 Standard name DMR-0476-2017-22-Eu Result 5.65 Accuracy 90.1% Limit 5.02 - 7.52
Ammonia nitrogen (NH3-NH4) mg N/L	Blank <0.01 Standard name DMR-0581-2017-NH3 Result 2.00 Accuracy 93.9% Limit 1.81 - 2.45
Cadmium (Cd) mg/L	Blank <0.00002 Standard name DMR-0476-2017-22-Eu Result 0.87063 Accuracy 96.6% Limit 0.721 - 1.081
Iron (Fe) mg/L	Blank <0.01 Standard name DMR-0476-2017-22-Eu Result 11.8 Accuracy 96.5% Limit 9.1 - 13.7
Mercury (Hg) mg/L	Blank <0.00001 Standard name DMR-0581-2017-Eu Result 0.00105 Accuracy 80.8% Limit 0.0008 - 0.0018
Molybdenum (Mo) mg/L	Blank <0.0005 Standard name DMR-0476-2017-22-Eu Result 0.6056 Accuracy 85.5% Limit 0.566 - 0.850
Ammonia NH3 (non-ionized) mg N/L	Blank <0.01
Nitrate (NO3) mg N/L	Blank <0.01
Selenium (Se) mg/L	Blank <0.001 Standard name DMR-0476-2017-22-Eu Result 1.39 Accuracy 97%

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Additional information

Lab number: V-70691

Sample name: ST-EEM-3a

Sampling date: November 19, 2017

Sampling location: East dike N 65 01 11.2/W 96 02 32.0

Sampling hour: 15:30

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-NH3-2.0	MA.300-N 2.0
M-NITR-2.0	MA.300-NO3 2.0

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-70690

Sampling location: SPL N 65 01 10.81/W 96 02 22.64

Sampling date: November 19, 2017

Sample name: ST-EEM-3c-SP

Sampling hour: 11:20

Sampled by: TT/FL

Date received: November 21, 2017

Matrix: Waste Water

Drinking water distribution: **N 65 01 10.81/W 96 02 22.64**

Reported on: December 04, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Lab number: V-70690

Sample name: ST-EEM-3c-SP

Sampling date: November 19, 2017

Sampling location: SPL N 65 01 10.81/W 96 02 22.64

Sampling hour: 11:20

Parameter	Result	Method name	Analysis date
Alkalinity	13 mg CaCO ₃ /L	M-TIT-1.0	November 21, 2017
Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	November 29, 2017
Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	November 29, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	0.02 mg N/L	Sous-traitance\Multilab Direct	November 24, 2017
Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	November 29, 2017
Copper (Cu)	0.0007 mg/L	Sous-traitance\Multilab Direct	November 29, 2017
Total Cyanide (CNT)	<0.001 mg/L	Sous-traitance\Multilab Direct	November 27, 2017
Hardness	13 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	November 29, 2017
Iron (Fe)	0.01 mg/L	Sous-traitance\Multilab Direct	November 29, 2017
Total Suspended Solids	2 mg/L	M-SOLI-1.0	November 22, 2017
Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	December 01, 2017
Molybdenum (Mo)	<0.0005 mg/L	Sous-traitance\Multilab Direct	November 29, 2017
Ammonia NH ₃ (non-ionized)	<0.01 mg N/L	Sous-traitance\Multilab Direct	November 24, 2017
Nickel (Ni)	<0.0005 mg/L	Sous-traitance\Multilab Direct	November 29, 2017
Nitrate (NO ₃)	<0.01 mg N/L	Sous-traitance\Multilab Direct	November 23, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	November 29, 2017
Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	November 29, 2017
Zinc (Zn)	<0.001 mg/L	Sous-traitance\Multilab Direct	November 29, 2017

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Detection limit

Lab number: V-70690

Sample name: ST-EEM-3c-SP

Sampling date: November 19, 2017

Sampling location: SPL N 65 01 10.81/W 96 02 22.64

Sampling hour: 11:20

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO ₃ /L	M-TIT-1.0	
Aluminium (Al)	0.003	mg/L	Sous-traitance	
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Ammonia nitrogen (NH ₃ -NH ₄)	0.01	mg N/L	Sous-traitance	Yes
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO ₃ /L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Ammonia NH ₃ (non-ionized)	0.01	mg N/L	Sous-traitance	-
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Nitrate (NO ₃)	0.01	mg N/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
This report shall not be reproduced except in full without the written authority of the laboratory.



Quality control Report

Lab number: V-70690

Sample name: ST-EEM-3c-SP

Sampling date: November 19, 2017

Sampling location: SPL N 65 01 10.81/W 96 02 22.64

Sampling hour: 11:20

Parameter	
Alkalinity mg CaCO3/L	Standard name STD alcalinité Result 147 Accuracy 98.6% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006 Standard name DMR-0476-2017-22-Eu Result 5.65 Accuracy 90.1% Limit 5.02 - 7.52
Arsenic (As) mg/L	Blank <0.0005 Standard name DMR-0476-2017-22-Eu Result 0.3002 Accuracy 94.3% Limit 0.199 - 0.369
Ammonia nitrogen (NH3-NH4) mg N/L	Blank <0.01 Standard name DMR-0581-2017-NH3 Result 2.00 Accuracy 93.9% Limit 1.81 - 2.45
Cadmium (Cd) mg/L	Blank <0.00002 Standard name DMR-0476-2017-22-Eu Result 0.87063 Accuracy 96.6% Limit 0.721 - 1.081
Copper (Cu) mg/L	Blank <0.0005 Standard name DMR-0476-2017-22-Eu Result 1.469 Accuracy 85.2% Limit 1.02 - 1.54
Total Cyanide (CNt) mg/L	Blank <0.001 Standard name DMR-0417 Result 1.03 Accuracy 87.3% Limit 1.00 - 1.36
Iron (Fe) mg/L	Blank <0.01 Standard name DMR-0476-2017-22-Eu Result 11.8 Accuracy 96.5% Limit 9.1 - 13.7
Total Suspended Solids mg/L	Blank <1

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Quality control Report

Lab number: V-70690

Sample name: ST-EEM-3c-SP

Sampling date: November 19, 2017

Sampling location: SPL N 65 01 10.81/W 96 02 22.64

Sampling hour: 11:20

Parameter	
	Standard name STD-MES 25mg/L
	Result 22
	Accuracy 88%
	Limit 19 - 31
Mercury (Hg) mg/L	Blank <0.00001
	Standard name DMR-0581-2017-Eu
	Result 0.00105
	Accuracy 80.8%
	Limit 0.0008 - 0.0018
Molybdenum (Mo) mg/L	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu
	Result 0.6056
	Accuracy 85.5%
	Limit 0.566 - 0.850
Ammonia NH3 (non-ionized) mg N/L	Blank <0.01
Nickel (Ni) mg/L	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu
	Result 1.163
	Accuracy 98%
	Limit 0.91 - 1.37
Nitrate (NO3) mg N/L	Blank <0.01
Lead (Pb) mg/L	Blank <0.0003
	Standard name DMR-0476-2017-22-Eu
	Result 0.9458
	Accuracy 95.3%
	Limit 0.722 - 1.084
Selenium (Se) mg/L	Blank <0.001
	Standard name DMR-0476-2017-22-Eu
	Result 1.39
	Accuracy 97%
	Limit 1.08 - 1.62
Zinc (Zn) mg/L	Blank <0.001
	Standard name DMR-0476-2017-22-Eu
	Result 4.60
	Accuracy 99.1%
	Limit 3.65 - 5.47

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Additional information

Lab number: V-70690

Sample name: ST-EEM-3c-SP

Sampling location: SPL N 65 01 10.81/W 96 02 22.64

Sampling date: November 19, 2017

Sampling hour: 11:20

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-NH3-2.0	MA.300-N 2.0
M-CN-1.0	MA.300-CN 1.2
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-70689

Sampling location: TPS N655810.9/ W960951.37

Sampling date: November 19, 2017

Sample name: ST-EEM-3c-TPS

Sampling hour: 10:30

Sampled by: TT/FL

Date received: November 21, 2017

Matrix: Waste Water

Reported on: December 04, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
This report shall not be reproduced except in full without the written authority of the laboratory.



Analytical Report

Lab number: V-70689

Sample name: ST-EEM-3c-TPS

Sampling date: November 19, 2017

Sampling location: TPS N655810.9/ W960951.37

Sampling hour: 10:30

Parameter	Result	Method name	Analysis date
Alkalinity	9 mg CaCO3/L	M-TIT-1.0	November 21, 2017
Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	November 29, 2017
Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	November 29, 2017
Ammonia nitrogen (NH3-NH4)	0.03 mg N/L	Sous-traitance\Multilab Direct	November 24, 2017
Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	November 29, 2017
Copper (Cu)	0.0005 mg/L	Sous-traitance\Multilab Direct	November 29, 2017
Total Cyanide (CNT)	<0.001 mg/L	Sous-traitance\Multilab Direct	November 27, 2017
Hardness	9 mg CaCO3/L	Sous-traitance\Multilab Direct	November 29, 2017
Iron (Fe)	<0.01 mg/L	Sous-traitance\Multilab Direct	November 29, 2017
Total Suspended Solids	<1 mg/L	M-SOLI-1.0	November 22, 2017
Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	December 01, 2017
Molybdenum (Mo)	<0.0005 mg/L	Sous-traitance\Multilab Direct	November 29, 2017
Ammonia NH3 (non-ionized)	<0.01 mg N/L	Sous-traitance\Multilab Direct	November 24, 2017
Nickel (Ni)	<0.0005 mg/L	Sous-traitance\Multilab Direct	November 29, 2017
Nitrate (NO3)	0.01 mg N/L	Sous-traitance\Multilab Direct	November 23, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	November 29, 2017
Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	November 29, 2017
Zinc (Zn)	<0.001 mg/L	Sous-traitance\Multilab Direct	November 29, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

This report shall not be reproduced except in full without the written authority of the laboratory.



Detection limit

Lab number: V-70689

Sample name: ST-EEM-3c-TPS

Sampling date: November 19, 2017

Sampling location: TPS N655810.9/ W960951.37

Sampling hour: 10:30

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO3/L	M-TIT-1.0	
Aluminium (Al)	0.003	mg/L	Sous-traitance	
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Ammonia nitrogen (NH3-NH4)	0.01	mg N/L	Sous-traitance	Yes
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO3/L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Ammonia NH3 (non-ionized)	0.01	mg N/L	Sous-traitance	-
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Nitrate (NO3)	0.01	mg N/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
This report shall not be reproduced except in full without the written authority of the laboratory.



Quality control Report

Lab number: V-70689

Sample name: ST-EEM-3c-TPS

Sampling date: November 19, 2017

Sampling location: TPS N655810.9/ W960951.37

Sampling hour: 10:30

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 147 Accuracy 98.6% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006 Standard name DMR-0476-2017-22-Eu Result 5.65 Accuracy 90.1% Limit 5.02 - 7.52
Arsenic (As) mg/L	Blank <0.0005 Standard name DMR-0476-2017-22-Eu Result 0.3002 Accuracy 94.3% Limit 0.199 - 0.369
Ammonia nitrogen (NH ₃ -NH ₄) mg N/L	Blank <0.01 Standard name DMR-0581-2017-NH3 Result 2.00 Accuracy 93.9% Limit 1.81 - 2.45 Sample duplicate 0.03-0.03
Cadmium (Cd) mg/L	Blank <0.00002 Standard name DMR-0476-2017-22-Eu Result 0.87063 Accuracy 96.6% Limit 0.721 - 1.081
Copper (Cu) mg/L	Blank <0.0005 Standard name DMR-0476-2017-22-Eu Result 1.469 Accuracy 85.2% Limit 1.02 - 1.54
Total Cyanide (CNT) mg/L	Blank <0.001 Standard name DMR-0417 Result 1.03 Accuracy 87.3% Limit 1.00 - 1.36
Iron (Fe) mg/L	Blank <0.01 Standard name DMR-0476-2017-22-Eu Result 11.8 Accuracy 96.5% Limit 9.1 - 13.7

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Quality control Report

Lab number: V-70689

Sample name: ST-EEM-3c-TPS

Sampling date: November 19, 2017

Sampling location: TPS N655810.9/ W960951.37

Sampling hour: 10:30

Parameter

Total Suspended Solids mg/L Blank <1
Standard name STD-MES 25mg/L
Result 22
Accuracy 88%
Limit 19 - 31

Mercury (Hg) mg/L Blank <0.00001
Standard name DMR-0581-2017-Eu
Result 0.00105
Accuracy 80.8%
Limit 0.0008 - 0.0018

Molybdenum (Mo) mg/L Blank <0.0005
Standard name DMR-0476-2017-22-Eu
Result 0.6056
Accuracy 85.5%
Limit 0.566 - 0.850

Ammonia NH3 (non-ionized) mg N/L Blank <0.01
Sample duplicate <0.01-<0.01

Nickel (Ni) mg/L Blank <0.0005
Standard name DMR-0476-2017-22-Eu
Result 1.163
Accuracy 98%
Limit 0.91 - 1.37

Nitrate (NO3) mg N/L Blank <0.01
Lead (Pb) mg/L Blank <0.0003

Standard name DMR-0476-2017-22-Eu
Result 0.9458
Accuracy 95.3%
Limit 0.722 - 1.084

Selenium (Se) mg/L Blank <0.001
Standard name DMR-0476-2017-22-Eu
Result 1.39
Accuracy 97%
Limit 1.08 - 1.62

Zinc (Zn) mg/L Blank <0.001
Standard name DMR-0476-2017-22-Eu
Result 4.60
Accuracy 99.1%
Limit 3.65 - 5.47

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Additional information

Lab number: V-70689

Sample name: ST-EEM-3c-TPS

Sampling location: TPS N655810.9/ W960951.37

Sampling date: November 19, 2017

Sampling hour: 10:30

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-NH3-2.0	MA.300-N 2.0
M-CN-1.0	MA.300-CN 1.2
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-70692

Sampling location: ST-8/ST-MMER-3a Weekly 65°01'11.2"N96°

Sampling date: November 20, 2017

Sample name: ST-8/ST-MMER-3a Weekly

Sampling hour: 08:30

Sampled by: FL

Date received: November 21, 2017

Matrix: Water

Drinking water distribution: **N 65 01 11.2/W96 02 32.0**

Reported on: November 22, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Lab number: V-70692

Sample name: ST-8/ST-MMER-3a Weekly

Sampling date: November 20, 2017

Sampling location: ST-8/ST-MMER-3a Weekly 65°01'11.2"N96°

Sampling hour: 08:30

Parameter	Result	Method name	Analysis date
Total Suspended Solids	8 mg/L	M-SOLI-1.0	November 22, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

This report shall not be reproduced except in full without the written authority of the laboratory.



Detection limit

Lab number: V-70692

Sample name: ST-8/ST-MMER-3a Weekly

Sampling date: November 20, 2017

Sampling location: ST-8/ST-MMER-3a Weekly 65°01'11.2"N96°

Sampling hour: 08:30

Parameter	Value	Unit	Method	Accreditation
Total Suspended Solids		1 mg/L	M-SOLI-1.0	Yes

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Additional information

Lab number: V-70692

Sample name: ST-8/ST-MMER-3a Weekly

Sampling date: November 20, 2017

Sampling location: ST-8/ST-MMER-3a Weekly 65°01'11.2"N96°

Sampling hour: 08:30

Lab method	Method reference
M-SOLI-1.0	MA.104-S.S. 1.1

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-70908

Sampling location: ST-8/ST-MMER-3a65°01'11.2"N96°02'32.0"W

Sampling date: November 27, 2017

Sample name: ST-8/ST-MMER-3a

Sampling hour: 08:15

Sampled by: TT/JK

Date received: November 28, 2017

Matrix: Water

Reported on: November 29, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Lab number: V-70908

Sample name: ST-8/ST-MMER-3a

Sampling date: November 27, 2017

Sampling location: ST-8/ST-MMER-3a65°01'11.2"N96°02'32.0"W

Sampling hour: 08:15

Parameter	Result	Method name	Analysis date
Total Suspended Solids	5 mg/L	M-SOLI-1.0	November 29, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Detection limit

Lab number: V-70908

Sample name: ST-8/ST-MMER-3a

Sampling date: November 27, 2017

Sampling location: ST-8/ST-MMER-3a65°01'11.2"N96°02'32.0"W

Sampling hour: 08:15

Parameter	Value	Unit	Method	Accreditation
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

This report shall not be reproduced except in full without the written authority of the laboratory.



Additional information

Lab number: V-70908

Sample name: ST-8/ST-MMER-3a

Sampling date: November 27, 2017

Sampling location: ST-8/ST-MMER-3a65°01'11.2"N96°02'32.0"W

Sampling hour: 08:15

Lab method	Method reference
M-SOLI-1.0	MA.104-S.S. 1.1

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-70909

Sampling location: ST-8/ST-MMER-3a 650111.2 N960232.0W

Sampling date: November 27, 2017

Sample name: ST-8/ST-MMER-3a DUP

Sampling hour: 08:15

Sampled by: TT/JK

Date received: November 28, 2017

Matrix: Water

Reported on: November 29, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
This report shall not be reproduced except in full without the written authority of the laboratory.



Analytical Report

Lab number: V-70909

Sample name: ST-8/ST-MMER-3a DUP

Sampling date: November 27, 2017

Sampling location: ST-8/ST-MMER-3a 650111.2 N960232.0W

Sampling hour: 08:15

Parameter	Result	Method name	Analysis date
Total Suspended Solids	4 mg/L	M-SOLI-1.0	November 29, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

This report shall not be reproduced except in full without the written authority of the laboratory.



Detection limit

Lab number: V-70909

Sample name: ST-8/ST-MMER-3a DUP

Sampling date: November 27, 2017

Sampling location: ST-8/ST-MMER-3a 650111.2 N960232.0W

Sampling hour: 08:15

Parameter	Value	Unit	Method	Accreditation
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

This report shall not be reproduced except in full without the written authority of the laboratory.



Additional information

Lab number: V-70909

Sample name: ST-8/ST-MMER-3a DUP

Sampling date: November 27, 2017

Sampling location: ST-8/ST-MMER-3a 650111.2 N960232.0W

Sampling hour: 08:15

Lab method	Method reference
M-SOLI-1.0	MA.104-S.S. 1.1

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

This report shall not be reproduced except in full without the written authority of the laboratory.



Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-71051

Sampling location: ST-17

Sampling date: December 03, 2017

Sample name: ST-17 DUP

Sampling hour: 10:00

Sampled by: JK

Date received: December 05, 2017

Matrix: Water

Drinking water distribution:

Reported on: December 11, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
This report shall not be reproduced except in full without the written authority of the laboratory.



Analytical Report

Lab number: V-71051

Sample name: ST-17 DUP

Sampling location: ST-17

Sampling date: December 03, 2017

Sampling hour: 10:00

Parameter	Result	Method name	Analysis date
Alkalinity	91 mg CaCO ₃ /L	M-TIT-1.0	December 05, 2017
Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	December 08, 2017
Dissolved Aluminium (Al)	0.008 mg/L	Sous-traitance\Multilab Direct	December 08, 2017
Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	December 08, 2017
Dissolved Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	December 08, 2017
Arsenic (As)	0.0352 mg/L	Sous-traitance\Multilab Direct	December 08, 2017
Dissolved Arsenic (As)	0.0394 mg/L	Sous-traitance\Multilab Direct	December 08, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	0.58 mg N/L	Sous-traitance\Multilab Direct	December 07, 2017
Barium (Ba)	0.0167 mg/L	Sous-traitance\Multilab Direct	December 08, 2017
Dissolved Barium (Ba)	0.0121 mg/L	Sous-traitance\Multilab Direct	December 08, 2017
Cadmium (Cd)	0.00003 mg/L	Sous-traitance\Multilab Direct	December 08, 2017
Dissolved Cadmium (Cd)	0.00002 mg/L	Sous-traitance\Multilab Direct	December 08, 2017
Chloride	18.6 mg/L	Sous-traitance\Multilab Direct	December 08, 2017
Chrome (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	December 08, 2017
Dissolved Chromium (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	December 08, 2017
Copper (Cu)	<0.0005 mg/L	Sous-traitance\Multilab Direct	December 08, 2017
Dissolved Copper (Cu)	<0.0005 mg/L	Sous-traitance\Multilab Direct	December 08, 2017
Cyanide W.A.D.	<0.001 mg/L	Sous-traitance\Multilab Direct	December 08, 2017
Total Cyanide (CNT)	0.005 mg/L	Sous-traitance\Multilab Direct	December 08, 2017
Hardness	229 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	December 08, 2017
Iron (Fe)	0.07 mg/L	Sous-traitance\Multilab Direct	December 08, 2017
Dissolved Iron (Fe)	<0.01 mg/L	Sous-traitance\Multilab Direct	December 08, 2017
Fluoride (F)	0.48 mg/L	Sous-traitance\Multilab Direct	December 08, 2017
Total Suspended Solids	2 mg/L	M-SOLI-1.0	December 06, 2017
Manganese (Mn)	0.1267 mg/L	Sous-traitance\Multilab Direct	December 08, 2017
Dissolved Manganese (Mn)	0.1168 mg/L	Sous-traitance\Multilab Direct	December 08, 2017
Mercury (Hg)	0.00004 mg/L	Sous-traitance\Multilab Direct	December 08, 2017
Dissolved Mercury (Hg)	0.00002 mg/L	Sous-traitance\Multilab Direct	December 08, 2017
Molybdenum (Mo)	0.0366 mg/L	Sous-traitance\Multilab Direct	December 08, 2017
Dissolved Molybdenum (Mo)	0.0318 mg/L	Sous-traitance\Multilab Direct	December 08, 2017
Ammonia NH ₃ (non-ionized)	0.01 mg N/L	Sous-traitance\Multilab Direct	December 07, 2017
Nickel (Ni)	0.0431 mg/L	Sous-traitance\Multilab Direct	December 08, 2017
Dissolved Nickel (Ni)	0.0393 mg/L	Sous-traitance\Multilab Direct	December 08, 2017
Nitrate (NO ₃)	5.99 mg N/L	Sous-traitance\Multilab Direct	December 08, 2017
Nitrite (NO ₂)	0.03 mg N/L	Sous-traitance\Multilab Direct	December 08, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	December 08, 2017
Dissolved Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	December 08, 2017
Selenium (Se)	0.001 mg/L	Sous-traitance\Multilab Direct	December 08, 2017
Dissolved Selenium (Se)	0.001 mg/L	Sous-traitance\Multilab Direct	December 08, 2017
Dissolved Solids	411 mg/L	M-TIT-1.0	December 05, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Analytical Report

Lab number: V-71051

Sample name: ST-17 DUP

Sampling date: December 03, 2017

Sampling location: ST-17

Sampling hour: 10:00

Parameter	Result	Method name	Analysis date
Sulfate (SO4)	183 mg SO4/L	Sous-traitance\Multilab Direct	December 08, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	December 08, 2017
Dissolved thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	December 08, 2017
Zinc (Zn)	<0.001 mg/L	Sous-traitance\Multilab Direct	December 08, 2017
Dissolved Zinc	0.001 mg/L	Sous-traitance\Multilab Direct	December 08, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Detection limit

Lab number: V-71051

Sample name: ST-17 DUP

Sampling date: December 03, 2017

Sampling location: ST-17

Sampling hour: 10:00

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO ₃ /L	M-TIT-1.0	
Aluminium (Al)	0.003	mg/L	Sous-traitance	
Dissolved Aluminium (Al)	0.003	mg/L	Sous-traitance	
Silver (Ag)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Silver (Ag)	0.0001	mg/L	Sous-traitance	
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Arsenic (As)	0.0005	mg/L	Sous-traitance	
Ammonia nitrogen (NH ₃ -NH ₄)	0.01	mg N/L	Sous-traitance	Yes
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Barium (Ba)	0.0005	mg/L	Sous-traitance	
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Dissolved Cadmium (Cd)	0.00002	mg/L	Sous-traitance	
Chloride	0.5	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Dissolved Chromium (Cr)	0.0006	mg/L	Sous-traitance	
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Copper (Cu)	0.0005	mg/L	Sous-traitance	
Cyanide W.A.D.	0.001	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO ₃ /L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes
Dissolved Iron (Fe)	0.01	mg/L	Sous-traitance	
Fluoride (F)	0.01	mg/L	Sous-traitance	Yes
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Manganese (Mn)	0.0003	mg/L	Sous-traitance	
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Dissolved Mercury (Hg)	0.00001	mg/L	Sous-traitance	
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	
Ammonia NH ₃ (non-ionized)	0.01	mg N/L	Sous-traitance	-
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Nickel (Ni)	0.0005	mg/L	Sous-traitance	
Nitrate (NO ₃)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO ₂)	0.01	mg N/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Dissolved Lead (Pb)	0.0003	mg/L	Sous-traitance	
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Dissolved Selenium (Se)	0.001	mg/L	Sous-traitance	
Dissolved Solids	1	mg/L	M-TIT-1.0	

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Detection limit

Lab number: V-71051

Sample name: ST-17 DUP

Sampling date: December 03, 2017

Sampling location: ST-17

Sampling hour: 10:00

Parameter	Value	Unit	Method	Accreditation
Sulfate (SO4)	0.6	mg SO4/L	Sous-traitance	Yes
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Dissolved thallium (Tl)	0.0008	mg/L	Sous-traitance	
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes
Dissolved Zinc	0.001	mg/L	Sous-traitance	

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Quality control Report

Lab number: V-71051

Sample name: ST-17 DUP

Sampling location: ST-17

Sampling date: December 03, 2017

Sampling hour: 10:00

Parameter	
Alkalinity mg CaCO3/L	Standard name STD alcalinité Result 146 Accuracy 99.3% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006
	Standard name DMR-0476-2017-22-Eu Result 7.41 Accuracy 81.8% Limit 5.02 - 7.52
Dissolved Aluminium (Al) mg/L	Blank <0.006
	Standard name DMR-0476-2017-22-Eu Result 6.94 Accuracy 89.3% Limit 5.02 - 7.52
Silver (Ag) mg/L	Blank <0.0001
Dissolved Silver (Ag) mg/L	Blank <0.0001
Arsenic (As) mg/L	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu Result 0.2767 Accuracy 97.4% Limit 0.199 - 0.369
Dissolved Arsenic (As) mg/L	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu Result 0.2873 Accuracy 98.8% Limit 0.199 - 0.369
Ammonia nitrogen (NH3-NH4) m	Blank <0.01
	Standard name DMR-0581-2017-NH3 Result 2.18 Accuracy 97.7% Limit 1.81 - 2.45
Barium (Ba) mg/L	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu Result 2.434 Accuracy 99.8% Limit 1.94 - 2.92
Dissolved Barium (Ba) mg/L	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu Result 2.379 Accuracy 97.9%

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Quality control Report

Lab number: V-71051

Sample name: ST-17 DUP

Sampling location: ST-17

Sampling date: December 03, 2017

Sampling hour: 10:00

Parameter	
Cadmium (Cd) mg/L	Limit 1.94 - 2.92
	Blank <0.00002
	Standard name DMR-0476-2017-22-Eu
	Result 0.85756
	Accuracy 95.2%
Dissolved Cadmium (Cd) mg/L	Limit 0.721 - 1.081
	Blank <0.00002
	Standard name DMR-0476-2017-22-Eu
	Result 0.84137
	Accuracy 93.4%
Chloride mg/L	Limit 0.721 - 1.081
	Blank <0.5
	Standard name DMR-0581-2017-CL
	Result 115
	Accuracy 93.5%
Chrome (Cr) mg/L	Limit 95 - 121
	Blank <0.0006
	Standard name DMR-0476-2017-22-Eu
	Result 4.203
	Accuracy 96.2%
Dissolved Chromium (Cr) mg/L	Limit 3.24 - 4.86
	Blank <0.0006
	Standard name DMR-0476-2017-22-Eu
	Result 4.234
	Accuracy 95.5%
Copper (Cu) mg/L	Limit 3.24 - 4.86
	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu
	Result 1.318
	Accuracy 97%
Dissolved Copper (Cu) mg/L	Limit 1.02 - 1.54
	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu
	Result 1.333
	Accuracy 95.9%
Cyanide W.A.D. mg/L	Limit 1.02 - 1.54
	Blank <0.001
	Standard name DMR-0684
	Result 0.850
	Accuracy 96.3%

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Quality control Report

Lab number: V-71051

Sample name: ST-17 DUP

Sampling location: ST-17

Sampling date: December 03, 2017

Sampling hour: 10:00

Parameter	
Total Cyanide (CNT) mg/L	Limit 0.751 - 1.015
	Blank <0.001
	Standard name DMR-0684
	Result 1.01
	Accuracy 85.6%
Iron (Fe) mg/L	Limit 1.00 - 1.36
	Blank <0.01
	Standard name DMR-0476-2017-22-Eu
	Result 13.0
	Accuracy 86%
Dissolved Iron (Fe) mg/L	Limit 9.1 - 13.7
	Blank <0.01
	Standard name DMR-0476-2017-22-Eu
	Result 12.7
	Accuracy 88.6%
Fluoride (F) mg/L	Limit 9.1 - 13.7
	Blank <0.02
	Standard name Controle maison 2 ppm F
	Result 2.09
	Accuracy 95.5%
Total Suspended Solids mg/L	Limit 1.85 - 2.15
	Blank <1
	Standard name STD-MES 25mg/L
	Result 27
	Accuracy 92%
Manganese (Mn) mg/L	Limit 19 - 31
	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu
	Result 4.037
	Accuracy 96.5%
Dissolved Manganese (Mn) mg/L	Limit 3.12 - 4.68
	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu
	Result 4.042
	Accuracy 96.4%
Mercury (Hg) mg/L	Limit 3.12 - 4.68
	Blank <0.00001
	Standard name DMR-0581-2017-Eu
	Result 0.00149
	Accuracy 85.4%

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Quality control Report

Lab number: V-71051

Sample name: ST-17 DUP

Sampling location: ST-17

Sampling date: December 03, 2017

Sampling hour: 10:00

Parameter	
Dissolved Mercury (Hg) mg/L	Limit 0.0008 - 0.0018
	Blank <0.00001
	Standard name DMR-0581-2017-Eu
	Result 0.00169
	Accuracy 70%
Molybdenum (Mo) mg/L	Limit 0.0008 - 0.0018
	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu
	Result 0.5992
	Accuracy 84.6%
Dissolved Molybdenum (Mo) mg/L	Limit 0.566 - 0.850
	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu
	Result 0.6038
	Accuracy 85.3%
Ammonia NH3 (non-ionized) mg	Limit 0.566 - 0.850
	Blank <0.01
	Standard name DMR-0476-2017-22-Eu
	Result 1.085
	Accuracy 95.2%
Nickel (Ni) mg/L	Limit 0.91 - 1.37
	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu
	Result 1.101
	Accuracy 96.6%
Dissolved Nickel (Ni) mg/L	Limit 0.91 - 1.37
	Blank <0.01
	Standard name DMR-0581-2017-NO2
	Result 2.44
	Accuracy 90%
Nitrate (NO3) mg N/L	Limit 2.30 - 3.12
	Blank <0.0003
	Standard name DMR-0476-2017-22-Eu
	Result 0.9007
	Accuracy 99.7%
Nitrite (NO2) mg N/L	Limit 0.722 - 1.084
	Blank <0.0003
	Standard name DMR-0476-2017-22-Eu
	Result 0.9007
	Accuracy 99.7%
Lead (Pb) mg/L	Limit 0.722 - 1.084
	Blank <0.0003
	Standard name DMR-0476-2017-22-Eu
	Result 0.9007
	Accuracy 99.7%
Dissolved Lead (Pb) mg/L	Limit 0.722 - 1.084
	Blank <0.0003
	Standard name DMR-0476-2017-22-Eu
	Result 0.9007
	Accuracy 99.7%

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Quality control Report

Lab number: V-71051

Sample name: ST-17 DUP

Sampling location: ST-17

Sampling date: December 03, 2017

Sampling hour: 10:00

Parameter	
Selenium (Se) mg/L	Result 0.8839
	Accuracy 97.9%
	Limit 0.722 - 1.084
	Blank <0.001
	Standard name DMR-0476-2017-22-Eu
Dissolved Selenium (Se) mg/L	Result 1.39
	Accuracy 97%
	Limit 1.08 - 1.62
	Blank <0.001
	Standard name DMR-0476-2017-22-Eu
Sulfate (SO4) mg SO4/L	Result 1.39
	Accuracy 97%
	Limit 1.08 - 1.62
	Blank <0.6
	Standard name DMR-0581-2017-SO4
Thallium (Tl) mg/L	Result 126
	Accuracy 97.6%
	Limit 114 - 132
	Blank <0.0008
	Standard name TI-S140909023-1000ppm
Dissolved thallium (Tl) mg/L	Result 969
	Accuracy 96.9%
	Limit 800 - 1200
	Blank <0.0008
	Standard name TI-S140909023-1000ppm
Zinc (Zn) mg/L	Result 958
	Accuracy 95.8%
	Limit 800 - 1200
	Blank <0.001
	Standard name DMR-0476-2017-22-Eu
Dissolved Zinc mg/L	Result 4.37
	Accuracy 95.8%
	Limit 3.65 - 5.47
	Blank <0.001
	Standard name DMR-0476-2017-22-Eu
	Result 4.40
	Accuracy 96.5%
	Limit 3.65 - 5.47

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Additional information

Lab number: V-71051
Sample name: ST-17 DUP
Sampling location: ST-17

Sampling date: December 03, 2017
Sampling hour: 10:00

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-NH3-2.0	MA.300-N 2.0
M-CL-2.0	MA.300-Ions 1.3
M-CN-1.0	MA.300-CN 1.2
M-CI-1.0	MA.300-Anions 1.0
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-SULF-2.0	MA.300-Ions 1.3

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-71050

Sampling location: ST-17

Sampling date: December 03, 2017

Sample name: ST-17

Sampling hour: 10:00

Sampled by: JK

Date received: December 05, 2017

Matrix: Water

Drinking water distribution:

Reported on: December 11, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Lab number: V-71050

Sample name: ST-17

Sampling location: ST-17

Sampling date: December 03, 2017

Sampling hour: 10:00

Parameter	Result	Method name	Analysis date
Alkalinity	91 mg CaCO ₃ /L	M-TIT-1.0	December 05, 2017
Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	December 08, 2017
Dissolved Aluminium (Al)	0.024 mg/L	Sous-traitance\Multilab Direct	December 08, 2017
Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	December 08, 2017
Dissolved Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	December 08, 2017
Arsenic (As)	0.0359 mg/L	Sous-traitance\Multilab Direct	December 08, 2017
Dissolved Arsenic (As)	0.0394 mg/L	Sous-traitance\Multilab Direct	December 08, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	0.59 mg N/L	Sous-traitance\Multilab Direct	December 07, 2017
Barium (Ba)	0.0180 mg/L	Sous-traitance\Multilab Direct	December 08, 2017
Dissolved Barium (Ba)	0.0134 mg/L	Sous-traitance\Multilab Direct	December 08, 2017
Cadmium (Cd)	0.00010 mg/L	Sous-traitance\Multilab Direct	December 08, 2017
Dissolved Cadmium (Cd)	0.00011 mg/L	Sous-traitance\Multilab Direct	December 08, 2017
Chloride	18.6 mg/L	Sous-traitance\Multilab Direct	December 08, 2017
Chrome (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	December 08, 2017
Dissolved Chromium (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	December 08, 2017
Copper (Cu)	0.0005 mg/L	Sous-traitance\Multilab Direct	December 08, 2017
Dissolved Copper (Cu)	<0.0005 mg/L	Sous-traitance\Multilab Direct	December 08, 2017
Cyanide W.A.D.	<0.001 mg/L	Sous-traitance\Multilab Direct	December 08, 2017
Total Cyanide (CNT)	0.005 mg/L	Sous-traitance\Multilab Direct	December 08, 2017
Hardness	232 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	December 08, 2017
Iron (Fe)	0.04 mg/L	Sous-traitance\Multilab Direct	December 08, 2017
Dissolved Iron (Fe)	<0.01 mg/L	Sous-traitance\Multilab Direct	December 08, 2017
Fluoride (F)	0.47 mg/L	Sous-traitance\Multilab Direct	December 08, 2017
Total Suspended Solids	2 mg/L	M-SOLI-1.0	December 06, 2017
Manganese (Mn)	0.1284 mg/L	Sous-traitance\Multilab Direct	December 08, 2017
Dissolved Manganese (Mn)	0.1214 mg/L	Sous-traitance\Multilab Direct	December 08, 2017
Mercury (Hg)	0.00002 mg/L	Sous-traitance\Multilab Direct	December 08, 2017
Dissolved Mercury (Hg)	0.00002 mg/L	Sous-traitance\Multilab Direct	December 08, 2017
Molybdenum (Mo)	0.0367 mg/L	Sous-traitance\Multilab Direct	December 08, 2017
Dissolved Molybdenum (Mo)	0.0335 mg/L	Sous-traitance\Multilab Direct	December 08, 2017
Ammonia NH ₃ (non-ionized)	0.01 mg N/L	Sous-traitance\Multilab Direct	December 07, 2017
Nickel (Ni)	0.0438 mg/L	Sous-traitance\Multilab Direct	December 08, 2017
Dissolved Nickel (Ni)	0.0412 mg/L	Sous-traitance\Multilab Direct	December 08, 2017
Nitrate (NO ₃)	6.09 mg N/L	Sous-traitance\Multilab Direct	December 08, 2017
Nitrite (NO ₂)	0.03 mg N/L	Sous-traitance\Multilab Direct	December 08, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	December 08, 2017
Dissolved Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	December 08, 2017
Selenium (Se)	0.001 mg/L	Sous-traitance\Multilab Direct	December 08, 2017
Dissolved Selenium (Se)	0.001 mg/L	Sous-traitance\Multilab Direct	December 08, 2017
Dissolved Solids	408 mg/L	M-TIT-1.0	December 05, 2017

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Analytical Report

Lab number: V-71050

Sample name: ST-17

Sampling location: ST-17

Sampling date: December 03, 2017

Sampling hour: 10:00

Parameter	Result	Method name	Analysis date
Sulfate (SO4)	179 mg SO4/L	Sous-traitance\Multilab Direct	December 08, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	December 08, 2017
Dissolved thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	December 08, 2017
Zinc (Zn)	<0.001 mg/L	Sous-traitance\Multilab Direct	December 08, 2017
Dissolved Zinc	<0.001 mg/L	Sous-traitance\Multilab Direct	December 08, 2017

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Detection limit

Lab number: V-71050

Sample name: ST-17

Sampling location: ST-17

Sampling date: December 03, 2017

Sampling hour: 10:00

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO ₃ /L	M-TIT-1.0	
Aluminium (Al)	0.003	mg/L	Sous-traitance	
Dissolved Aluminium (Al)	0.003	mg/L	Sous-traitance	
Silver (Ag)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Silver (Ag)	0.0001	mg/L	Sous-traitance	
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Arsenic (As)	0.0005	mg/L	Sous-traitance	
Ammonia nitrogen (NH ₃ -NH ₄)	0.01	mg N/L	Sous-traitance	Yes
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Barium (Ba)	0.0005	mg/L	Sous-traitance	
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Dissolved Cadmium (Cd)	0.00002	mg/L	Sous-traitance	
Chloride	0.5	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Dissolved Chromium (Cr)	0.0006	mg/L	Sous-traitance	
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Copper (Cu)	0.0005	mg/L	Sous-traitance	
Cyanide W.A.D.	0.001	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO ₃ /L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes
Dissolved Iron (Fe)	0.01	mg/L	Sous-traitance	
Fluoride (F)	0.01	mg/L	Sous-traitance	Yes
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Manganese (Mn)	0.0003	mg/L	Sous-traitance	
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Dissolved Mercury (Hg)	0.00001	mg/L	Sous-traitance	
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	
Ammonia NH ₃ (non-ionized)	0.01	mg N/L	Sous-traitance	-
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Nickel (Ni)	0.0005	mg/L	Sous-traitance	
Nitrate (NO ₃)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO ₂)	0.01	mg N/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Dissolved Lead (Pb)	0.0003	mg/L	Sous-traitance	
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Dissolved Selenium (Se)	0.001	mg/L	Sous-traitance	
Dissolved Solids	1	mg/L	M-TIT-1.0	

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Detection limit

Lab number: V-71050

Sample name: ST-17

Sampling location: ST-17

Sampling date: December 03, 2017

Sampling hour: 10:00

Parameter	Value	Unit	Method	Accreditation
Sulfate (SO4)	0.6	mg SO4/L	Sous-traitance	Yes
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Dissolved thallium (Tl)	0.0008	mg/L	Sous-traitance	
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes
Dissolved Zinc	0.001	mg/L	Sous-traitance	

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Quality control Report

Lab number: V-71050

Sample name: ST-17

Sampling location: ST-17

Sampling date: December 03, 2017

Sampling hour: 10:00

Parameter	
Alkalinity mg CaCO3/L	Standard name STD alcalinité Result 146 Accuracy 99.3% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006
	Standard name DMR-0476-2017-22-Eu Result 7.41 Accuracy 81.8% Limit 5.02 - 7.52
Dissolved Aluminium (Al) mg/L	Blank <0.006
	Standard name DMR-0476-2017-22-Eu Result 6.94 Accuracy 89.3% Limit 5.02 - 7.52
Silver (Ag) mg/L	Blank <0.0001
Dissolved Silver (Ag) mg/L	Blank <0.0001
Arsenic (As) mg/L	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu Result 0.2767 Accuracy 97.4% Limit 0.199 - 0.369
Dissolved Arsenic (As) mg/L	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu Result 0.2873 Accuracy 98.8% Limit 0.199 - 0.369
Ammonia nitrogen (NH3-NH4) m	Blank <0.01
	Standard name DMR-0581-2017-NH3 Result 2.18 Accuracy 97.7% Limit 1.81 - 2.45
Barium (Ba) mg/L	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu Result 2.434 Accuracy 99.8% Limit 1.94 - 2.92
Dissolved Barium (Ba) mg/L	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu Result 2.379 Accuracy 97.9%

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Quality control Report

Lab number: V-71050

Sample name: ST-17

Sampling location: ST-17

Sampling date: December 03, 2017

Sampling hour: 10:00

Parameter	
Cadmium (Cd) mg/L	Limit 1.94 - 2.92
	Blank <0.00002
	Standard name DMR-0476-2017-22-Eu
	Result 0.85756
	Accuracy 95.2%
Dissolved Cadmium (Cd) mg/L	Limit 0.721 - 1.081
	Blank <0.00002
	Standard name DMR-0476-2017-22-Eu
	Result 0.84137
	Accuracy 93.4%
Chloride mg/L	Limit 0.721 - 1.081
	Blank <0.5
	Standard name DMR-0581-2017-CL
	Result 115
	Accuracy 93.5%
Chrome (Cr) mg/L	Limit 95 - 121
	Blank <0.0006
	Standard name DMR-0476-2017-22-Eu
	Result 4.203
	Accuracy 96.2%
Dissolved Chromium (Cr) mg/L	Limit 3.24 - 4.86
	Blank <0.0006
	Standard name DMR-0476-2017-22-Eu
	Result 4.234
	Accuracy 95.5%
Copper (Cu) mg/L	Limit 3.24 - 4.86
	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu
	Result 1.318
	Accuracy 97%
Dissolved Copper (Cu) mg/L	Limit 1.02 - 1.54
	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu
	Result 1.333
	Accuracy 95.9%
Cyanide W.A.D. mg/L	Limit 1.02 - 1.54
	Blank <0.001
	Standard name DMR-0684
	Result 0.850
	Accuracy 96.3%

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Quality control Report

Lab number: V-71050

Sample name: ST-17

Sampling location: ST-17

Sampling date: December 03, 2017

Sampling hour: 10:00

Parameter	
Total Cyanide (CNT) mg/L	Limit 0.751 - 1.015
	Blank <0.001
	Standard name DMR-0684
	Result 1.01
	Accuracy 85.6%
Iron (Fe) mg/L	Limit 1.00 - 1.36
	Blank <0.01
	Standard name DMR-0476-2017-22-Eu
	Result 13.0
	Accuracy 86%
Dissolved Iron (Fe) mg/L	Limit 9.1 - 13.7
	Blank <0.01
	Standard name DMR-0476-2017-22-Eu
	Result 12.7
	Accuracy 88.6%
Fluoride (F) mg/L	Limit 9.1 - 13.7
	Blank <0.02
	Standard name Controle maison 2 ppm F
	Result 2.09
	Accuracy 95.5%
Total Suspended Solids mg/L	Limit 1.85 - 2.15
	Blank <1
	Standard name STD-MES 25mg/L
	Result 27
	Accuracy 92%
Manganese (Mn) mg/L	Limit 19 - 31
	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu
	Result 4.037
	Accuracy 96.5%
Dissolved Manganese (Mn) mg/L	Limit 3.12 - 4.68
	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu
	Result 4.042
	Accuracy 96.4%
Mercury (Hg) mg/L	Limit 3.12 - 4.68
	Blank <0.00001
	Standard name DMR-0581-2017-Eu
	Result 0.00149
	Accuracy 85.4%

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Quality control Report

Lab number: V-71050

Sample name: ST-17

Sampling location: ST-17

Sampling date: December 03, 2017

Sampling hour: 10:00

Parameter		
Dissolved Mercury (Hg) mg/L	Limit 0.0008 - 0.0018	
	Blank <0.00001	
	Standard name DMR-0581-2017-Eu	
	Result 0.00169	
	Accuracy 70%	
Molybdenum (Mo) mg/L	Limit 0.0008 - 0.0018	
	Blank <0.0005	
	Standard name DMR-0476-2017-22-Eu	
	Result 0.5992	
	Accuracy 84.6%	
Dissolved Molybdenum (Mo) mg/	Limit 0.566 - 0.850	
	Blank <0.0005	
	Standard name DMR-0476-2017-22-Eu	
	Result 0.6038	
	Accuracy 85.3%	
Ammonia NH3 (non-ionized) mg	Limit 0.566 - 0.850	
	Blank <0.01	
	Standard name DMR-0476-2017-22-Eu	Result 1.085
		Accuracy 95.2%
		Nickel (Ni) mg/L
Blank <0.0005		
Standard name DMR-0476-2017-22-Eu		
Result 1.101		
Accuracy 96.6%		
Dissolved Nickel (Ni) mg/L	Limit 0.91 - 1.37	
	Blank <0.01	
	Sample duplicate 6.09-6.20	
	Standard name DMR-0581-2017-NO2	Result 2.44
		Accuracy 90%
Nitrate (NO3) mg N/L		Limit 2.30 - 3.12
	Sample duplicate 0.03-0.03	
	Standard name DMR-0476-2017-22-Eu	Result 0.9007
		Accuracy 99.7%
		Limit 0.722 - 1.084

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Quality control Report

Lab number: V-71050

Sample name: ST-17

Sampling location: ST-17

Sampling date: December 03, 2017

Sampling hour: 10:00

Parameter	
Dissolved Lead (Pb) mg/L	Blank <0.0003 Standard name DMR-0476-2017-22-Eu Result 0.8839 Accuracy 97.9% Limit 0.722 - 1.084
Selenium (Se) mg/L	Blank <0.001 Standard name DMR-0476-2017-22-Eu Result 1.39 Accuracy 97% Limit 1.08 - 1.62
Dissolved Selenium (Se) mg/L	Blank <0.001 Standard name DMR-0476-2017-22-Eu Result 1.39 Accuracy 97% Limit 1.08 - 1.62
Sulfate (SO4) mg SO4/L	Blank <0.6 Standard name DMR-0581-2017-SO4 Result 126 Accuracy 97.6% Limit 114 - 132
Thallium (Tl) mg/L	Blank <0.0008 Standard name TI-S140909023-1000ppm Result 969 Accuracy 96.9% Limit 800 - 1200
Dissolved thallium (Tl) mg/L	Blank <0.0008 Standard name TI-S140909023-1000ppm Result 958 Accuracy 95.8% Limit 800 - 1200
Zinc (Zn) mg/L	Blank <0.001 Standard name DMR-0476-2017-22-Eu Result 4.37 Accuracy 95.8% Limit 3.65 - 5.47
Dissolved Zinc mg/L	Blank <0.001 Standard name DMR-0476-2017-22-Eu Result 4.40 Accuracy 96.5% Limit 3.65 - 5.47

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Additional information

Lab number: V-71050

Sample name: ST-17

Sampling location: ST-17

Sampling date: December 03, 2017

Sampling hour: 10:00

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-NH3-2.0	MA.300-N 2.0
M-CL-2.0	MA.300-Ions 1.3
M-CN-1.0	MA.300-CN 1.2
M-CI-1.0	MA.300-Anions 1.0
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-SULF-2.0	MA.300-Ions 1.3

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-71053

Sampling location: ST-21

Sampling date: December 04, 2017

Sample name: ST-21 South cell

Sampling hour: 08:00

Sampled by: MT

Date received: December 05, 2017

Matrix: Waste Water

Drinking water distribution:

Reported on: December 20, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

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Analytical Report

Lab number: V-71053

Sample name: ST-21 South cell

Sampling date: December 04, 2017

Sampling location: ST-21

Sampling hour: 08:00

Parameter	Result	Method name	Analysis date
Alkalinity	122 mg CaCO ₃ /L	M-TIT-1.0	December 05, 2017
Aluminium (Al)	0.020 mg/L	Sous-traitance\Multilab Direct	December 08, 2017
Dissolved Aluminium (Al)	0.033 mg/L	Sous-traitance\Multilab Direct	December 08, 2017
Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	December 08, 2017
Dissolved Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	December 08, 2017
Arsenic (As)	0.0030 mg/L	Sous-traitance\Multilab Direct	December 08, 2017
Dissolved Arsenic (As)	0.0067 mg/L	Sous-traitance\Multilab Direct	December 08, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	51.8 mg N/L	Sous-traitance\Multilab Direct	December 07, 2017
Barium (Ba)	0.0915 mg/L	Sous-traitance\Multilab Direct	December 08, 2017
Dissolved Barium (Ba)	0.0797 mg/L	Sous-traitance\Multilab Direct	December 08, 2017
Cadmium (Cd)	0.00222 mg/L	Sous-traitance\Multilab Direct	December 08, 2017
Dissolved Cadmium (Cd)	0.00171 mg/L	Sous-traitance\Multilab Direct	December 08, 2017
Chloride	440 mg/L	Sous-traitance\Multilab Direct	December 08, 2017
Chrome (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	December 08, 2017
Dissolved Chromium (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	December 08, 2017
Copper (Cu)	1.192 mg/L	Sous-traitance\Multilab Direct	December 08, 2017
Dissolved Copper (Cu)	0.2401 mg/L	Sous-traitance\Multilab Direct	December 08, 2017
Cyanates (CNO)	<0.01 mg CNO/L	Sous-traitance\Multilab Direct	December 08, 2017
Cyanide W.A.D.	0.073 mg/L	Sous-traitance\Multilab Direct	December 08, 2017
Total Cyanide (CNT)	1.00 mg/L	Sous-traitance\Multilab Direct	December 08, 2017
Hardness	1214 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	December 08, 2017
Iron (Fe)	0.37 mg/L	Sous-traitance\Multilab Direct	December 08, 2017
Dissolved Iron (Fe)	0.03 mg/L	Sous-traitance\Multilab Direct	December 08, 2017
Fluoride (F)	0.37 mg/L	Sous-traitance\Multilab Direct	December 08, 2017
Total Suspended Solids	8 mg/L	M-SOLI-1.0	December 06, 2017
Manganese (Mn)	0.2183 mg/L	Sous-traitance\Multilab Direct	December 08, 2017
Dissolved Manganese (Mn)	0.1933 mg/L	Sous-traitance\Multilab Direct	December 08, 2017
Mercury (Hg)	0.00054 mg/L	Sous-traitance\Multilab Direct	December 08, 2017
Dissolved Mercury (Hg)	0.00057 mg/L	Sous-traitance\Multilab Direct	December 08, 2017
Molybdenum (Mo)	0.6859 mg/L	Sous-traitance\Multilab Direct	December 08, 2017
Dissolved Molybdenum (Mo)	0.6202 mg/L	Sous-traitance\Multilab Direct	December 08, 2017
Ammonia NH ₃ (non-ionized)	2.36 mg N/L	Sous-traitance\Multilab Direct	December 07, 2017
Nickel (Ni)	0.3100 mg/L	Sous-traitance\Multilab Direct	December 08, 2017
Dissolved Nickel (Ni)	0.1600 mg/L	Sous-traitance\Multilab Direct	December 08, 2017
Nitrate (NO ₃)	4.26 mg N/L	Sous-traitance\Multilab Direct	December 08, 2017
Nitrite (NO ₂)	0.20 mg N/L	Sous-traitance\Multilab Direct	December 08, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	December 08, 2017
Dissolved Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	December 08, 2017
Selenium (Se)	0.087 mg/L	Sous-traitance\Multilab Direct	December 08, 2017
Selenium IV	0.002 mg/L	Sous-traitance\CEAEQ	December 19, 2017

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Analytical Report

Lab number: V-71053

Sample name: ST-21 South cell

Sampling date: December 04, 2017

Sampling location: ST-21

Sampling hour: 08:00

Parameter	Result	Method name	Analysis date
Selenium VI	0.048 mg/L	Sous-traitance\CEAEQ	December 19, 2017
Dissolved Selenium (Se)	0.081 mg/L	Sous-traitance\Multilab Direct	December 08, 2017
Dissolved Solids	3483 mg/L	M-TIT-1.0	December 05, 2017
Sulfate (SO4)	2430 mg SO4/L	Sous-traitance\Multilab Direct	December 08, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	December 08, 2017
Dissolved thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	December 08, 2017
Thiocyanate (SCN)	70.1 mg SCN/L	Sous-traitance\Multilab Direct	December 07, 2017
Zinc (Zn)	0.001 mg/L	Sous-traitance\Multilab Direct	December 08, 2017
Dissolved Zinc	0.008 mg/L	Sous-traitance\Multilab Direct	December 08, 2017

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Detection limit

Lab number: V-71053

Sample name: ST-21 South cell

Sampling date: December 04, 2017

Sampling location: ST-21

Sampling hour: 08:00

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO ₃ /L	M-TIT-1.0	
Aluminium (Al)	0.003	mg/L	Sous-traitance	
Dissolved Aluminium (Al)	0.003	mg/L	Sous-traitance	
Silver (Ag)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Silver (Ag)	0.0001	mg/L	Sous-traitance	
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Arsenic (As)	0.0005	mg/L	Sous-traitance	
Ammonia nitrogen (NH ₃ -NH ₄)	0.01	mg N/L	Sous-traitance	Yes
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Barium (Ba)	0.0005	mg/L	Sous-traitance	
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Dissolved Cadmium (Cd)	0.00002	mg/L	Sous-traitance	
Chloride	0.5	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Dissolved Chromium (Cr)	0.0006	mg/L	Sous-traitance	
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Copper (Cu)	0.0005	mg/L	Sous-traitance	
Cyanates (CNO)	0.01	mg CNO/L	Sous-traitance	
Cyanide W.A.D.	0.001	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO ₃ /L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes
Dissolved Iron (Fe)	0.01	mg/L	Sous-traitance	
Fluoride (F)	0.01	mg/L	Sous-traitance	Yes
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Manganese (Mn)	0.0003	mg/L	Sous-traitance	
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Dissolved Mercury (Hg)	0.00001	mg/L	Sous-traitance	
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	
Ammonia NH ₃ (non-ionized)	0.01	mg N/L	Sous-traitance	-
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Nickel (Ni)	0.0005	mg/L	Sous-traitance	
Nitrate (NO ₃)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO ₂)	0.01	mg N/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Dissolved Lead (Pb)	0.0003	mg/L	Sous-traitance	
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Selenium IV	0.001	mg/L	Sous-traitance	

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Detection limit

Lab number: V-71053

Sample name: ST-21 South cell

Sampling date: December 04, 2017

Sampling location: ST-21

Sampling hour: 08:00

Parameter	Value	Unit	Method	Accreditation
Selenium VI	0.001	mg/L	Sous-traitance	
Dissolved Selenium (Se)	0.001	mg/L	Sous-traitance	
Dissolved Solids	1	mg/L	M-TIT-1.0	
Sulfate (SO4)	0.6	mg SO4/L	Sous-traitance	Yes
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Dissolved thallium (Tl)	0.0008	mg/L	Sous-traitance	
Thiocyanate (SCN)	0.05	mg SCN/L	Sous-traitance	Yes
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes
Dissolved Zinc	0.001	mg/L	Sous-traitance	

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Quality control Report

Lab number: V-71053

Sample name: ST-21 South cell

Sampling location: ST-21

Sampling date: December 04, 2017

Sampling hour: 08:00

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 146 Accuracy 99.3% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006
	Standard name DMR-0476-2017-22-Eu Result 7.41 Accuracy 81.8% Limit 5.02 - 7.52
Dissolved Aluminium (Al) mg/L	Blank <0.006
	Standard name DMR-0476-2017-22-Eu Result 6.94 Accuracy 89.3% Limit 5.02 - 7.52
Silver (Ag) mg/L	Blank <0.0001
Dissolved Silver (Ag) mg/L	Blank <0.0001
Arsenic (As) mg/L	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu Result 0.2767 Accuracy 97.4% Limit 0.199 - 0.369
Dissolved Arsenic (As) mg/L	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu Result 0.2873 Accuracy 98.8% Limit 0.199 - 0.369
Ammonia nitrogen (NH ₃ -NH ₄) m	Blank <0.01
	Standard name DMR-0581-2017-NH3 Result 2.18 Accuracy 97.7% Limit 1.81 - 2.45
Barium (Ba) mg/L	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu Result 2.434 Accuracy 99.8% Limit 1.94 - 2.92
Dissolved Barium (Ba) mg/L	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu Result 2.379 Accuracy 97.9%

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Quality control Report

Lab number: V-71053

Sample name: ST-21 South cell

Sampling location: ST-21

Sampling date: December 04, 2017

Sampling hour: 08:00

Parameter	
Cadmium (Cd) mg/L	Limit 1.94 - 2.92
	Blank <0.00002
	Standard name DMR-0476-2017-22-Eu
	Result 0.85756
	Accuracy 95.2%
Dissolved Cadmium (Cd) mg/L	Limit 0.721 - 1.081
	Blank <0.00002
	Standard name DMR-0476-2017-22-Eu
	Result 0.84137
	Accuracy 93.4%
Chloride mg/L	Limit 0.721 - 1.081
	Blank <0.5
	Standard name DMR-0581-2017-CL
	Result 115
	Accuracy 93.5%
Chrome (Cr) mg/L	Limit 95 - 121
	Blank <0.0006
	Standard name DMR-0476-2017-22-Eu
	Result 4.203
	Accuracy 96.2%
Dissolved Chromium (Cr) mg/L	Limit 3.24 - 4.86
	Blank <0.0006
	Standard name DMR-0476-2017-22-Eu
	Result 4.234
	Accuracy 95.5%
Copper (Cu) mg/L	Limit 3.24 - 4.86
	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu
	Result 1.318
	Accuracy 97%
Dissolved Copper (Cu) mg/L	Limit 1.02 - 1.54
	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu
	Result 1.333
	Accuracy 95.9%
Cyanates (CNO) mg CNO/L	Limit 1.02 - 1.54
	Blank <0.01
	Standard name Controle Maison CNO 250 ppm
	Result 201
	Accuracy 80.4%

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Quality control Report

Lab number: V-71053

Sample name: ST-21 South cell

Sampling location: ST-21

Sampling date: December 04, 2017

Sampling hour: 08:00

Parameter	
Cyanide W.A.D. mg/L	Limit 175 - 325
	Blank <0.001
	Standard name DMR-0684
	Result 0.850
	Accuracy 96.3%
Total Cyanide (CNT) mg/L	Limit 0.751 - 1.015
	Blank <0.001
	Standard name DMR-0684
	Result 1.01
	Accuracy 85.6%
Iron (Fe) mg/L	Limit 1.00 - 1.36
	Blank <0.01
	Standard name DMR-0476-2017-22-Eu
	Result 13.0
	Accuracy 86%
Dissolved Iron (Fe) mg/L	Limit 9.1 - 13.7
	Blank <0.01
	Standard name DMR-0476-2017-22-Eu
	Result 12.7
	Accuracy 88.6%
Fluoride (F) mg/L	Limit 9.1 - 13.7
	Blank <0.02
	Standard name Controle maison 2 ppm F
	Result 2.09
	Accuracy 95.5%
Total Suspended Solids mg/L	Limit 1.85 - 2.15
	Blank <1
	Standard name STD-MES 25mg/L
	Result 27
	Accuracy 92%
Manganese (Mn) mg/L	Limit 19 - 31
	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu
	Result 4.037
	Accuracy 96.5%
Dissolved Manganese (Mn) mg/L	Limit 3.12 - 4.68
	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu
	Result 4.042
	Accuracy 96.4%

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Quality control Report

Lab number: V-71053

Sample name: ST-21 South cell

Sampling location: ST-21

Sampling date: December 04, 2017

Sampling hour: 08:00

Parameter		
Mercury (Hg) mg/L	Limit 3.12 - 4.68	
	Blank <0.00001	
	Standard name DMR-0581-2017-Eu	
	Result 0.00149	
	Accuracy 85.4%	
Dissolved Mercury (Hg) mg/L	Limit 0.0008 - 0.0018	
	Blank <0.00001	
	Standard name DMR-0581-2017-Eu	
	Result 0.00169	
	Accuracy 70%	
Molybdenum (Mo) mg/L	Limit 0.0008 - 0.0018	
	Blank <0.0005	
	Standard name DMR-0476-2017-22-Eu	
	Result 0.5992	
	Accuracy 84.6%	
Dissolved Molybdenum (Mo) mg/L	Limit 0.566 - 0.850	
	Blank <0.0005	
	Standard name DMR-0476-2017-22-Eu	
	Result 0.6038	
	Accuracy 85.3%	
Ammonia NH3 (non-ionized) mg	Limit 0.566 - 0.850	
	Blank <0.01	
	Nickel (Ni) mg/L	Blank <0.0005
		Standard name DMR-0476-2017-22-Eu
		Result 1.085
Accuracy 95.2%		
Dissolved Nickel (Ni) mg/L	Limit 0.91 - 1.37	
	Blank <0.0005	
	Standard name DMR-0476-2017-22-Eu	
	Result 1.101	
	Accuracy 96.6%	
Nitrate (NO3) mg N/L	Limit 0.91 - 1.37	
	Blank <0.01	
	Nitrite (NO2) mg N/L	Blank <0.01
		Standard name DMR-0581-2017-NO2
		Result 2.44
Accuracy 90%		
Lead (Pb) mg/L	Limit 2.30 - 3.12	
	Blank <0.0003	
	Standard name DMR-0476-2017-22-Eu	

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Quality control Report

Lab number: V-71053

Sample name: ST-21 South cell

Sampling location: ST-21

Sampling date: December 04, 2017

Sampling hour: 08:00

Parameter	
Dissolved Lead (Pb) mg/L	Result 0.9007
	Accuracy 99.7%
	Limit 0.722 - 1.084
	Blank <0.0003
	Standard name DMR-0476-2017-22-Eu
Selenium (Se) mg/L	Result 0.8839
	Accuracy 97.9%
	Limit 0.722 - 1.084
	Blank <0.001
	Standard name DMR-0476-2017-22-Eu
Dissolved Selenium (Se) mg/L	Result 1.39
	Accuracy 97%
	Limit 1.08 - 1.62
	Blank <0.001
	Standard name DMR-0476-2017-22-Eu
Sulfate (SO4) mg SO4/L	Result 1.39
	Accuracy 97%
	Limit 1.08 - 1.62
	Blank <0.6
	Standard name DMR-0581-2017-SO4
Thallium (Tl) mg/L	Result 126
	Accuracy 97.6%
	Limit 114 - 132
	Blank <0.0008
	Standard name TI-S140909023-1000ppm
Dissolved thallium (Tl) mg/L	Result 969
	Accuracy 96.9%
	Limit 800 - 1200
	Blank <0.0008
	Standard name TI-S140909023-1000ppm
Thiocyanate (SCN) mg SCN/L	Result 958
	Accuracy 95.8%
	Limit 800 - 1200
	Blank <0.05
	Standard name STD SCN 568ppm
Zinc (Zn) mg/L	Result 582
	Accuracy 97.5%
	Limit 398 - 738
	Blank <0.001
	Standard name DMR-0476-2017-22-Eu

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Quality control Report

Lab number: V-71053

Sample name: ST-21 South cell

Sampling date: December 04, 2017

Sampling location: ST-21

Sampling hour: 08:00

Parameter

Dissolved Zinc mg/L	Result 4.37
	Accuracy 95.8%
	Limit 3.65 - 5.47
	Blank <0.001
	Standard name DMR-0476-2017-22-Eu

	Result 4.40
	Accuracy 96.5%
	Limit 3.65 - 5.47

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Additional information

Lab number: V-71053

Sample name: ST-21 South cell

Sampling location: ST-21

Sampling date: December 04, 2017

Sampling hour: 08:00

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-NH3-2.0	MA.300-N 2.0
M-CL-2.0	MA.300-Ions 1.3
M-CI-1.0	MA.300-Anions 1.0
M-CN-1.0	MA.300-CN 1.2
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-SULF-2.0	MA.300-Ions 1.3

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-71054

Sampling location: ST-S-5

Sampling date: December 04, 2017

Sample name: ST-S-5

Sampling hour: 09:00

Sampled by: JK

Date received: December 05, 2017

Matrix: Water

Drinking water distribution:

Reported on: December 11, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

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Analytical Report

Lab number: V-71054

Sample name: ST-S-5

Sampling location: ST-S-5

Sampling date: December 04, 2017

Sampling hour: 09:00

Parameter	Result	Method name	Analysis date
Alkalinity	121 mg CaCO ₃ /L	M-TIT-1.0	December 05, 2017
Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	December 08, 2017
Dissolved Aluminium (Al)	0.006 mg/L	Sous-traitance\Multilab Direct	December 08, 2017
Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	December 08, 2017
Dissolved Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	December 08, 2017
Arsenic (As)	0.0528 mg/L	Sous-traitance\Multilab Direct	December 08, 2017
Dissolved Arsenic (As)	0.0210 mg/L	Sous-traitance\Multilab Direct	December 08, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	24.9 mg N/L	Sous-traitance\Multilab Direct	December 07, 2017
Barium (Ba)	0.0269 mg/L	Sous-traitance\Multilab Direct	December 08, 2017
Dissolved Barium (Ba)	0.0219 mg/L	Sous-traitance\Multilab Direct	December 08, 2017
Cadmium (Cd)	0.00097 mg/L	Sous-traitance\Multilab Direct	December 08, 2017
Dissolved Cadmium (Cd)	0.00078 mg/L	Sous-traitance\Multilab Direct	December 08, 2017
Chloride	376 mg/L	Sous-traitance\Multilab Direct	December 08, 2017
Chrome (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	December 08, 2017
Dissolved Chromium (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	December 08, 2017
Copper (Cu)	0.0056 mg/L	Sous-traitance\Multilab Direct	December 08, 2017
Dissolved Copper (Cu)	0.0050 mg/L	Sous-traitance\Multilab Direct	December 08, 2017
Cyanide W.A.D.	0.080 mg/L	Sous-traitance\Multilab Direct	December 08, 2017
Total Cyanide (CNT)	0.318 mg/L	Sous-traitance\Multilab Direct	December 08, 2017
Hardness	1208 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	December 08, 2017
Iron (Fe)	3.24 mg/L	Sous-traitance\Multilab Direct	December 08, 2017
Dissolved Iron (Fe)	0.05 mg/L	Sous-traitance\Multilab Direct	December 08, 2017
Fluoride (F)	0.48 mg/L	Sous-traitance\Multilab Direct	December 08, 2017
Total Suspended Solids	6 mg/L	M-SOLI-1.0	December 06, 2017
Manganese (Mn)	2.601 mg/L	Sous-traitance\Multilab Direct	December 08, 2017
Dissolved Manganese (Mn)	2.340 mg/L	Sous-traitance\Multilab Direct	December 08, 2017
Mercury (Hg)	0.00009 mg/L	Sous-traitance\Multilab Direct	December 08, 2017
Dissolved Mercury (Hg)	0.00010 mg/L	Sous-traitance\Multilab Direct	December 08, 2017
Molybdenum (Mo)	0.3267 mg/L	Sous-traitance\Multilab Direct	December 08, 2017
Dissolved Molybdenum (Mo)	0.2948 mg/L	Sous-traitance\Multilab Direct	December 08, 2017
Ammonia NH ₃ (non-ionized)	0.25 mg N/L	Sous-traitance\Multilab Direct	December 07, 2017
Nickel (Ni)	0.0232 mg/L	Sous-traitance\Multilab Direct	December 08, 2017
Dissolved Nickel (Ni)	0.0195 mg/L	Sous-traitance\Multilab Direct	December 08, 2017
Nitrate (NO ₃)	<0.01 mg N/L	Sous-traitance\Multilab Direct	December 08, 2017
Nitrite (NO ₂)	<0.01 mg N/L	Sous-traitance\Multilab Direct	December 08, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	December 08, 2017
Dissolved Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	December 08, 2017
Selenium (Se)	0.019 mg/L	Sous-traitance\Multilab Direct	December 08, 2017
Dissolved Selenium (Se)	0.024 mg/L	Sous-traitance\Multilab Direct	December 08, 2017
Dissolved Solids	2821 mg/L	M-TIT-1.0	December 05, 2017

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Analytical Report

Lab number: V-71054

Sample name: ST-S-5

Sampling location: ST-S-5

Sampling date: December 04, 2017

Sampling hour: 09:00

Parameter	Result	Method name	Analysis date
Sulfate (SO4)	1864 mg SO4/L	Sous-traitance\Multilab Direct	December 08, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	December 08, 2017
Dissolved thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	December 08, 2017
Zinc (Zn)	<0.001 mg/L	Sous-traitance\Multilab Direct	December 08, 2017
Dissolved Zinc	<0.001 mg/L	Sous-traitance\Multilab Direct	December 08, 2017

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Detection limit

Lab number: V-71054

Sample name: ST-S-5

Sampling location: ST-S-5

Sampling date: December 04, 2017

Sampling hour: 09:00

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO ₃ /L	M-TIT-1.0	
Aluminium (Al)	0.003	mg/L	Sous-traitance	
Dissolved Aluminium (Al)	0.003	mg/L	Sous-traitance	
Silver (Ag)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Silver (Ag)	0.0001	mg/L	Sous-traitance	
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Arsenic (As)	0.0005	mg/L	Sous-traitance	
Ammonia nitrogen (NH ₃ -NH ₄)	0.01	mg N/L	Sous-traitance	Yes
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Barium (Ba)	0.0005	mg/L	Sous-traitance	
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Dissolved Cadmium (Cd)	0.00002	mg/L	Sous-traitance	
Chloride	0.5	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Dissolved Chromium (Cr)	0.0006	mg/L	Sous-traitance	
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Copper (Cu)	0.0005	mg/L	Sous-traitance	
Cyanide W.A.D.	0.001	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO ₃ /L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes
Dissolved Iron (Fe)	0.01	mg/L	Sous-traitance	
Fluoride (F)	0.01	mg/L	Sous-traitance	Yes
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Manganese (Mn)	0.0003	mg/L	Sous-traitance	
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Dissolved Mercury (Hg)	0.00001	mg/L	Sous-traitance	
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	
Ammonia NH ₃ (non-ionized)	0.01	mg N/L	Sous-traitance	-
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Nickel (Ni)	0.0005	mg/L	Sous-traitance	
Nitrate (NO ₃)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO ₂)	0.01	mg N/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Dissolved Lead (Pb)	0.0003	mg/L	Sous-traitance	
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Dissolved Selenium (Se)	0.001	mg/L	Sous-traitance	
Dissolved Solids	1	mg/L	M-TIT-1.0	

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Detection limit

Lab number: V-71054

Sample name: ST-S-5

Sampling location: ST-S-5

Sampling date: December 04, 2017

Sampling hour: 09:00

Parameter	Value	Unit	Method	Accreditation
Sulfate (SO4)	0.6	mg SO4/L	Sous-traitance	Yes
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Dissolved thallium (Tl)	0.0008	mg/L	Sous-traitance	
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes
Dissolved Zinc	0.001	mg/L	Sous-traitance	

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Quality control Report

Lab number: V-71054

Sample name: ST-S-5

Sampling location: ST-S-5

Sampling date: December 04, 2017

Sampling hour: 09:00

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 146 Accuracy 99.3% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006
	Standard name DMR-0476-2017-22-Eu Result 7.41 Accuracy 81.8% Limit 5.02 - 7.52
Dissolved Aluminium (Al) mg/L	Blank <0.006
	Standard name DMR-0476-2017-22-Eu Result 6.94 Accuracy 89.3% Limit 5.02 - 7.52
Silver (Ag) mg/L	Blank <0.0001
Dissolved Silver (Ag) mg/L	Blank <0.0001
Arsenic (As) mg/L	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu Result 0.2767 Accuracy 97.4% Limit 0.199 - 0.369
Dissolved Arsenic (As) mg/L	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu Result 0.2873 Accuracy 98.8% Limit 0.199 - 0.369
Ammonia nitrogen (NH ₃ -NH ₄) m	Blank <0.01
	Standard name DMR-0581-2017-NH3 Result 2.18 Accuracy 97.7% Limit 1.81 - 2.45
Barium (Ba) mg/L	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu Result 2.434 Accuracy 99.8% Limit 1.94 - 2.92
Dissolved Barium (Ba) mg/L	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu Result 2.379 Accuracy 97.9%

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Quality control Report

Lab number: V-71054

Sample name: ST-S-5

Sampling location: ST-S-5

Sampling date: December 04, 2017

Sampling hour: 09:00

Parameter	
Cadmium (Cd) mg/L	Limit 1.94 - 2.92
	Blank <0.00002
	Standard name DMR-0476-2017-22-Eu
	Result 0.85756
	Accuracy 95.2%
Dissolved Cadmium (Cd) mg/L	Limit 0.721 - 1.081
	Blank <0.00002
	Standard name DMR-0476-2017-22-Eu
	Result 0.84137
	Accuracy 93.4%
Chloride mg/L	Limit 0.721 - 1.081
	Blank <0.5
	Standard name DMR-0581-2017-CL
	Result 115
	Accuracy 93.5%
Chrome (Cr) mg/L	Limit 95 - 121
	Blank <0.0006
	Standard name DMR-0476-2017-22-Eu
	Result 4.203
	Accuracy 96.2%
Dissolved Chromium (Cr) mg/L	Limit 3.24 - 4.86
	Blank <0.0006
	Standard name DMR-0476-2017-22-Eu
	Result 4.234
	Accuracy 95.5%
Copper (Cu) mg/L	Limit 3.24 - 4.86
	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu
	Result 1.318
	Accuracy 97%
Dissolved Copper (Cu) mg/L	Limit 1.02 - 1.54
	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu
	Result 1.333
	Accuracy 95.9%
Cyanide W.A.D. mg/L	Limit 1.02 - 1.54
	Blank <0.001
	Standard name DMR-0684
	Result 0.850
	Accuracy 96.3%

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Quality control Report

Lab number: V-71054

Sample name: ST-S-5

Sampling location: ST-S-5

Sampling date: December 04, 2017

Sampling hour: 09:00

Parameter	
Total Cyanide (CNT) mg/L	Limit 0.751 - 1.015
	Blank <0.001
	Standard name DMR-0684
	Result 1.01
	Accuracy 85.6%
Iron (Fe) mg/L	Limit 1.00 - 1.36
	Blank <0.01
	Standard name DMR-0476-2017-22-Eu
	Result 13.0
	Accuracy 86%
Dissolved Iron (Fe) mg/L	Limit 9.1 - 13.7
	Blank <0.01
	Standard name DMR-0476-2017-22-Eu
	Result 12.7
	Accuracy 88.6%
Fluoride (F) mg/L	Limit 9.1 - 13.7
	Blank <0.02
	Standard name Controle maison 2 ppm F
	Result 2.09
	Accuracy 95.5%
Total Suspended Solids mg/L	Limit 1.85 - 2.15
	Blank <1
	Standard name STD-MES 25mg/L
	Result 27
	Accuracy 92%
Manganese (Mn) mg/L	Limit 19 - 31
	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu
	Result 4.037
	Accuracy 96.5%
Dissolved Manganese (Mn) mg/L	Limit 3.12 - 4.68
	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu
	Result 4.042
	Accuracy 96.4%
Mercury (Hg) mg/L	Limit 3.12 - 4.68
	Blank <0.00001
	Standard name DMR-0581-2017-Eu
	Result 0.00149
	Accuracy 85.4%

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Quality control Report

Lab number: V-71054

Sample name: ST-S-5

Sampling location: ST-S-5

Sampling date: December 04, 2017

Sampling hour: 09:00

Parameter	
Dissolved Mercury (Hg) mg/L	Limit 0.0008 - 0.0018
	Sample duplicate 0.00009-0.00010
	Blank <0.00001
	Standard name DMR-0581-2017-Eu
	Result 0.00169
Molybdenum (Mo) mg/L	Accuracy 70%
	Limit 0.0008 - 0.0018
	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu
	Result 0.5992
Dissolved Molybdenum (Mo) mg/	Accuracy 84.6%
	Limit 0.566 - 0.850
	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu
	Result 0.6038
Ammonia NH3 (non-ionized) mg	Accuracy 85.3%
	Limit 0.566 - 0.850
	Blank <0.01
	Standard name DMR-0476-2017-22-Eu
	Result 1.085
Nickel (Ni) mg/L	Accuracy 95.2%
	Limit 0.91 - 1.37
	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu
	Result 1.101
Dissolved Nickel (Ni) mg/L	Accuracy 96.6%
	Limit 0.91 - 1.37
	Blank <0.01
	Standard name DMR-0581-2017-NO2
	Result 2.44
Nitrate (NO3) mg N/L	Accuracy 90%
	Limit 2.30 - 3.12
	Blank <0.0003
	Standard name DMR-0476-2017-22-Eu
	Result 0.9007
Nitrite (NO2) mg N/L	Accuracy 99.7%
	Limit 0.722 - 1.084
	Blank <0.0003
	Standard name DMR-0476-2017-22-Eu
	Result 0.9007
Lead (Pb) mg/L	Accuracy 99.7%
	Limit 0.722 - 1.084
	Blank <0.0003
	Standard name DMR-0476-2017-22-Eu
	Result 0.9007
Dissolved Lead (Pb) mg/L	Accuracy 99.7%
	Limit 0.722 - 1.084
	Blank <0.0003
	Standard name DMR-0476-2017-22-Eu
	Result 0.9007

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Quality control Report

Lab number: V-71054

Sample name: ST-S-5

Sampling location: ST-S-5

Sampling date: December 04, 2017

Sampling hour: 09:00

Parameter	
	Standard name DMR-0476-2017-22-Eu
	Result 0.8839
	Accuracy 97.9%
	Limit 0.722 - 1.084
Selenium (Se) mg/L	Blank <0.001
	Standard name DMR-0476-2017-22-Eu
	Result 1.39
	Accuracy 97%
	Limit 1.08 - 1.62
Dissolved Selenium (Se) mg/L	Blank <0.001
	Standard name DMR-0476-2017-22-Eu
	Result 1.39
	Accuracy 97%
	Limit 1.08 - 1.62
Sulfate (SO4) mg SO4/L	Blank <0.6
	Standard name DMR-0581-2017-SO4
	Result 126
	Accuracy 97.6%
	Limit 114 - 132
Thallium (Tl) mg/L	Blank <0.0008
	Standard name TI-S140909023-1000ppm
	Result 969
	Accuracy 96.9%
	Limit 800 - 1200
Dissolved thallium (Tl) mg/L	Blank <0.0008
	Standard name TI-S140909023-1000ppm
	Result 958
	Accuracy 95.8%
	Limit 800 - 1200
Zinc (Zn) mg/L	Blank <0.001
	Standard name DMR-0476-2017-22-Eu
	Result 4.37
	Accuracy 95.8%
	Limit 3.65 - 5.47
Dissolved Zinc mg/L	Blank <0.001
	Standard name DMR-0476-2017-22-Eu
	Result 4.40
	Accuracy 96.5%
	Limit 3.65 - 5.47

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Additional information

Lab number: V-71054
Sample name: ST-S-5
Sampling location: ST-S-5

Sampling date: December 04, 2017
Sampling hour: 09:00

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-NH3-2.0	MA.300-N 2.0
M-CL-2.0	MA.300-Ions 1.3
M-CN-1.0	MA.300-CN 1.2
M-CI-1.0	MA.300-Anions 1.0
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-SULF-2.0	MA.300-Ions 1.3

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-71055

Sampling location: ST-8/ST-MMER-3ab/65 01 11.2 N 96 02 32.0 W

Sampling date: December 04, 2017

Sample name: ST-8/ST-MMER-3ab Monthly

Sampling hour: 09:00

Sampled by: JK

Date received: December 05, 2017

Matrix: Water

Drinking water distribution:

Reported on: December 11, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Lab number: V-71055

Sample name: ST-8/ST-MMER-3ab Monthly

Sampling date: December 04, 2017

Sampling location: ST-8/ST-MMER-3ab/65 01 11.2 N 96 02 32.0 W

Sampling hour: 09:00

Parameter	Result	Method name	Analysis date
Aluminium (Al)	0.054 mg/L	Sous-traitance\Multilab Direct	December 08, 2017
Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	December 08, 2017
Copper (Cu)	0.0018 mg/L	Sous-traitance\Multilab Direct	December 08, 2017
Total Cyanide (CNT)	<0.001 mg/L	Sous-traitance\Multilab Direct	December 08, 2017
Total Suspended Solids	8 mg/L	M-SOLI-1.0	December 06, 2017
Nickel (Ni)	0.0006 mg/L	Sous-traitance\Multilab Direct	December 08, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	December 08, 2017
Sulfate (SO4)	6.8 mg SO4/L	Sous-traitance\Multilab Direct	December 08, 2017
Zinc (Zn)	<0.001 mg/L	Sous-traitance\Multilab Direct	December 08, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Detection limit

Lab number: V-71055

Sample name: ST-8/ST-MMER-3ab Monthly

Sampling date: December 04, 2017

Sampling location: ST-8/ST-MMER-3ab/65 01 11.2 N 96 02 32.0 W

Sampling hour: 09:00

Parameter	Value	Unit	Method	Accreditation
Aluminium (Al)	0.003	mg/L	Sous-traitance	
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Sulfate (SO4)	0.6	mg SO4/L	Sous-traitance	Yes
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Quality control Report

Lab number: V-71055

Sample name: ST-8/ST-MMER-3ab Monthly

Sampling date: December 04, 2017

Sampling location: ST-8/ST-MMER-3ab/65 01 11.2 N 96 02 32.0 W

Sampling hour: 09:00

Parameter

Aluminium (Al) mg/L
Blank <0.006
Standard name DMR-0476-2017-22-Eu
Result 7.41
Accuracy 81.8%
Limit 5.02 - 7.52

Arsenic (As) mg/L
Blank <0.0005
Standard name DMR-0476-2017-22-Eu
Result 0.2767
Accuracy 97.4%
Limit 0.199 - 0.369

Copper (Cu) mg/L
Blank <0.0005
Standard name DMR-0476-2017-22-Eu
Result 1.318
Accuracy 97%
Limit 1.02 - 1.54

Total Cyanide (CNT) mg/L
Blank <0.001
Standard name DMR-0684
Result 1.01
Accuracy 85.6%
Limit 1.00 - 1.36

Total Suspended Solids mg/L
Blank <1
Standard name STD-MES 25mg/L
Result 27
Accuracy 92%
Limit 19 - 31

Nickel (Ni) mg/L
Blank <0.0005
Standard name DMR-0476-2017-22-Eu
Result 1.085
Accuracy 95.2%
Limit 0.91 - 1.37

Lead (Pb) mg/L
Blank <0.0003
Standard name DMR-0476-2017-22-Eu
Result 0.9007
Accuracy 99.7%
Limit 0.722 - 1.084

Sulfate (SO4) mg SO4/L
Blank <0.6
Standard name DMR-0581-2017-SO4
Result 126
Accuracy 97.6%
Limit 114 - 132

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Additional information

Lab number: V-71055

Sample name: ST-8/ST-MMER-3ab Monthly

Sampling date: December 04, 2017

Sampling location: ST-8/ST-MMER-3ab/65 01 11.2 N 96 02 32.0 W

Sampling hour: 09:00

Lab method	Method reference
M-MET-3.0	MA.200-Mét. 1.2
M-CN-1.0	MA.300-CN 1.2
M-SOLI-1.0	MA.104-S.S. 1.1
M-SULF-2.0	MA.300-Ions 1.3

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: M-123501

Sampling location: STP-LJMIX

Sampling date: December 11, 2017

Sample name: STP-LJMIX

Sampling hour: 09:30

Sampled by: Martin T.

Date received: December 13, 2017

Matrix: Waste water

Reported on: December 18, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Lab number: M-123501

Sample name: STP-LJMIX

Sampling location: STP-LJMIX

Sampling date: December 11, 2017

Sampling hour: 09:30

Parameter	Result	Method name	Analysis date
Fecal coliforms	3 800 CFU/100ml	M-COLI-1,0	December 13, 2017
Total coliforms	30 000 CFU/100ml	M-COLI-2,0	December 13, 2017
Atypical colonies	44 000 CFU/100ml	M-COLI-2,0	December 13, 2017
Temperature	12 °C	M-TEMP-1.0	December 13, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Additional information



Lab number: M-123501

Sample name: STP-LJMIX

Sampling location: STP-LJMIX

Sampling date: December 11, 2017

Sampling hour: 09:30

State of the sample at reception : Temperature equal at 12°C.

Lab method	Method reference
M-COLI-1,0	MA.700-Ecctmi 1.0
M-COLI-2,0	MA.700-Ecctmi 1.0

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

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Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: M-123500

Sampling location: STP-IN

Sampling date: December 11, 2017

Sample name: STP-IN

Sampling hour: 09:30

Sampled by: Martin T

Date received: December 13, 2017

Matrix: Waste water

Reported on: December 18, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Lab number: M-123500

Sample name: STP-IN

Sampling date: December 11, 2017

Sampling location: STP-IN

Sampling hour: 09:30

Parameter	Result	Method name	Analysis date
Fecal coliforms	4 600 000 CFU/100ml	M-COLI-1,0	December 13, 2017
Total coliforms	59 000 000 CFU/100ml	M-COLI-2,0	December 13, 2017
Atypical colonies	41 000 000 CFU/100ml	M-COLI-2,0	December 13, 2017
Temperature	12 °C	M-TEMP-1.0	December 13, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Additional information



Lab number: M-123500

Sample name: STP-IN

Sampling location: STP-IN

Sampling date: December 11, 2017

Sampling hour: 09:30

State of the sample at reception : Temperature equal at 12°C.

Lab method	Method reference
M-COLI-1,0	MA.700-Ecctmi 1.0
M-COLI-2,0	MA.700-Ecctmi 1.0

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

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Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-71236

Sampling location: STP-IN

Sampling date: December 11, 2017

Sample name: STP-IN

Sampling hour: 09:30

Sampled by: Martin T

Date received: December 13, 2017

Matrix: Waste Water

Drinking water distribution:

Reported on: December 21, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Lab number: V-71236

Sample name: STP-IN

Sampling location: STP-IN

Sampling date: December 11, 2017

Sampling hour: 09:30

Parameter	Result	Method name	Analysis date
Ammonia nitrogen (NH ₃ -NH ₄)	79.6 mg N/L	Sous-traitance\Multilab Direct	December 15, 2017
Kjeldahl nitrogen	93.3 mg N/L	Sous-traitance\Multilab Direct	December 18, 2017
BOD-5	205 mg/L	Sous-traitance\H2Lab inc. (SAM)	December 15, 2017
COD	460 mg/L	Sous-traitance\H2Lab inc. (SAM)	December 18, 2017
Total Suspended Solids	105 mg/L	M-SOLI-1.0	December 14, 2017
Ammonia NH ₃ (non-ionized)	0.54 mg N/L	Sous-traitance\Multilab Direct	December 15, 2017
Nitrate (NO ₃)	0.03 mg N/L	Sous-traitance\Multilab Direct	December 15, 2017
Nitrite (NO ₂)	0.04 mg N/L	Sous-traitance\Multilab Direct	December 15, 2017
Total Phosphorus (P)	8.97 mg P/L	Sous-traitance\Multilab Direct	December 15, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Detection limit

Lab number: V-71236

Sample name: STP-IN

Sampling location: STP-IN

Sampling date: December 11, 2017

Sampling hour: 09:30

Parameter	Value	Unit	Method	Accreditation
Ammonia nitrogen (NH ₃ -NH ₄)	0.01	mg N/L	Sous-traitance	Yes
Kjeldahl nitrogen	0.05	mg N/L	Sous-traitance	Yes
BOD-5	1	mg/L	Sous-traitance	
COD	7	mg/L	Sous-traitance	
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Ammonia NH ₃ (non-ionized)	0.01	mg N/L	Sous-traitance	-
Nitrate (NO ₃)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO ₂)	0.01	mg N/L	Sous-traitance	Yes
Total Phosphorus (P)	0.01	mg P/L	Sous-traitance	Yes

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Additional information

Lab number: V-71236
Sample name: STP-IN
Sampling location: STP-IN

Sampling date: December 11, 2017
Sampling hour: 09:30

Lab method	Method reference
M-NH3-2.0	MA.300-N 2.0
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-P-3.0	MA. 315-P 2.0

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-71237

Sampling location: STP-LJMIX

Sampling date: December 11, 2017

Sample name: STP-LJMIX

Sampling hour: 09:30

Sampled by: Martin T.

Date received: December 13, 2017

Matrix: Waste Water

Drinking water distribution:

Reported on: December 21, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Lab number: V-71237

Sample name: STP-LJMIX

Sampling location: STP-LJMIX

Sampling date: December 11, 2017

Sampling hour: 09:30

Parameter	Result	Method name	Analysis date
Ammonia nitrogen (NH ₃ -NH ₄)	6.56 mg N/L	Sous-traitance\Multilab Direct	December 15, 2017
Kjeldahl nitrogen	13.5 mg N/L	Sous-traitance\Multilab Direct	December 18, 2017
BOD-5	25 mg/L	Sous-traitance\H2Lab inc. (SAM)	December 15, 2017
COD	106 mg/L	Sous-traitance\H2Lab inc. (SAM)	December 18, 2017
Total Suspended Solids	31 mg/L	M-SOLI-1.0	December 14, 2017
Ammonia NH ₃ (non-ionized)	0.04 mg N/L	Sous-traitance\Multilab Direct	December 15, 2017
Nitrate (NO ₃)	6.72 mg N/L	Sous-traitance\Multilab Direct	December 15, 2017
Nitrite (NO ₂)	1.43 mg N/L	Sous-traitance\Multilab Direct	December 15, 2017

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Detection limit

Lab number: V-71237

Sample name: STP-LJMIX

Sampling location: STP-LJMIX

Sampling date: December 11, 2017

Sampling hour: 09:30

Parameter	Value	Unit	Method	Accreditation
Ammonia nitrogen (NH ₃ -NH ₄)	0.01	mg N/L	Sous-traitance	Yes
Kjeldahl nitrogen	0.05	mg N/L	Sous-traitance	Yes
BOD-5	1	mg/L	Sous-traitance	
COD	7	mg/L	Sous-traitance	
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Ammonia NH ₃ (non-ionized)	0.01	mg N/L	Sous-traitance	-
Nitrate (NO ₃)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO ₂)	0.01	mg N/L	Sous-traitance	Yes

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Additional information

Lab number: V-71237
Sample name: STP-LJMIX
Sampling location: STP-LJMIX

Sampling date: December 11, 2017
Sampling hour: 09:30

Lab method	Method reference
M-NH3-2.0	MA.300-N 2.0
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: M-123502

Sampling location: STP-SEP

Sampling date: December 11, 2017

Sample name: STP-SEP

Sampling hour: 09:30

Sampled by: Martin T.

Date received: December 13, 2017

Matrix: Waste water

Reported on: December 18, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
This report shall not be reproduced except in full without the written authority of the laboratory.



Analytical Report

Lab number: M-123502

Sample name: STP-SEP

Sampling location: STP-SEP

Sampling date: December 11, 2017

Sampling hour: 09:30

Parameter	Result	Method name	Analysis date
Fecal coliforms	30 CFU/100ml	M-COLI-1,0	December 13, 2017
Total coliforms	90 000 CFU/100ml	M-COLI-2,0	December 13, 2017
Atypical colonies	190 000 CFU/100ml	M-COLI-2,0	December 13, 2017
Temperature	12 °C	M-TEMP-1.0	December 13, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Additional information



Lab number: M-123502

Sample name: STP-SEP

Sampling location: STP-SEP

Sampling date: December 11, 2017

Sampling hour: 09:30

State of the sample at reception : Temperature equal at 12°C.

Lab method	Method reference
M-COLI-1,0	MA.700-Ecctmi 1.0
M-COLI-2,0	MA.700-Ecctmi 1.0

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-71238

Sampling location: STP-SEP

Sampling date: December 11, 2017

Sample name: STP-SEP

Sampling hour: 09:30

Sampled by: Martin T.

Date received: December 13, 2017

Matrix: Waste Water

Drinking water distribution:

Reported on: December 21, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
This report shall not be reproduced except in full without the written authority of the laboratory.



Analytical Report

Lab number: V-71238

Sample name: STP-SEP

Sampling location: STP-SEP

Sampling date: December 11, 2017

Sampling hour: 09:30

Parameter	Result	Method name	Analysis date
Ammonia nitrogen (NH ₃ -NH ₄)	55.6 mg N/L	Sous-traitance\Multilab Direct	December 15, 2017
Kjeldahl nitrogen	57.4 mg N/L	Sous-traitance\Multilab Direct	December 18, 2017
BOD-5	11 mg/L	Sous-traitance\H2Lab inc. (SAM)	December 15, 2017
COD	86 mg/L	Sous-traitance\H2Lab inc. (SAM)	December 18, 2017
Total Suspended Solids	26 mg/L	M-SOLI-1.0	December 14, 2017
Ammonia NH ₃ (non-ionized)	1.39 mg N/L	Sous-traitance\Multilab Direct	December 15, 2017
Nitrate (NO ₃)	2.85 mg N/L	Sous-traitance\Multilab Direct	December 15, 2017
Nitrite (NO ₂)	1.14 mg N/L	Sous-traitance\Multilab Direct	December 15, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

This report shall not be reproduced except in full without the written authority of the laboratory.



Detection limit

Lab number: V-71238

Sample name: STP-SEP

Sampling location: STP-SEP

Sampling date: December 11, 2017

Sampling hour: 09:30

Parameter	Value	Unit	Method	Accreditation
Ammonia nitrogen (NH ₃ -NH ₄)	0.01	mg N/L	Sous-traitance	Yes
Kjeldahl nitrogen	0.05	mg N/L	Sous-traitance	Yes
BOD-5	1	mg/L	Sous-traitance	
COD	7	mg/L	Sous-traitance	
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Ammonia NH ₃ (non-ionized)	0.01	mg N/L	Sous-traitance	-
Nitrate (NO ₃)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO ₂)	0.01	mg N/L	Sous-traitance	Yes

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Additional information

Lab number: V-71238
Sample name: STP-SEP
Sampling location: STP-SEP

Sampling date: December 11, 2017
Sampling hour: 09:30

Lab method	Method reference
M-NH3-2.0	MA.300-N 2.0
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-71210

Sampling location: ST-8/ST-MMER-3a Weekly65°01'11.2"N96°02'32.0

Sampling date: December 11, 2017

Sample name: ST-8/ST-MMER-3a Weekly

Sampling hour: 09:00

Sampled by: Fanny L.

Date received: December 12, 2017

Matrix: Water

Reported on: December 13, 2017

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Lab number: V-71210

Sample name: ST-8/ST-MMER-3a Weekly

Sampling date: December 11, 2017

Sampling location: ST-8/ST-MMER-3a Weekly 65°01'11.2"N 96°02'32.0"W

Sampling hour: 9:00

Parameter	Result	Method name	Analysis date
Total Suspended Solids	10 mg/L	M-SOLI-1.0	December 13, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

This report shall not be reproduced except in full without the written authority of the laboratory.



Additional information

Lab number: V-71210

Sample name: ST-8/ST-MMER-3a Weekly

Sampling date: December 11, 2017

Sampling location: ST-8/ST-MMER-3aWeekly65°01'11.2"N96°02'32.0"W

Sampling Hour : 900

Lab method	Method reference
M-SOLI-1.0	MA.104-S.S. 1.1

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-71472

Sampling location: ST-8/ST-MMER-3a Monthly 650111.2N9602

Sampling date: December 19, 2017

Sample name: ST-8/ST-MMER-3a Monthly

Sampling hour: 08:15

Sampled by: Fanny Laporte

Date received: December 20, 2017

Matrix: Water

Reported on: January 23, 2018

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
This report shall not be reproduced except in full without the written authority of the laboratory.



Analytical Report

Lab number: V-71472

Sample name: ST-8/ST-MMER-3a Monthly

Sampling date: December 19, 2017

Sampling location: ST-8/ST-MMER-3a Monthly 650111.2N9602

Sampling hour: 08:15

Parameter	Result	Method name	Analysis date
Aluminium (Al)	0.028 mg/L	Sous-traitance\Multilab Direct	January 05, 2018
Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	January 05, 2018
Copper (Cu)	0.0013 mg/L	Sous-traitance\Multilab Direct	January 05, 2018
Total Cyanide (CNT)	<0.001 mg/L	Sous-traitance\Multilab Direct	December 22, 2017
Total Suspended Solids	2 mg/L	M-SOLI-1.0	December 21, 2017
Nickel (Ni)	0.0005 mg/L	Sous-traitance\Multilab Direct	January 05, 2018
Lead (Pb)	0.0067 mg/L	Sous-traitance\Multilab Direct	January 05, 2018
Radium (Ra 226)	<0.002 Becquerels/L	M-RA-2.0	January 23, 2018
Sulfate (SO4)	7.7 mg SO4/L	Sous-traitance\Multilab Direct	December 22, 2017
Zinc (Zn)	0.002 mg/L	Sous-traitance\Multilab Direct	January 05, 2018

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Detection limit

Lab number: V-71472

Sample name: ST-8/ST-MMER-3a Monthly

Sampling date: December 19, 2017

Sampling location: ST-8/ST-MMER-3a Monthly 650111.2N9602

Sampling hour: 08:15

Parameter	Value	Unit	Method	Accreditation
Aluminium (Al)	0.003	mg/L	Sous-traitance	
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Radium (Ra 226)	0.002	Becquerels/L	M-RA-2.0	Yes
Sulfate (SO4)	0.6	mg SO4/L	Sous-traitance	Yes
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Quality control Report

Lab number: V-71472

Sample name: ST-8/ST-MMER-3a Monthly

Sampling date: December 19, 2017

Sampling location: ST-8/ST-MMER-3a Monthly 650111.2N9602

Sampling hour: 08:15

Parameter	
Aluminium (Al) mg/L	Blank <0.006 Standard name DMR-0476-2017-22-Eu Result 6.32 Accuracy 99.2% Limit 5.02 - 7.52
Arsenic (As) mg/L	Blank <0.0005 Standard name DMR-0476-2017-22-Eu Result 0.2826 Accuracy 99.5% Limit 0.199 - 0.369
Copper (Cu) mg/L	Blank <0.0005 Standard name DMR-0476-2017-22-Eu Result 1.363 Accuracy 93.5% Limit 1.02 - 1.54
Total Cyanide (CNT) mg/L	Blank <0.001 Standard name DMR-0684 Result 1.14 Accuracy 96.6% Limit 1.00 - 1.36
Total Suspended Solids mg/L	Blank <1 Standard name STD-MES 250mg/L Result 248 Accuracy 99.2% Limit 194 - 306
Total Suspended Solids mg/L	Standard name STD-MES 25mg/L Result 22 Accuracy 88% Limit 19 - 31
Nickel (Ni) mg/L	Blank <0.0005 Standard name DMR-0476-2017-22-Eu Result 1.146 Accuracy 99.5% Limit 0.91 - 1.37
pH	Standard name STD pH 7.0 Result 7.02 Accuracy 99.7% Limit 6.96 - 7.04
Lead (Pb) mg/L	Blank <0.0003 Standard name DMR-0476-2017-22-Eu

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Quality control Report

Lab number: V-71472

Sample name: ST-8/ST-MMER-3a Monthly

Sampling date: December 19, 2017

Sampling location: ST-8/ST-MMER-3a Monthly 650111.2N9602

Sampling hour: 08:15

Parameter

Radium (Ra 226) Becquerels/L
Result 0.9439
Accuracy 95.5%
Limit 0.722 - 1.084
Blank <0.002
Standard name STD70344

Sulfate (SO4) mg SO4/L
Result 0.0780
Accuracy 85.9%
Limit 0.0772 - 0.1044
Blank <0.6
Standard name DMR-0684-2017-SO4

Zinc (Zn) mg/L
Result 130
Accuracy 94.3%
Limit 114 - 132
Blank <0.001
Standard name DMR-0476-2017-22-Eu

Result 4.45
Accuracy 97.6%
Limit 3.65 - 5.47

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Additional information

Lab number: V-71472

Sample name: ST-8/ST-MMER-3a Monthly

Sampling date: December 19, 2017

Sampling location: ST-8/ST-MMER-3a Monthly 650111.2N9602:

Sampling hour: 08:15

Lab method	Method reference
M-MET-3.0	MA.200-Mét. 1.2
M-CN-1.0	MA.300-CN 1.2
M-SOLI-1.0	MA.104-S.S. 1.1
M-RA-2.0	APHA 7500-Ra B et EPA P.13 (EMSL-CI)
M-SULF-2.0	MA.300-Ions 1.3

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-71473

Sampling location: East dike N650111.2W960232.0

Sampling date: December 19, 2017

Sample name: ST-EEM-3a

Sampling hour: 08:15

Sampled by: Fanny Laporte

Date received: December 20, 2017

Matrix: Waste Water

Reported on: January 10, 2018

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Lab number: V-71473

Sample name: ST-EEM-3a

Sampling date: December 19, 2017

Sampling location: East dike N650111.2W960232.0

Sampling hour: 08:15

Parameter	Result	Method name	Analysis date
Alkalinity	27 mg CaCO3/L	M-TIT-1.0	December 20, 2017
Aluminium (Al)	0.052 mg/L	Sous-traitance\Multilab Direct	January 05, 2018
Ammonia nitrogen (NH3-NH4)	0.02 mg N/L	Sous-traitance\Multilab Direct	December 22, 2017
Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	January 05, 2018
Hardness	24 mg CaCO3/L	Sous-traitance\Multilab Direct	January 05, 2018
Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	January 04, 2018
Molybdenum (Mo)	<0.0005 mg/L	Sous-traitance\Multilab Direct	January 05, 2018
Ammonia NH3 (non-ionized)	<0.01 mg N/L	Sous-traitance\Multilab Direct	December 22, 2017
Nitrate (NO3)	0.07 mg N/L	Sous-traitance\Multilab Direct	December 21, 2017
Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	January 05, 2018
Iron (Fe)	0.041 mg/L	Sous-traitance\Techni-Lab ActLabs	January 09, 2018

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Detection limit

Lab number: V-71473

Sample name: ST-EEM-3a

Sampling date: December 19, 2017

Sampling location: East dike N650111.2W960232.0

Sampling hour: 08:15

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO3/L	M-TIT-1.0	
Aluminium (Al)	0.003	mg/L	Sous-traitance	
Ammonia nitrogen (NH3-NH4)	0.01	mg N/L	Sous-traitance	Yes
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO3/L	Sous-traitance	
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Ammonia NH3 (non-ionized)	0.01	mg N/L	Sous-traitance	-
Nitrate (NO3)	0.01	mg N/L	Sous-traitance	Yes
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Iron (Fe)	0.01	mg/L	Sous-traitance	

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Quality control Report

Lab number: V-71473

Sample name: ST-EEM-3a

Sampling date: December 19, 2017

Sampling location: East dike N650111.2W960232.0

Sampling hour: 08:15

Parameter	
Alkalinity mg CaCO3/L	Standard name STD alcalinité Result 151 Accuracy 95.9% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006 Standard name DMR-0476-2017-22-Eu Result 6.32 Accuracy 99.2% Limit 5.02 - 7.52
Ammonia nitrogen (NH3-NH4) mg N/L	Blank <0.01 Standard name DMR-0581-2017-NH3 Result 2.43 Accuracy 85.9% Limit 1.81 - 2.45 Sample duplicate 0.02-0.02
Cadmium (Cd) mg/L	Blank <0.00002 Standard name DMR-0476-2017-22-Eu Result 0.87044 Accuracy 96.6% Limit 0.721 - 1.081
Mercury (Hg) mg/L	Blank <0.00001 Standard name DMR-0684-2017-Eu Result 0.00099 Accuracy 76.2% Limit 0.0008 - 0.0018
Molybdenum (Mo) mg/L	Blank <0.0005 Standard name DMR-0476-2017-22-Eu Result 0.6294 Accuracy 88.9% Limit 0.566 - 0.850
Ammonia NH3 (non-ionized) mg N/L	Blank <0.01 Sample duplicate <0.01-<0.01
Nitrate (NO3) mg N/L	Blank <0.01 Standard name STD pH 7.0 Result 7.02 Accuracy 99.7% Limit 6.96 - 7.04
pH	Blank <0.001 Standard name DMR-0476-2017-22-Eu Result 1.30
Selenium (Se) mg/L	Blank <0.001 Standard name DMR-0476-2017-22-Eu Result 1.30

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Additional information

Lab number: V-71473

Sample name: ST-EEM-3a

Sampling location: East dike N650111.2W960232.0

Sampling date: December 19, 2017

Sampling hour: 08:15

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-NH3-2.0	MA.300-N 2.0
M-NITR-2.0	MA.300-NO3 2.0

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: C-223280

Sampling location: 65°01'11.2" N , 96°02'32.0"W

Sampling date: December 27, 2017

Sample name: ST-8/ST-MMER-3a Weekly

Sampling hour: 08:00

Sampled by: Jamie Kataluk

Date received: December 28, 2017

Matrix: Water

Reported on: January 04, 2018

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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Analytical Report

Lab number: C-223280

Sample name: ST-8/ST-MMER-3a Weekly

Sampling date: December 27, 2017

Sampling location: 65°01'11.2" N , 96°02'32.0"W

Sampling hour: 08:00

Parameter	Result	Method name	Analysis date
Total Suspended Solids	4 mg/L	M-SOLI-1.0	December 28, 2017

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Detection limit

Lab number: C-223280

Sample name: ST-8/ST-MMER-3a Weekly

Sampling date: December 27, 2017

Sampling location: 65°01'11.2" N , 96°02'32.0"W

Sampling hour: 08:00

Parameter	Value	Unit	Method	Accreditation
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Additional information

Lab number: C-223280

Sample name: ST-8/ST-MMER-3a Weekly

Sampling date: December 27, 2017

Sampling location: 65°01'11.2" N , 96°02'32.0"W

Sampling hour: 08:00

Sampling location : 65°01'11.2" N, 96°02'32.0"W

Lab method	Method reference
M-SOLI-1.0	MA.104-S.S. 1.1

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Additional information

Lab number: V-66006

Sample name: ST-EEM-2a FB

Sampling date: July 24, 2017

Sampling location: ST-EEM-2a N 65 04.11.74 W 95 58.51.01

Sampling hour: 08:00

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-NH3-2.0	MA.300-N 2.0
M-NITR-2.0	MA.300-NO3 2.0

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

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Client : 6088 H2LAB

Job Number: B746069

Client Project Name & Number: -

No. d'échantillon : EJ2124-02

Test Result:

48 hrs LC50 %v/v (95% CL): >100 (N/A) Statistical Method: Visual

Toxic Units: <1.0

48 hrs EC50 %v/v (95% CL): >100 (N/A) Statistical Method: Visual

Comment: non-toxique

Sample Name : 66286 (ST-10/ST-MMER-2)

Sample Matrix : WATER

Description: incolore, translucide, inodore, aucun solide

Sample Prior to Analysis:

Sample Collected: Aug 01, 2017 09:30 AM

Sampling Method : Grab

pH: 7.2

Sample Collected By: TOM T

Site Collection: ST-10 65.01.11.2..N

Temperature : 20 °C

Sample Received: Aug 03, 2017 11:30 AM

Volume Received: 1L

Dissolved Oxygen: 9.9 mg/L

Analysis Start : Aug 05, 2017 12:50 PM

Temp. Upon Arrival: 20 °C

Sample Conductance: 217 µS/cm

End : Aug 07, 2017 02:25 PM

Storage: 2-6°C

Hardness: 86 mg CaCO₃/L

Concentration	Temperature (°C)	pH (pH)	Conductivity (µS/cm)	Dissolved oxygen (mg/L)	Temperature (°C)	pH (pH)	Dissolved oxygen (mg/L)	Immobility (#)	Immobility (%)	Mortality (#)	Mortality (%)
%v/v	Initial	Initial	Initial	Initial	48 hrs	48 hr	48 hrs	48 hrs	48 hrs	48 hrs	48 hrs
0	19	7.9	447	8.8	18	7.4	9.0	0	0	0	0
6.25	19	7.9	460	8.7	18	7.5	8.9	0	0	0	0
12.5	19	7.9	455	8.9	18	7.6	9.0	0	0	0	0
25	19	7.9	419	9.0	18	7.7	9.0	0	0	0	0
50	19	7.8	352	9.2	19	7.7	9.0	0	0	1	10.0
100	19	7.6	221	9.7	18	7.7	9.0	0	0	0	0

Comments :

Culture/Control/Dilution Water:

Reconstituted water for Daphnia

Hardness:

175 mg/l CaCO₃

Other parameters available on request.

Test Conditions

Test concentration : 0,6.25,12.5,25,50,100 (%v/v)

Organisms per Vessel : 10

Pre-aeration Time : 30 min

Rate of Pre-aeration : 40±5 mL/min/L

Total # of Organisms Used : 60

Test Temperature : 20 ± 2 °C

Test Hardness Adjusted : No

Test Volume : 150 mL

Vessel Volume : 270 ml

Test pH Adjusted: No

Loading Density : 15.0 mL/Daphnia

Photoperiod : 16 hours of light; 8 hours of darkness

Test Organism :

Daphnia magna

Source : Maxxam Lab Culture

Age at Test Initiation : <24 hres

Average Brood Size : 16.8

Culture Photoperiod : 16 hours of light; 8 hours of darkness

% Mortality within 7 days : 1.0

Culture Temperature : 20 ± 2 °C

Time To First Brood : 8 Days

Culture Diet

Fed once a day.

Reference chemical:

Potassium Dichromate

Test Date:

Aug 07, 2017

Test Endpoint 48 hrs LC50 (95% confidence interval) :

0.16 (0.063, 0.25)mg/L

Statistical Method :

Binomial

Historical Mean LC50 (warning limits) :

0.20 (0.11, 0.35) mg/L

Concentration : 0,0.0625,0.125,0.25,0.5,1 mg/L

Test Method

QUE SOP-00406. Reference Method for Determining Acute Lethality of Effluents to Daphnia magna. EPS1/RM/14 - Second Edition. Environment Canada. 2000.

This is essentially a 48H static test. Ten individuals are submitted to different effluent concentrations in order to measure the LC50 in controlled temperature, light intensity and loading density.

Method Deviations:

Aucune

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Client : 6088 H2LAB

Job Number: B746069

Client Project Name & Number: -

No. d'échantillon : EJ2124-02

Analyst : Angela Paquet-Walsh, Véronique Fournier

Alexandra Côté

Verified By : Alexandra Côté, B.Sc. Biologist

Date: Aug 17, 2017 08:13 AM

The results contained in this report refer only to the testing of the sample submitted. This report may not be reproduced, except in its entirety, without the written approval of the laboratory.