

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 (NO ₃)	0.37 mg N/L	Sous-traitance\Multilab Direct	June 09, 2017
Nitrite (NO ₂)	2.09 mg N/L	Sous-traitance\Multilab Direct	June 08, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	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 NH ₃ (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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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.
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Analytical Report

Lab number: M-117737

Sample name: STP-IN Dup

Sampling location: STP-IN

Sampling date: March 06, 2017

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.

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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 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-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.

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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.
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Analytical Report

Lab number: M-117739

Sample name: STP-LJMIX Dup

Sampling location: STP-LJMIX

Sampling date: March 06, 2017

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



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 (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

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.

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-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 location: STP-LJMIX

Sampling date: March 06, 2017

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 (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

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 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-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 (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

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

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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
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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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 (NH ₃ -NH ₄) (M-NH ₃ -2.0) a 1		10,10	0,01	mg N/L		2017-05-04
NH ₃ (Unionized) (M-NH ₃ -2.0 (Caculé)) a 1		0,02	0,01	mg N/L		2017-05-04
Nitrate (NO ₃) (M-NITR-2.0) a 1		17,0	0,01	mg N/L		2017-05-03
Nitrite (NO ₂) (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
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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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 (Caculé)) 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-NK	Kjeldahl 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
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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Client # : 990

Client Reference : STP-SEP

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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 (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-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	
	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
	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

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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-NO ₂
	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-SO ₄
	Result 122
	Accuracy 99.2%
	Limit 111 - 135
Thallium (Tl) mg/L	Blank <0.0008
	Standard name Tl-S140909023-1000ppm
	Result 927
	Accuracy 92.7%
	Limit 800 - 1200
Dissolved thallium (Tl) mg/L	Blank <0.0008
	Standard name Tl-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

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 location: ST-21 South

Sampling date: January 03, 2017

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 location: ST-21 South

Sampling date: January 03, 2017

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 location: ST-21 South

Sampling date: January 03, 2017

Sampling hour: 08:30

Parameter	
Manganese (Mn) mg/L	Result 226
	Accuracy 90.4%
	Limit 194 - 306
	Blank <0.0005
	Standard name DMR-0614-2016-Eu
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 NH ₃ (non-ionized) mg	Result 0.6375
	Accuracy 90%
	Limit 0.566 - 0.850
	Blank <0.01
	Standard name DMR-0614-2016-Eu
Nickel (Ni) mg/L	Result 1.220
	Accuracy 93%
	Limit 0.91 - 1.37
	Blank <0.0005
	Standard name DMR-0614-2016-Eu

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

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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 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 (Tl) mg/L	Blank <0.0008
	Standard name Tl-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

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: 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

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.

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

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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.

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

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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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 location: ST-21

Sampling date: March 06, 2017

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 (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
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 location: ST-21

Sampling date: March 06, 2017

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%

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

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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 location: ST-21

Sampling date: March 06, 2017

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
Dissolved Nickel (Ni) mg/L	Accuracy 88%
	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1117
Nitrate (NO3) mg N/L	Accuracy 88.3%
	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-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 location: ST-21

Sampling date: March 06, 2017

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

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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 (SO ₄)	1950 mg SO ₄ /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 (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-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 (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
Barium (Ba) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0950 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.



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
Sample duplicate 8-7	
Manganese (Mn) mg/L	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 NH ₃ (non-ionized) mg	Limit 0.0800 - 0.1200
	Blank <0.01
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1120
Nickel (Ni) mg/L	Accuracy 88%
	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1117
Dissolved Nickel (Ni) mg/L	Accuracy 88.3%
	Limit 0.0800 - 0.1200
	Blank <0.01
	Blank <0.01
	Standard name DMR-0052-2017-NO ₂
Nitrate (NO ₃) mg N/L	Result 1.97
	Accuracy 97.5%
	Limit 1.72 - 2.32
	Blank <0.0003
	Standard name C00-046-705_X_1000
Nitrite (NO ₂) mg N/L	
Lead (Pb) mg/L	

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 Tl-S140909023-1000ppm
Dissolved thallium (Tl) mg/L	Result 924
	Accuracy 92.4%
	Limit 800 - 1200
	Blank <0.0008
	Standard name Tl-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

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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

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-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	ST-MMER-3a Weekly	ST-MMER-3a Weekly DUP	ST-MMER-3a Weekly FB
	Identification (Sample #)	ST-MMER-3a Weekly	ST-MMER-3a Weekly DUP	ST-MMER-3a Weekly FB
	Sampling site	65°01'11.2"N 96°02'32.0"W	65°01'11.2"N 96°02'32.0"W	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

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



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

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/ST-MMER-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

Description: transparent, translucide, peu de solides

Sample Matrix : WASTE WATER

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

Sample Number: DU5480-01

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

Site Collection: ST-MMER-3b

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

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

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

Dissolved Oxygen: 10.5 mg/L

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 (<i>Oncorhynchus mykiss</i>)	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	

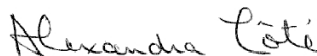
Reference chemical:	Phenol	Test Date:	Apr 03, 2017
Test Endpoint 96 hrs LC50 (95% confidence interval) :	9.79 (6.00, 13.0)mg/L	Statistical Method :	Binomial
Historical Mean LC50 (warning limits) :	10.2 (7.37, 14.0) mg/L	Concentration :	0,4,6,9,13,18 mg/L

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 (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	7.5	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

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Client : 4299 MULTILAB - VAL-D'OR

Job Number: B717313

Client Project Name & Number: -

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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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 (Caculé)) 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
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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Certificat # : VD000588

Client # : 990

Client Reference : N/A

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 # : 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 CaCO ₃ /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 (NH ₃ -NH ₄) (M-NH ₃ -2.0) a 1	29,41	0,01	mg N/L	2017-04-07
NH ₃ (Unionized) (M-NH ₃ -2.0 (Caculé)) a 1	0,28	0,01	mg N/L	2017-04-07
Nitrate (NO ₃) (M-NITR-2.0) a 1	< 0,01	0,01	mg N/L	2017-04-05
Nitrite (NO ₂) (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 (SO ₄) (M-SULF-2.0) a 1	1968	0,6	mg SO ₄ /L	2017-04-06
Alkalinity (M-TIT-1.0) 2	130	2	mg CaCO ₃ /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

Material	Reference	Parameter	Result	Expected value
DMR-0119-2017-Cl		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

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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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Certificat # : VD000593

Client # : 990

Client Reference : N/A

Hardness (M-MET-3.0) 1	< 1	1	mg CaCO ₃ /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 (NH ₃ -NH ₄) (M-NH ₃ -2.0) a 1	0,01	0,01	mg N/L	2017-04-07
NH ₃ (Unionized) (M-NH ₃ -2.0 (Caculé)) a 1	< 0,01	0,01	mg N/L	2017-04-07
Nitrate (NO ₃) (M-NITR-2.0) a 1	< 0,01	0,01	mg N/L	2017-04-05
Nitrite (NO ₂) (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 (SO ₄) (M-SULF-2.0) a 1	5,0	0,6	mg SO ₄ /L	2017-04-06
Alkalinity (M-TIT-1.0) 2	6	2	mg CaCO ₃ /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 (SO ₄)	< 0,6



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Certificat # : VD000593

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-Cl		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 pm		Thallium (Tl)	932,0000	1000
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

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 # : 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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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 CaCO ₃ /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 (NH ₃ -NH ₄) (M-NH ₃ -2.0) a 1		0,01	0,01	mg N/L	-	2017-04-07
NH ₃ (Unionized) (M-NH ₃ -2.0 (Calculé)) a 1		< 0,01	0,01	mg N/L	-	2017-04-07
Nitrate (NO ₃) (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 CaCO ₃ /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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Certificate # : VD000553 R1

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 CaCO ₃ /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 (NH ₃ -NH ₄) (M-NH ₃ -2.0) a 1		0,03	0,01	mg N/L	-	2017-04-07
NH ₃ (Unionized) (M-NH ₃ -2.0 (Caculé)) a 1		< 0,01	0,01	mg N/L	-	2017-04-07
Nitrate (NO ₃) (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 CaCO ₃ /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 CaCO ₃ /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 (NH ₃ -NH ₄) (M-NH ₃ -2.0) a 1		0,03	0,01	mg N/L	-	2017-04-07
NH ₃ (Unionized) (M-NH ₃ -2.0 (Caculé)) a 1		< 0,01	0,01	mg N/L	-	2017-04-07
Nitrate (NO ₃) (M-NITR-2.0) a 1		0,04	0,01	mg N/L	-	2017-04-10
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 CaCO ₃ /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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Revision 1: (Reason) This revision replaces (VD000556 R0) and cancels any previous certificate.

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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 CaCO ₃ /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 (NH ₃ -NH ₄) (M-NH ₃ -2.0) a 1		0,03	0,01	mg N/L	-	2017-04-07
NH ₃ (Unionized) (M-NH ₃ -2.0 (Caculé)) a 1		< 0,01	0,01	mg N/L	-	2017-04-07
Nitrate (NO ₃) (M-NITR-2.0) a 1		0,04	0,01	mg N/L	-	2017-04-10
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 CaCO ₃ /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 :

-

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.

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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 CaCO ₃ /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 (NH ₃ -NH ₄) (M-NH ₃ -2.0) a 1	29,61	0,01	mg N/L	2017-04-07
NH ₃ (Unionized) (M-NH ₃ -2.0 (Caculé)) a 1	0,29	0,01	mg N/L	2017-04-07
Nitrate (NO ₃) (M-NITR-2.0) a 1	0,02	0,01	mg N/L	2017-04-05
Nitrite (NO ₂) (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 (SO ₄) (M-SULF-2.0) a 1	1990	0,6	mg SO ₄ /L	2017-04-06
Alkalinity (M-TIT-1.0) 2	131	2	mg CaCO ₃ /L	2017-04-04
Dissolved solids (M-TIT-1.0) 2	3099	1	mg/L	2017-04-04



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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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Client Reference : N/A

Reference material

Material	Reference	Parameter	Result	Expected value
DMR-0119-2017-Cl		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 # : 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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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 (NH ₃ -NH ₄) (M-NH ₃ -2.0) a 1		0,03	0,01000	mg N/L		2017-04-07
NH ₃ (Unionized) (M-NH ₃ -2.0) (Calculé) a 1		< 0,01	0,01000	mg N/L		2017-04-07
Nitrate (NO ₃) (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 CaCO ₃ /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 (NH ₃ -NH ₄) (M-NH ₃ -2.0) a 1		0,01	0,01000	mg N/L		2017-04-07
NH ₃ (Unionized) (M-NH ₃ -2.0 (Calculé)) a 1		< 0,01	0,01000	mg N/L		2017-04-07
Nitrate (NO ₃) (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 CaCO ₃ /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 # : VD000553

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 # : 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 (NH ₃ -NH ₄) (M-NH ₃ -2.0) a 1		0,02	0,01000	mg N/L		2017-04-07
NH ₃ (Unionized) (M-NH ₃ -2.0 (Calculé)) a 1		< 0,01	0,01000	mg N/L		2017-04-07
Nitrate (NO ₃) (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 CaCO ₃ /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 # : 990

Client Reference : ST-17

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 (SO ₄)	< 0,6
Alkalinity	
Dissolved solids	

Reference material

Material	Reference	Parameter	Result	Expected value
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-SO ₄		Sulfate (SO ₄)	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 (NH ₃ -NH ₄)	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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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 CaCO ₃ /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 (NH ₃ -NH ₄) (M-NH3-2.0) a 1	5,19	0,01	mg N/L	-	2017-04-14
NH ₃ (Unionized) (M-NH3-2.0 (Caculé)) a 1	0,29	0,01	mg N/L	-	2017-04-14
Nitrate (NO ₃) (M-NITR-2.0) a 1	5,25	0,01	mg N/L	-	2017-04-11
Nitrite (NO ₂) (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 (SO ₄) (M-SULF-2.0) a 1	2202	0,6	mg SO ₄ /L	-	2017-04-13
Alkalinity (M-TIT-1.0) 2	128	2	mg CaCO ₃ /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 (SO ₄)	< 0,6
Alkalinity	
Dissolved solids	



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Certificat # : VD000963
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>
Contrôle 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

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 # : 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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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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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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Client Reference : ST-S 5

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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Certificat # : VD000796

Client # : 990

Client Reference : ST-S 5

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-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
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-0188-2017-1	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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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 (NH3-NH4) (M-NH3-2.0) a 1	56,15	0,01	mg N/L		2017-05-04
NH3 (Unionized) (M-NH3-2.0 (Calculé)) a 1	1,61	0,01	mg N/L		2017-05-04
Nitrate (NO3) (M-NITR-2.0) a 1	4,98	0,01	mg N/L		2017-05-03
Nitrite (NO2) (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 (SO4) (M-SULF-2.0) a 1	2322	0,6	mg SO4/L		2017-05-04
Alkalinity (M-TIT-1.0) 2	125	2	mg CaCO3/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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<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 (SO ₄)	< 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-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		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-SO ₄	DMR-0188-2017-1	Sulfate (SO ₄)	124	123



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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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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

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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.
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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

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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