



Analytical Report

Lab number: M-120988

Sample name: STP-IN

Sampling location: STP-IN

Sampling date: September 05, 2017

Sampling hour: 08:30

Parameter	Result	Method name	Analysis date
Fecal coliforms	12 000 000 CFU/100ml	M-COLI-1,0	September 07, 2017
Total coliforms	*** CFU/100ml	M-COLI-2,0	September 07, 2017
Atypical colonies	> 200 000 000 CFU/100ml	M-COLI-2,0	September 07, 2017
Temperature	10 °C	M-TEMP-1.0	September 06, 2017

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

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Additional information

Lab number: M-120988

Sample name: STP-IN

Sampling location: STP-IN

Sampling date: September 05, 2017

Sampling hour: 08:30

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

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

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

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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-67668

Sampling location: STP-IN

Sampling date: September 05, 2017

Sample name: STP-IN

Sampling hour: 08:30

Sampled by: MT

Date received: September 06, 2017

Matrix: Waste Water

Drinking water distribution:

Reported on: September 19, 2017

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

Results relate only to the sample tested.

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

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Analytical Report

Lab number: V-67668

Sample name: STP-IN

Sampling location: STP-IN

Sampling date: September 05, 2017

Sampling hour: 08:30

Parameter	Result	Method name	Analysis date
Ammonia nitrogen (NH ₃ -NH ₄)	85 mg N/L	Sous-traitance\H2Lab inc. (SAM)	September 12, 2017
Kjeldahl nitrogen	92 mg N/L	Sous-traitance\H2Lab inc. (SAM)	September 14, 2017
BOD-5	267 mg/L	Sous-traitance\H2Lab inc. (SAM)	September 13, 2017
COD	534 mg/L	Sous-traitance\H2Lab inc. (SAM)	September 12, 2017
Total Suspended Solids	153 mg/L	M-SOLI-1.0	September 11, 2017
Ammonia NH ₃ (non-ionized)	0.56 mg N/L	Sous-traitance\H2Lab inc. (SAM)	September 18, 2017
Nitrate (NO ₃)	0.21 mg N/L	Sous-traitance\Multilab Direct	September 11, 2017
Nitrite (NO ₂)	0.01 mg N/L	Sous-traitance\Multilab Direct	September 08, 2017
Total Phosphorus (P)	10 mg P/L	Sous-traitance\H2Lab inc. (SAM)	September 18, 2017

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Detection limit

Lab number: V-67668

Sample name: STP-IN

Sampling location: STP-IN

Sampling date: September 05, 2017

Sampling hour: 08:30

Parameter	Value	Unit	Method	Accreditation
Kjeldahl nitrogen	0.05	mg N/L	Sous-traitance	
BOD-5	1	mg/L	Sous-traitance	
COD	5	mg/L	Sous-traitance	
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Nitrate (NO ₃)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO ₂)	0.01	mg N/L	Sous-traitance	Yes
Total Phosphorus (P)	0.04	mg P/L	Sous-traitance	

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Quality control Report

Lab number: V-67668

Sample name: STP-IN

Sampling location: STP-IN

Sampling date: September 05, 2017

Sampling hour: 08:30

Parameter

Ammonia nitrogen (NH₃-NH₄) m Blank <0.01
Standard name DMR-0417-2017-NH₃-NH₄
Result 2.31
Accuracy 91.5%
Limit 1.81 - 2.45

Sample duplicate 88.6-88.9
Total Suspended Solids mg/L Blank <1
Standard name STD-MES 25mg/L
Result 26
Accuracy 96%

Limit 19 - 31
Sample duplicate 153-155
Ammonia NH₃ (non-ionized) mg Blank <0.01
Sample duplicate 1.05-1.05

Nitrate (NO₃) mg N/L Blank <0.01
Sample duplicate 0.21-0.19

Nitrite (NO₂) mg N/L Blank <0.01
Standard name DMR-0417-2017-NO₂
Result 2.77
Accuracy 97.8%
Limit 2.30 - 3.12
Sample duplicate 0.01-0.01

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Additional information

Lab number: V-67668
Sample name: STP-IN
Sampling location: STP-IN

Sampling date: September 05, 2017
Sampling hour: 08:30

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

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

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

Lab number: V-67671

Sampling location: STP-LJMIX

Sampling date: September 05, 2017

Sample name: STP-LJMIX DUP

Sampling hour: 08:30

Sampled by: MT

Date received: September 06, 2017

Matrix: Waste Water

Drinking water distribution:

Reported on: September 19, 2017

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

Results relate only to the sample tested.

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

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

Lab number: V-67671

Sample name: STP-LJMIX DUP

Sampling location: STP-LJMIX

Sampling date: September 05, 2017

Sampling hour: 08:30

Parameter	Result	Method name	Analysis date
Ammonia nitrogen (NH ₃ -NH ₄)	9.3 mg N/L	Sous-traitance\H2Lab inc. (SAM)	September 12, 2017
Kjeldahl nitrogen	11 mg N/L	Sous-traitance\H2Lab inc. (SAM)	September 14, 2017
BOD-5	5 mg/L	Sous-traitance\H2Lab inc. (SAM)	September 13, 2017
COD	54 mg/L	Sous-traitance\H2Lab inc. (SAM)	September 11, 2017
Total Suspended Solids	6 mg/L	M-SOLI-1.0	September 11, 2017
Ammonia NH ₃ (non-ionized)	<0.01 mg N/L	Sous-traitance\H2Lab inc. (SAM)	September 18, 2017
Nitrate (NO ₃)	22.0 mg N/L	Sous-traitance\Multilab Direct	September 11, 2017
Nitrite (NO ₂)	0.64 mg N/L	Sous-traitance\Multilab Direct	September 08, 2017
Total Phosphorus (P)	8.7 mg P/L	Sous-traitance\H2Lab inc. (SAM)	September 18, 2017

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Detection limit

Lab number: V-67671

Sample name: STP-LJMIX DUP

Sampling date: September 05, 2017

Sampling location: STP-LJMIX

Sampling hour: 08:30

Parameter	Value	Unit	Method	Accreditation
Kjeldahl nitrogen	0.05	mg N/L	Sous-traitance	
BOD-5	1	mg/L	Sous-traitance	
COD	5	mg/L	Sous-traitance	
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Nitrate (NO ₃)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO ₂)	0.01	mg N/L	Sous-traitance	Yes
Total Phosphorus (P)	0.04	mg P/L	Sous-traitance	

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Quality control Report

Lab number: V-67671

Sample name: STP-LJMIX DUP

Sampling date: September 05, 2017

Sampling location: STP-LJMIX

Sampling hour: 08:30

Parameter

Total Suspended Solids mg/L	Blank <1
	Standard name STD-MES 25mg/L
	Result 26
	Accuracy 96%
	Limit 19 - 31

Nitrate (NO3) mg N/L	Blank <0.01
Nitrite (NO2) mg N/L	Blank <0.01
	Standard name DMR-0417-2017-NO2
	Result 2.77
	Accuracy 97.8%
	Limit 2.30 - 3.12

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Additional information

Lab number: V-67671

Sample name: STP-LJMIX DUP

Sampling location: STP-LJMIX

Sampling date: September 05, 2017

Sampling hour: 08:30

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

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

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

Lab number: V-67670

Sampling location: STP-LJMIX

Sampling date: September 05, 2017

Sample name: STP-LJMIX

Sampling hour: 08:30

Sampled by: MT

Date received: September 06, 2017

Matrix: Waste Water

Drinking water distribution:

Reported on: September 19, 2017

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

Results relate only to the sample tested.

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

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

Lab number: V-67670

Sample name: STP-LJMIX

Sampling location: STP-LJMIX

Sampling date: September 05, 2017

Sampling hour: 08:30

Parameter	Result	Method name	Analysis date
Ammonia nitrogen (NH ₃ -NH ₄)	7.6 mg N/L	Sous-traitance\H2Lab inc. (SAM)	September 12, 2017
Kjeldahl nitrogen	11 mg N/L	Sous-traitance\H2Lab inc. (SAM)	September 14, 2017
BOD-5	6 mg/L	Sous-traitance\H2Lab inc. (SAM)	September 13, 2017
COD	55 mg/L	Sous-traitance\H2Lab inc. (SAM)	September 11, 2017
Total Suspended Solids	4 mg/L	M-SOLI-1.0	September 11, 2017
Ammonia NH ₃ (non-ionized)	<0.01 mg N/L	Sous-traitance\H2Lab inc. (SAM)	September 18, 2017
Nitrate (NO ₃)	21.9 mg N/L	Sous-traitance\Multilab Direct	September 11, 2017
Nitrite (NO ₂)	0.65 mg N/L	Sous-traitance\Multilab Direct	September 08, 2017
Total Phosphorus (P)	7.9 mg P/L	Sous-traitance\H2Lab inc. (SAM)	September 18, 2017

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Detection limit

Lab number: V-67670

Sample name: STP-LJMIX

Sampling location: STP-LJMIX

Sampling date: September 05, 2017

Sampling hour: 08:30

Parameter	Value	Unit	Method	Accreditation
Kjeldahl nitrogen	0.05	mg N/L	Sous-traitance	
BOD-5	1	mg/L	Sous-traitance	
COD	5	mg/L	Sous-traitance	
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Nitrate (NO ₃)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO ₂)	0.01	mg N/L	Sous-traitance	Yes
Total Phosphorus (P)	0.04	mg P/L	Sous-traitance	

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Additional information

Lab number: V-67670

Sample name: STP-LJMIX

Sampling location: STP-LJMIX

Sampling date: September 05, 2017

Sampling hour: 08:30

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

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

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

Lab number: V-67673

Sampling location: STP-SEP

Sampling date: September 05, 2017

Sample name: STP-SEP DUP

Sampling hour: 08:30

Sampled by: MT

Date received: September 06, 2017

Matrix: Waste Water

Drinking water distribution:

Reported on: September 19, 2017

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

Results relate only to the sample tested.

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

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Analytical Report

Lab number: V-67673

Sample name: STP-SEP DUP

Sampling location: STP-SEP

Sampling date: September 05, 2017

Sampling hour: 08:30

Parameter	Result	Method name	Analysis date
Ammonia nitrogen (NH ₃ -NH ₄)	50 mg N/L	Sous-traitance\H2Lab inc. (SAM)	September 12, 2017
Kjeldahl nitrogen	56 mg N/L	Sous-traitance\H2Lab inc. (SAM)	September 14, 2017
BOD-5	7 mg/L	Sous-traitance\H2Lab inc. (SAM)	September 13, 2017
COD	72 mg/L	Sous-traitance\H2Lab inc. (SAM)	September 12, 2017
Total Suspended Solids	11 mg/L	M-SOLI-1.0	September 11, 2017
Ammonia NH ₃ (non-ionized)	0.32 mg N/L	Sous-traitance\H2Lab inc. (SAM)	September 18, 2017
Nitrate (NO ₃)	1.35 mg N/L	Sous-traitance\Multilab Direct	September 11, 2017
Nitrite (NO ₂)	1.59 mg N/L	Sous-traitance\Multilab Direct	September 08, 2017
Total Phosphorus (P)	7.7 mg P/L	Sous-traitance\H2Lab inc. (SAM)	September 18, 2017

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Detection limit

Lab number: V-67673

Sample name: STP-SEP DUP

Sampling date: September 05, 2017

Sampling location: STP-SEP

Sampling hour: 08:30

Parameter	Value	Unit	Method	Accreditation
Kjeldahl nitrogen	0.05	mg N/L	Sous-traitance	
BOD-5	1	mg/L	Sous-traitance	
COD	5	mg/L	Sous-traitance	
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Nitrate (NO ₃)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO ₂)	0.01	mg N/L	Sous-traitance	Yes
Total Phosphorus (P)	0.04	mg P/L	Sous-traitance	

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Additional information

Lab number: V-67673

Sample name: STP-SEP DUP

Sampling location: STP-SEP

Sampling date: September 05, 2017

Sampling hour: 08:30

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

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

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

Lab number: M-120990

Sampling location: STP-SEP

Sampling date: September 05, 2017

Sample name: STP-SEP

Sampling hour: 08:30

Sampled by: MT

Date received: September 06, 2017

Matrix: Waste water

Drinking water distribution: **NA**

Reported on: September 12, 2017

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

Results relate only to the sample tested.

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

Lab number: M-120990

Sample name: STP-SEP

Sampling location: STP-SEP

Sampling date: September 05, 2017

Sampling hour: 08:30

Parameter	Result	Method name	Analysis date
Fecal coliforms	300 CFU/100ml	M-COLI-1,0	September 07, 2017
Total coliforms	10 000 CFU/100ml	M-COLI-2,0	September 07, 2017
Atypical colonies	330 000 CFU/100ml	M-COLI-2,0	September 07, 2017
Temperature	12 °C	M-TEMP-1.0	September 06, 2017

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Additional information

Lab number: M-120990

Sample name: STP-SEP

Sampling location: STP-SEP

Sampling date: September 05, 2017

Sampling hour: 08:30

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

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

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

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

Lab number: V-67672

Sampling location: STP-SEP

Sampling date: September 05, 2017

Sample name: STP-SEP

Sampling hour: 08:30

Sampled by: MT

Date received: September 06, 2017

Matrix: Waste Water

Drinking water distribution:

Reported on: September 19, 2017

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

Results relate only to the sample tested.

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

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Analytical Report

Lab number: V-67672

Sample name: STP-SEP

Sampling location: STP-SEP

Sampling date: September 05, 2017

Sampling hour: 08:30

Parameter	Result	Method name	Analysis date
Ammonia nitrogen (NH ₃ -NH ₄)	54 mg N/L	Sous-traitance\H2Lab inc. (SAM)	September 12, 2017
Kjeldahl nitrogen	55 mg N/L	Sous-traitance\H2Lab inc. (SAM)	September 14, 2017
BOD-5	7 mg/L	Sous-traitance\H2Lab inc. (SAM)	September 13, 2017
COD	76 mg/L	Sous-traitance\H2Lab inc. (SAM)	September 12, 2017
Total Suspended Solids	9 mg/L	M-SOLI-1.0	September 11, 2017
Ammonia NH ₃ (non-ionized)	0.32 mg N/L	Sous-traitance\H2Lab inc. (SAM)	September 18, 2017
Nitrate (NO ₃)	1.40 mg N/L	Sous-traitance\Multilab Direct	September 11, 2017
Nitrite (NO ₂)	1.59 mg N/L	Sous-traitance\Multilab Direct	September 08, 2017
Total Phosphorus (P)	9.3 mg P/L	Sous-traitance\H2Lab inc. (SAM)	September 18, 2017

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Detection limit

Lab number: V-67672

Sample name: STP-SEP

Sampling location: STP-SEP

Sampling date: September 05, 2017

Sampling hour: 08:30

Parameter	Value	Unit	Method	Accreditation
Kjeldahl nitrogen	0.05	mg N/L	Sous-traitance	
BOD-5	1	mg/L	Sous-traitance	
COD	5	mg/L	Sous-traitance	
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Nitrate (NO ₃)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO ₂)	0.01	mg N/L	Sous-traitance	Yes
Total Phosphorus (P)	0.04	mg P/L	Sous-traitance	

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Additional information

Lab number: V-67672
Sample name: STP-SEP
Sampling location: STP-SEP

Sampling date: September 05, 2017
Sampling hour: 08:30

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

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

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

Lab number: V-67677

Sampling location: ST-8/ST-MMER-3ab 65.01.11.2. N 96.02.32.0W

Sampling date: September 06, 2017

Sample name: ST-8/ST-MMER-3 DUP

Sampling hour: 08:00

Sampled by: MT/JK

Date received: September 07, 2017

Matrix: Water

Drinking water distribution:

Reported on: September 19, 2017

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

Results relate only to the sample tested.

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

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

Lab number: V-67677

Sample name: ST-8/ST-MMER-3 DUP

Sampling date: September 06, 2017

Sampling location: ST-8/ST-MMER-3ab 65.01.11.2. N 96.02.32.0W

Sampling hour: 08:00

Parameter	Result	Method name	Analysis date
Aluminium (Al)	0.018 mg/L	Sous-traitance\Multilab Direct	September 18, 2017
Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 18, 2017
Copper (Cu)	0.0008 mg/L	Sous-traitance\Multilab Direct	September 18, 2017
Total Cyanide (CNT)	0.001 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Total Suspended Solids	<1 mg/L	M-SOLI-1.0	September 11, 2017
Nickel (Ni)	0.0009 mg/L	Sous-traitance\Multilab Direct	September 18, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	September 18, 2017
Radium (Ra 226)	<0.002 Becquerels/L	M-RA-2.0	September 19, 2017
Sulfate (SO4)	18.8 mg SO4/L	Sous-traitance\Multilab Direct	September 11, 2017
Zinc (Zn)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 18, 2017

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

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Detection limit

Lab number: V-67677

Sample name: ST-8/ST-MMER-3 DUP

Sampling date: September 06, 2017

Sampling location: ST-8/ST-MMER-3ab 65.01.11.2. N 96.02.32.0W

Sampling hour: 08:00

Parameter	Value	Unit	Method	Accreditation
Aluminium (Al)	0.003	mg/L	Sous-traitance	
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Radium (Ra 226)	0.002	Becquerels/L	M-RA-2.0	Yes
Sulfate (SO4)	0.6	mg SO4/L	Sous-traitance	Yes
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes

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

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Quality control Report

Lab number: V-67677

Sample name: ST-8/ST-MMER-3 DUP

Sampling date: September 06, 2017

Sampling location: ST-8/ST-MMER-3ab 65.01.11.2. N 96.02.32.0W

Sampling hour: 08:00

Parameter	
Aluminium (Al) mg/L	Blank <0.006
	Standard name DMR-0476-2017-22-Eu
	Result 5.67
	Accuracy 90.4%
	Limit 5.02 - 7.52
Arsenic (As) mg/L	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu
	Result 0.2379
	Accuracy 83.8%
	Limit 0.199 - 0.369
Copper (Cu) mg/L	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu
	Result 1.263
	Accuracy 98.7%
	Limit 1.02 - 1.54
Total Cyanide (CNT) mg/L	Blank <0.001
	Standard name DMR-0343-CN
	Result 1.15
	Accuracy 97.5%
	Limit 1.003 - 1.357
Total Suspended Solids mg/L	Sample duplicate 0.001-0.002
	Blank <1
	Standard name STD-MES 25mg/L
	Result 26
	Accuracy 96%
Nickel (Ni) mg/L	Limit 19 - 31
	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu
	Result 1.014
	Accuracy 88.9%
Lead (Pb) mg/L	Limit 0.91 - 1.37
	Blank <0.0003
	Standard name DMR-0476-2017-22-Eu
	Result 0.7814
	Accuracy 86.5%
Radium (Ra 226) Becquerels/L	Limit 0.722 - 1.084
	Blank <0.002
	Standard name STD 54982
	Result 0.064
	Accuracy 92.8%

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

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



Quality control Report

Lab number: V-67677

Sample name: ST-8/ST-MMER-3 DUP

Sampling date: September 06, 2017

Sampling location: ST-8/ST-MMER-3ab 65.01.11.2. N 96.02.32.0W

Sampling hour: 08:00

Parameter

Zinc (Zn) mg/L
Limit 0.059 - 0.079
Blank <0.001
Standard name DMR-0476-2017-22-Eu
Result 4.40
Accuracy 96.5%
Limit 3.65 - 5.47

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

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Additional information

Lab number: V-67677

Sample name: ST-8/ST-MMER-3 DUP

Sampling date: September 06, 2017

Sampling location: ST-8/ST-MMER-3ab 65.01.11.2. N 96.02.32.0W

Sampling hour: 08:00

Lab method	Method reference
M-MET-3.0	MA.200-Mét. 1.2
M-CN-1.0	MA.300-CN 1.2
M-SOLI-1.0	MA.104-S.S. 1.1
M-RA-2.0	APHA 7500-Ra B et EPA P.13 (EMSL-CI)
M-SULF-2.0	MA.300-Ions 1.3

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

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



Analytical Report

Company: **Agnico Eagle Division Meadowbank**

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

Lab number: V-67678

Sampling location: ST-8/ST-MMER-3ab Monthly 65.01.11.2. N 96.02.3

Sampling date: September 06, 2017

Sample name: ST-8/ST-MMER-3 FB

Sampling hour: 08:00

Sampled by: MT/JK

Date received: September 07, 2017

Matrix: Water

Reported on: October 02, 2017

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

Results relate only to the sample tested.

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

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



Analytical Report

Lab number: V-67678

Sample name: ST-8/ST-MMER-3 FB

Sampling date: September 06, 2017

Sampling location: ST-8/ST-MMER-3ab Monthly 65.01.11.2. N 96.02.1

Sampling hour: 08:00

Parameter	Result	Method name	Analysis date
Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	September 18, 2017
Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 18, 2017
Copper (Cu)	1.021 mg/L	Sous-traitance\Multilab Direct	September 26, 2017
Total Cyanide (CNT)	0.001 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Total Suspended Solids	1 mg/L	M-SOLI-1.0	September 11, 2017
Nickel (Ni)	0.0194 mg/L	Sous-traitance\Multilab Direct	September 26, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	September 18, 2017
Radium (Ra 226)	<0.002 Becquerels/L	M-RA-2.0	September 19, 2017
Sulfate (SO4)	<0.6 mg SO4/L	Sous-traitance\Multilab Direct	September 11, 2017
Zinc (Zn)	0.234 mg/L	Sous-traitance\Multilab Direct	September 26, 2017

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



Detection limit

Lab number: V-67678

Sample name: ST-8/ST-MMER-3 FB

Sampling date: September 06, 2017

Sampling location: ST-8/ST-MMER-3ab Monthly 65.01.11.2. N 96.02.1

Sampling hour: 08:00

Parameter	Value	Unit	Method	Accreditation
Aluminium (Al)	0.003	mg/L	Sous-traitance	
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Radium (Ra 226)	0.002	Becquerels/L	M-RA-2.0	Yes
Sulfate (SO4)	0.6	mg SO4/L	Sous-traitance	Yes
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes

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

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Quality control Report

Lab number: V-67678

Sample name: ST-8/ST-MMER-3 FB

Sampling date: September 06, 2017

Sampling location: ST-8/ST-MMER-3ab Monthly 65.01.11.2. N 96.02.1

Sampling hour: 08:00

Parameter	
Aluminium (Al) mg/L	Blank <0.006 Standard name DMR-0476-2017-22-Eu Result 5.67 Accuracy 90.4% Limit 5.02 - 7.52
Arsenic (As) mg/L	Blank <0.0005 Standard name DMR-0476-2017-22-Eu Result 0.2379 Accuracy 83.8% Limit 0.199 - 0.369
Copper (Cu) mg/L	Blank <0.0005 Standard name DMR-0476-2017-22-Eu Result 1.389 Accuracy 91.5% Limit 1.02 - 1.54
Copper (Cu) mg/L	Blank <0.0005 Standard name DMR-0476-2017-22-Eu Result 1.263 Accuracy 98.7% Limit 1.02 - 1.54
Total Cyanide (CNT) mg/L	Blank <0.001 Standard name DMR-0343-CN Result 1.15 Accuracy 97.5% Limit 1.003 - 1.357
Total Suspended Solids mg/L	Blank <1 Standard name STD-MES 25mg/L Result 26 Accuracy 96% Limit 19 - 31
Nickel (Ni) mg/L	Blank <0.0005 Standard name DMR-0476-2017-22-Eu Result 1.177 Accuracy 96.8% Limit 0.91 - 1.37
Nickel (Ni) mg/L	Blank <0.0005 Standard name DMR-0476-2017-22-Eu Result 1.014 Accuracy 88.9% Limit 0.91 - 1.37

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

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Quality control Report

Lab number: V-67678

Sample name: ST-8/ST-MMER-3 FB

Sampling date: September 06, 2017

Sampling location: ST-8/ST-MMER-3ab Monthly 65.01.11.2. N 96.02.1

Sampling hour: 08:00

Parameter

Lead (Pb) mg/L Blank <0.0003
 Standard name DMR-0476-2017-22-Eu
 Result 0.7814
 Accuracy 86.5%
 Limit 0.722 - 1.084

Radium (Ra 226) Becquerels/L Blank <0.002
 Standard name STD 54982
 Result 0.064
 Accuracy 92.8%
 Limit 0.059 - 0.079

Zinc (Zn) mg/L Blank <0.001
 Standard name DMR-0476-2017-22-Eu
 Result 4.74
 Accuracy 96.1%
 Limit 3.65 - 5.47

Zinc (Zn) mg/L Blank <0.001
 Standard name DMR-0476-2017-22-Eu
 Result 4.40
 Accuracy 96.5%
 Limit 3.65 - 5.47

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

Lab number: V-67678

Sample name: ST-8/ST-MMER-3 FB

Sampling date: September 06, 2017

Sampling location: ST-8/ST-MMER-3ab Monthly65.01.11.2.N96.02.32.

Sampling hour: 08:00

Lab method	Method reference
M-MET-3.0	MA.200-Mét. 1.2
M-CN-1.0	MA.300-CN 1.2
M-SOLI-1.0	MA.104-S.S. 1.1
M-RA-2.0	APHA 7500-Ra B et EPA P.13 (EMSL-CI)
M-SULF-2.0	MA.300-Ions 1.3

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

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



Analytical Report

Company: **Agnico Eagle Division Meadowbank**

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

Lab number: V-67676

Sampling location: ST-8/ST-MMER-3ab 65.01.11.2. N 96.02.32.0W

Sampling date: September 06, 2017

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

Sampling hour: 08:00

Sampled by: MT/JK

Date received: September 07, 2017

Matrix: Water

Drinking water distribution:

Reported on: September 27, 2017

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

Results relate only to the sample tested.

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

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



Analytical Report

Lab number: V-67676

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

Sampling date: September 06, 2017

Sampling location: ST-8/ST-MMER-3ab 65.01.11.2. N 96.02.32.0W

Sampling hour: 08:00

Parameter	Result	Method name	Analysis date
Aluminium (Al)	0.015 mg/L	Sous-traitance\Multilab Direct	September 18, 2017
Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 18, 2017
Copper (Cu)	0.0008 mg/L	Sous-traitance\Multilab Direct	September 18, 2017
Total Cyanide (CNT)	0.003 mg/L	Sous-traitance\Multilab Direct	September 14, 2017
Daphnia Magna	See sub file	Sous-traitance\Eurofins	September 08, 2017
Total Suspended Solids	3 mg/L	M-SOLI-1.0	September 11, 2017
Nickel (Ni)	0.0008 mg/L	Sous-traitance\Multilab Direct	September 18, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	September 18, 2017
Radium (Ra 226)	<0.002 Becquerels/L	M-RA-2.0	September 19, 2017
Sulfate (SO4)	19.0 mg SO4/L	Sous-traitance\Multilab Direct	September 11, 2017
Rainbow trout	See sub file	Sous-traitance\Eurofins	September 11, 2017
Zinc (Zn)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 18, 2017

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

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Detection limit

Lab number: V-67676

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

Sampling date: September 06, 2017

Sampling location: ST-8/ST-MMER-3ab 65.01.11.2. N 96.02.32.0W

Sampling hour: 08:00

Parameter	Value	Unit	Method	Accreditation
Aluminium (Al)	0.003	mg/L	Sous-traitance	
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Daphnia Magna			Sous-traitance	Yes
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Radium (Ra 226)	0.002	Becquerels/L	M-RA-2.0	Yes
Sulfate (SO4)	0.6	mg SO4/L	Sous-traitance	Yes
Rainbow trout			Sous-traitance	Yes
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes

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

Lab number: V-67676

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

Sampling date: September 06, 2017

Sampling location: ST-8/ST-MMER-3ab 65.01.11.2. N 96.02.32.0W

Sampling hour: 08:00

Parameter	
Aluminium (Al) mg/L	Blank <0.006 Standard name DMR-0476-2017-22-Eu Result 5.67 Accuracy 90.4% Limit 5.02 - 7.52
Arsenic (As) mg/L	Blank <0.0005 Standard name DMR-0476-2017-22-Eu Result 0.2379 Accuracy 83.8% Limit 0.199 - 0.369
Copper (Cu) mg/L	Blank <0.0005 Standard name DMR-0476-2017-22-Eu Result 1.263 Accuracy 98.7% Limit 1.02 - 1.54
Total Cyanide (CNT) mg/L	Blank <0.001 Standard name DMR-0343-CN Result 1.15 Accuracy 97.5% Limit 1.003 - 1.357
Total Suspended Solids mg/L	Blank <1 Standard name STD-MES 25mg/L Result 26 Accuracy 96% Limit 19 - 31
Nickel (Ni) mg/L	Blank <0.0005 Standard name DMR-0476-2017-22-Eu Result 1.014 Accuracy 88.9% Limit 0.91 - 1.37
Lead (Pb) mg/L	Blank <0.0003 Standard name DMR-0476-2017-22-Eu Result 0.7814 Accuracy 86.5% Limit 0.722 - 1.084
Radium (Ra 226) Becquerels/L	Blank <0.002 Standard name STD 54982 Result 0.064 Accuracy 92.8% Limit 0.059 - 0.079

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

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



Additional information

Lab number: V-67676

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

Sampling date: September 06, 2017

Sampling location: ST-8/ST-MMER-3ab 65.01.11.2. N 96.02.32.0W

Sampling hour: 08:00

Lab method	Method reference
M-MET-3.0	MA.200-Mét. 1.2
M-CN-1.0	MA.300-CN 1.2
M-SOLI-1.0	MA.104-S.S. 1.1
M-RA-2.0	APHA 7500-Ra B et EPA P.13 (EMSL-CI)
M-SULF-2.0	MA.300-Ions 1.3

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

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

Client : 6088 H2LAB

Job Number: B755687

Client Project Name & Number: -

No. d'échantillon : EO1855-02

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 : 67888 ST-10/ST-MMER-2

Sample Matrix : WATER

Description: Incolore, translucide, inodore, peu de solides décantables

Sample Prior to Analysis:

Sample Collected: Sep 11, 2017 08:00 AM

Sampling Method : Grab

pH: 7.3

Sample Collected By: MARTIN THERIAULT

Site Collection: ST-10 N 65 04.119 W
95 59.52.7

Temperature : 22 °C

Sample Received: Sep 13, 2017 09:30 AM

Volume Received: 1 L

Dissolved Oxygen: 8.4 mg/L

Analysis Start : Sep 14, 2017 12:00 PM

Temp. Upon Arrival: 18 °C

Sample Conductance: 414 µS/cm

End : Sep 16, 2017 11:25 AM

Storage: 2-6°C

Hardness: 164 mg CaCO₃/L

Concentration	Temperature (°C)	pH (pH)	Conductivity (µS/cm)	Dissolved oxygen (mg/L)	Temperature (°C)	pH (pH)	Dissolved oxygen (mg/L)	Immobility (#)	Immobility (%)	Mortality (#)	Mortality (%)
%v/v	Initial	Initial	Initial	Initial	48 hrs	48 hr	48 hrs	48 hrs	48 hrs	48 hrs	48 hrs
0	20	7.8	459	8.3	21	7.7	7.9	0	0	0	0
6.25	20	7.8	476	8.3	20	7.8	8.6	0	0	0	0
12.5	20	7.8	478	8.3	21	7.8	8.1	0	0	0	0
25	20	7.8	465	8.3	21	7.8	8.4	0	0	0	0
50	20	7.8	454	8.3	21	7.8	8.3	0	0	0	0
100	21	7.7	421	8.8	21	7.9	8.5	0	0	0	0

Comments : Aucune anomalie observée durant l'essai.

Culture/Control/Dilution Water:

Reconstituted water for Daphnia

Hardness:

170 mg/l CaCO₃

Other parameters available on request.

Test Conditions

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

Organisms per Vessel : 10

Pre-aeration Time : 0 min

Rate of Pre-aeration : 40±5 mL/min/L

Total # of Organisms Used : 60

Test Temperature : 20 ± 2 °C

Test Hardness Adjusted : No

Test Volume : 150 mL

Vessel Volume : 270 ml

Test pH Adjusted: No

Loading Density : 15.0 mL/Daphnia

Photoperiod : 16 hours of light; 8 hours of darkness

Test Organism :

Daphnia magna

Source : Maxxam Lab Culture

Age at Test Initiation : <24 hres

Average Brood Size : 21.5

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

% Mortality within 7 days : 1.0

Culture Temperature : 20 ± 2 °C

Time To First Brood : 7 Days

Culture Diet

Fed once a day.

Reference chemical:

Potassium Dichromate

Test Date:

Sep 12, 2017

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

0.14 (0.10, 0.18)mg/L

Statistical Method :

Probit

Historical Mean LC50 (warning limits) :

0.19 (0.11, 0.34) mg/L

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

Test Method

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

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

Method Deviations:

Aucune

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

Client : 6088 H2LAB

Job Number: B755687

Client Project Name & Number: -

No. d'échantillon : EO1855-02

Analyst : Keven Dumas, Roxane Champagne, Véronique Fournier

Alexandra Côté

Verified By : Alexandra Côté, B.Sc. Biologist

Date: Sep 21, 2017 10:10 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.

Client : 6088 H2LAB

Job Number: B755687

Client Project Name & Number: -

Test Result:

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

Toxic Units: <1.0

Comment: non-toxique

Sample Name : 67888 ST-10/ST-MMER-2

Sample Matrix : WATER

Description: Beige, translucide, inodore, peu de solides

Sample Number: EO1855-01

Sample Collected: Sep 11, 2017 08:00 AM **Sampling Method :** Grab

Site Collection:

Sample Collected By: MARTIN THERIAULT **Volume Received:** 40L

Temp.Upon Arrival: 18 °C **Storage:** 2-6°C

Sample Received: Sep 13, 2017 09:30 AM **pH:** 7.6

Dissolved Oxygen: 9.8 mg/L

Analysis Start : Sep 15, 2017 10:35 AM **Temperature :** 15 °C

Sample Conductance: 421 µS/cm

Concentration	Temperature (°C)	pH (pH)	Conductivity (uS/cm)	Dissolved oxygen (mg/L)	Temperature (°C)	pH (pH)	Dissolved oxygen (mg/L)	Atypical Behaviour (#)	Atypical Behaviour (%)	Mortality (#)	Mortality (%)
%v/v	Initial	Initial	Initial	Initial	96 hrs	96 hr	96 hrs	24 hrs	24 hrs	24 hrs	24 hrs
0	16	7.5	251	9.9	15	7.4	9.6	0	0	0	0
6.25	16	7.5	263	9.9	15	7.4	9.4	0	0	0	0
12.5	16	7.5	275	9.9	15	7.4	9.3	0	0	0	0
25	16	7.5	294	10.0	15	7.5	9.4	0	0	0	0
50	16	7.6	339	10.0	15	7.6	9.5	0	0	0	0
100	15	7.6	421	10.0	15	7.5	9.5	0	0	0	0

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

Comments : Aucune anomalie observée durant l'essai.

Culture/Control/Dilution Water

Dechlorinated municipal tap water

Hardness:

96 mg/l CaCO₃

Other parameters available on request.

Test Conditions

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

Organisms per Vessel : 10

Test Temperature : 15 ± 1 °C

Solution Depth : 20 cm

Total # of Organisms Used : 60

Pre-aeration Time : 30 min.

Rate of Aeration 6.5±1 mL/min/L

Test Volume : 16 L

Vessel Volume : 20L

Test pH Adjusted: No

Loading Density : 0.3 g/L

Photoperiod : 16 hours of light; 8 hours of darkness

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

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

Client : 6088 H2LAB
Client Project Name & Number: -

Job Number: B755687
Sample Number: EO1855-01

Test Organism : Rainbow Trout (*Oncorhynchus mykiss*) **Source :** Piscicultures Les Arpents Verts
Culture Temperature : 15 ± 2 °C **Weight (Mean) +- SD :** 0.5 ± 0.1 g **Length (Mean) +- SD :** 3.63 ± 0.20 cm
Culture Water Renewal : 2 liters/min **Weight (Range) :** 0.3 ± 0.7 g **Length (Range) :** 3.30 – 4.00 cm
Culture Photoperiod : 16 hours of light; 8 hours of darkness **% Mortality within 7 days :** 0.2%
Feeding rate and frequency : 1-2x a day; 1-5% of the body weights. **Acclimation Time:** >14 days

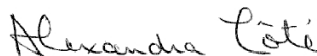
Reference chemical: Phenol **Test Date:** Sep 15, 2017
Test Endpoint 96 hrs LC50 (95% confidence interval) : 9.79 (6.00, 13.0)mg/L **Statistical Method :** Binomial
Historical Mean LC50 (warning limits) : 10.4 (8.17, 13.3) mg/L **Concentration :** 0,4,6,9,13,18 mg/L

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

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

Method Deviations : Aucune

Analyst : Olivier Roberge, Véronique Fournier



Verified By : Alexandra Côté, B.Sc. Biologist

Date: Sep 21, 2017 03:18 PM



AquaTox Testing & Consulting Inc.
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Puslinch ON N0B 2J0
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September 29, 2017

Martin Theriault
Agnico Eagle Mines Limited
Meadowbank Division
Baker Lake NU
XOC OAO

Dear Martin,

Re: Report on Sublethal Toxicity Analysis of Wastewater for MMER - September 2017

Enclosed are the reports for sublethal testing conducted on the sample of EEM-2b collected 2017-09-11. Data are presented in electronic format. I would very much appreciate it if you could let me know when the data have been accepted by Environment and Climate Change Canada.

You should be aware of the RISS internet data entry system for submission of MMER sublethal toxicity data. By now, you should have been provided with a unique user name and pass code (supplied to you by Environment and Climate Change Canada) to access the data entry system. We would be pleased to enter this information on your behalf, for a small fee, but will require your written permission along with your user name and pass code in order to access this data entry system. Please review the reports and e-mail or fax your approval (fax: 519-763-4419; e-mail: reporter@aquatox.ca). We will then enter your results. In the future, if you would prefer us to enter the data automatically at the time the reports are issued, please indicate this in writing.

If you have any questions about the results, do not hesitate to contact me.

Sincerely,

AQUATOX TESTING & CONSULTING INC.

A handwritten signature in cursive script that reads "Nancy Kreager".

Nancy Kreager
Project Manager

NK/jl



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TOXICITY TEST REPORT

Fathead minnow
EPS 1/RM/22
1 of 5

Work Order : 234336
Sample Number : 52230

SAMPLE IDENTIFICATION

Company :	Agnico Eagle Mines Limited	Date Collected :	2017-09-11
Location :	Baker Lake NU	Time Collected :	09:00
Substance :	EEM-2b	Date Received :	2017-09-13
Sampling Method :	Not provided	Time Received :	10:45
Sampled By :	M. Theriault	Date Tested :	2017-09-13
Temp. on arrival :	19.0°C		
Sample Description :	Cloudy, pale yellow, odourless		
Test Method :	Test of Larval Growth and Survival Using Fathead Minnows. Environment Canada, Conservation and Protection. Ottawa, Ontario. Report EPS 1/RM/22, 2nd ed. (February 2011).		

TEST RESULTS

Effect	Value	95% Confidence Limits	Statistical Method
IC25 (Growth from Biomass)	>100%	-	-
LC50	>100%	-	-

The results reported relate only to the sample tested.

POTASSIUM CHLORIDE REFERENCE TOXICANT DATA

Date Tested :	2017-09-18	Analyst(s) :	TL, SEW, CG, JL, CZN
Organism Batch :	Fm17-09	Test Duration :	7 days
IC25 Growth (from Biomass) :	1.04 g/L	LC50 :	1.25 g/L
95% Confidence Limits :	0.99 - 1.09 g/L	95% Confidence Limits :	1.15 - 1.32 g/L
Statistical Method :	Non-Linear Regression (CETIS) ^a	Statistical Method :	Linear Regression (MLE) (CETIS) ^a
Historical Mean IC25 :	0.97 g/L	Historical Mean LC50 :	1.15 g/L
Warning Limits (± 2SD) :	0.84 - 1.13 g/L	Warning Limits (± 2SD) :	1.01 - 1.30 g/L

The reference toxicity test was performed under the same experimental conditions as those used with the test sample.

TEST CONDITIONS

Test Organism :	<i>Pimephales promelas</i>	Test Type :	Static Renewal
Organism Batch :	Fm17-09	Control/Dilution Water :	Well water (no chemicals added)
Organism Age :	~07:00 - 21:40 h at start of test	Test Volume / Replicate :	300 mL
Source :	In-house culture	Test Vessel :	420 mL polystyrene beaker
Culture Mortality/Diseased :	0.07 % (previous 7 days)	Depth of Test Solution :	8 cm
pH Adjustment :	None	Organisms per Replicate :	10
Sample Filtration :	60 µm starting 2017-09-13	Number of Replicates :	3
Hardness Adjustment :	None	Daily Renewal Method :	80-85% syphoned and replaced
Test Aeration :	None	Test Method Deviation(s):	None

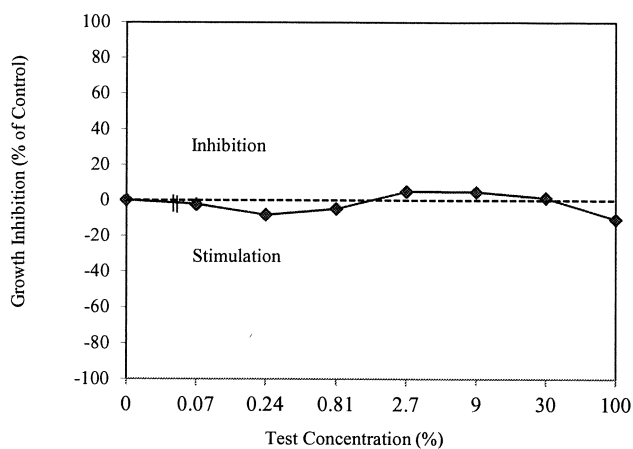
COMMENTS

- All test validity criteria as specified in the test method cited above were satisfied.
- No organisms exhibiting unusual appearance, behaviour, or undergoing unusual treatment were used in the test.
- Inflated swim bladders were confirmed in all test organisms used in this test.

Work Order : 234336

Sample Number : 52230

Fathead Minnow Growth Inhibition (based on Biomass)



REFERENCES

^a CETIS™, © 2000-2013. V.1.8.7.17. Comprehensive Environmental Toxicity Information System. Tidepool Scientific Software, LLC, McKinleyville, CA 95519 [Program on disk and printed User's Guide].

^b Grubbs, F.E., 1969. Procedures for detecting outlying observations in samples. *Technometrics*, 11:1-21.

Date : 2017-09-29
yyyy-mm-dd

Approved By : Nancy Kuehn
Project Manager

**TOXICITY TEST REPORT**

Fathead minnow

EPS 1/RM/22

3 of 5

Work Order : 234336
Sample Number : 52230

CUMULATIVE DAILY CONTROL MORTALITY AND IMPAIRMENT (±SD)

Date : 2017-09-13 2017-09-14 2017-09-15 2017-09-16 2017-09-17 2017-09-18 2017-09-19 2017-09-20
0.00% (±0.0) 0.00% (±0.0) 0.00% (±0.0) 0.00% (±0.0) 0.00% (±0.0) 0.00% (±0.0) 0.00% (±0.0) 0.00% (±0.0)

FATHEAD MINNOW CUMULATIVE DAILY MORTALITY

Initiation Time : 14:10
Initiation Date : 2017-09-13
Completion Date : 2017-09-20

		Day 0		Day 1		Day 2		Day 3		Day 4		Day 5		Day 6		Day 7		Treatment
Date :		2017-09-13		2017-09-14		2017-09-15		2017-09-16		2017-09-17		2017-09-18		2017-09-19		2017-09-20		Mean Mortality
Analyst(s):		NL		XD		SV		CZN		MA		TL		NK		SEW		(± SD)
Concentration		Number	%	Number	%	Number	%	Number	%	Number	%	Number	%	Number	%	Number	%	%
(%)	Replicate	Dead	Dead	Dead	Dead	Dead	Dead	Dead	Dead	Dead	Dead	Dead	Dead	Dead	Dead	Dead	Dead	
Control	A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00 (±0.00)
	B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0.07	A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00 (±0.00)
	B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0.24	A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00 (±0.00)
	B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0.81	A	0	0	0	0	0	0	0	0	0	0	0	0	1	10	1	10	3.33 (±5.77)
	B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2.7	A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00 (±0.00)
	B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
9	A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00 (±0.00)
	B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
30	A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00 (±0.00)
	B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
100	A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00 (±0.00)
	B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

Aberrant behaviour or swimming impairment : None

Data Reviewed By: SF
Date : 2017-09-25

Work Order : 234336

Sample Number : 52230

FATHEAD MINNOW DRY WEIGHT AND BIOMASS DATA

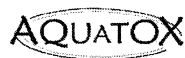
Concentration (%)	Replicate	Number of Larvae Exposed	Replicate Mean Dry Weight (mg)	Treatment Mean Biomass (mg)	Standard Deviation
Control	A	10	0.880	0.839	0.042
	B	10	0.839		
	C	10	0.797		
0.07	A	10	0.859	0.857	0.006
	B	10	0.862		
	C	10	0.851		
0.24	A	10	0.893	0.907	0.042
	B	10	0.874		
	C	10	0.954		
0.81	A	10	0.809	0.877	0.063
	B	10	0.933		
	C	10	0.890		
2.7	A	10	0.775	0.797	0.020
	B	10	0.815		
	C	10	0.801		
9	A	10	0.721	0.800	0.069
	B	10	0.849		
	C	10	0.831		
30	A	10	0.778	0.828	0.048
	B	10	0.833		
	C	10	0.873		
100	A	10	0.906	0.928	0.046
	B	10	0.897		
	C	10	0.980		

NOTES :

- No outlying data points were detected according to Grubbs Test^b.
- Control average dry weight per surviving organism = 0.839 mg

Data Reviewed By: SF

Date : 2017-09-25

**TOXICITY TEST REPORT**

Work Order : 234336
 Sample Number: 52230

Fathead minnow
 EPS 1/RM/22
 5 of 5

Fathead Minnow Water Chemistry Data

		Initial Chemistry:	Temp. (°C)	DO (mg/L)	pH	Conductivity (µmhos/cm)	Hardness (mg/L as CaCO ₃)	
			25.0	8.9	7.9	420	180	
		Day 0 - 1 2017-09-13	Day 1 - 2 2017-09-14	Day 2 - 3 2017-09-15	Day 3 - 4 2017-09-16	Day 4 - 5 2017-09-17	Day 5 - 6 2017-09-18	Day 6 - 7 2017-09-19
Sub-sample Used		1	1	1	2	2	3	3
Temperature (°C)		25.0	24.0	24.0	24.0	24.0	24.0	24.0
Dissolved Oxygen (mg/L)		8.9	9.0	9.3	9.5	9.5	9.7	9.9
Dissolved Oxygen % Sat. ²		109	110	112	114	112	117	119
pH		7.9	7.9	7.9	7.8	7.8	7.9	7.9
Pre-aeration Time (min) ³		20	20	20	20	20	20	20
Analyst(s) : Initial		MA	NL	NL	SEW	NL	TL	CG
Final		NL	NL	CZN	MA	TL	CG	SEW
Control (0%)								
Temp.(°C)	Initial	25.0	24.0	24.0	24.0	25.0	25.0	24.0
	Final	24.0	24.0	24.0	24.0	24.0	24.0	24.0
DO % Sat.	Initial	99	99	99	100	97	99	95
DO (mg/L)	Initial	8.0	8.1	8.2	8.2	8.0	8.1	7.9
	Final	7.7	7.2	6.9	6.7	7.6	7.3	7.0
pH	Initial	8.3	8.3	8.4	8.3	8.3	8.3	8.4
	Final	8.3	8.2	8.1	8.1	8.2	8.1	8.0
Cond. (µmhos/cm)	Initial	706	749	733	780	769	746	726
0.07 %								
Temp.(°C)	Initial	25.0	24.0	24.0	24.0	25.0	25.0	24.0
	Final	24.0	24.0	24.0	24.0	24.0	24.0	24.0
DO (mg/L)	Initial	8.0	8.3	8.3	8.3	8.2	8.1	8.0
	Final	7.7	7.0	6.9	6.6	7.6	7.3	7.0
pH	Initial	8.3	8.3	8.4	8.3	8.3	8.3	8.3
	Final	8.2	8.2	8.0	8.1	8.2	8.2	8.0
Cond. (µmhos/cm)	Initial	700	763	749	784	787	752	729
9 %								
Temp.(°C)	Initial	25.0	24.0	24.0	24.0	25.0	25.0	24.0
	Final	24.0	24.0	24.0	24.0	24.0	24.0	24.0
DO (mg/L)	Initial	8.0	8.3	8.2	8.3	7.8	8.1	8.1
	Final	7.2	6.9	7.0	6.9	7.8	7.0	7.0
pH	Initial	8.3	8.3	8.4	8.3	8.3	8.4	8.3
	Final	8.2	8.2	8.1	8.1	8.2	8.1	8.0
Cond. (µmhos/cm)	Initial	675	727	710	754	747	725	700
100 %								
Temp.(°C)	Initial	25.0	24.0	24.0	24.0	25.0	25.0	24.0
	Final	24.0	24.0	24.0	24.0	24.0	24.0	24.0
DO (mg/L)	Initial	8.3	8.7	8.8	8.5	8.9	8.3	8.3
	Final	7.7	7.2	7.0	6.8	7.7	7.1	7.0
pH	Initial	8.0	8.0	8.0	8.2	8.0	8.1	8.0
	Final	7.9	7.8	7.7	7.8	7.9	7.8	7.8
Cond. (µmhos/cm)	Initial	421	425	435	426	423	428	425

"-" = not measured

² % saturation (adjusted for actual temperature and barometric pressure)

³ ≤100 bubbles/minute



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TOXICITY TEST REPORT

Ceriodaphnia dubia
EPS 1/RM/21
1 of 4

Work Order : 234336
Sample Number : 52230

SAMPLE IDENTIFICATION

Company : Agnico Eagle Mines Limited
Location : Baker Lake NU
Substance : EEM-2b
Sampling Method : Not provided
Sampled By : M. Theriault
Temp. on arrival : 19.0°C
Sample Description : Cloudy, pale yellow, odourless
Date Collected : 2017-09-11
Time Collected : 09:00
Date Received : 2017-09-13
Time Received : 10:45
Date Tested : 2017-09-13
Test Method : Test of Reproduction and Survival using the Cladoceran *Ceriodaphnia dubia*. Environment Canada, Conservation and Protection. Ottawa, Ontario. Report EPS 1/RM/21, 2nd ed. (February 2007).

TEST RESULTS

Effect	Value	95% Confidence Limits	Statistical Method
LC50	>100%	-	-
IC25 (Reproduction)	>100%	-	-

The results reported relate only to the sample tested.

SODIUM CHLORIDE REFERENCE TOXICANT DATA

Date Tested :	2017-09-07	Analyst(s) :	NL, SV
Organism Batch :	Cd17-09	Test Duration :	6 days
IC25 Reproduction :	1.30 g/L	LC50 :	1.99 g/L
95% Confidence Limits :	1.20 - 1.42 g/L	95% Confidence Limits :	1.72 - 2.31 g/L
Statistical Method :	Linear Interpolation (CETIS) ^a	Statistical Method :	Spearman-Kärber (CETIS) ^a
Historical Mean IC25 :	1.35 g/L	Historical Mean LC50 :	2.24 g/L
Warning Limits (± 2SD) :	1.04 - 1.76 g/L	Warning Limits (± 2SD) :	1.91 - 2.61 g/L

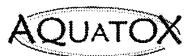
The reference toxicity test was performed under the same experimental conditions as those used with the test sample.

TEST CONDITIONS

Sample Filtration :	60.0 µm starting on 2017-09-13	Test Volume per Replicate :	15 mL
Test Aeration :	None	Test Vessel :	19 mL glass vial
pH Adjustment :	None	Depth of Test Solution :	4.8 cm
Hardness Adjustment :	None	Organisms per Replicate :	1
Daily Renewal Method :	Transferred to fresh solutions	Number of Replicates :	10
Control/Dilution Water :	Well water (no chemicals added)	Test Method Deviation(s) :	None

COMMENTS

•All test validity criteria as specified in the test method cited above were satisfied.



TOXICITY TEST REPORT

Ceriodaphnia dubia

EPS 1/RM/21

2 of 4

Work Order : 234336

Sample Number : 52230

TEST ORGANISMS

Test Organism : *Ceriodaphnia dubia*

Organism Batch : Cd17-09

Organism Origin : Single in-house mass culture

Test Organism Origin : Individual in-house cultures

Range of Age (at start of test) :

08:50 h - 19:35 h

Mean Brood Organism Mortality :

5%

Ephippia in Culture :

No

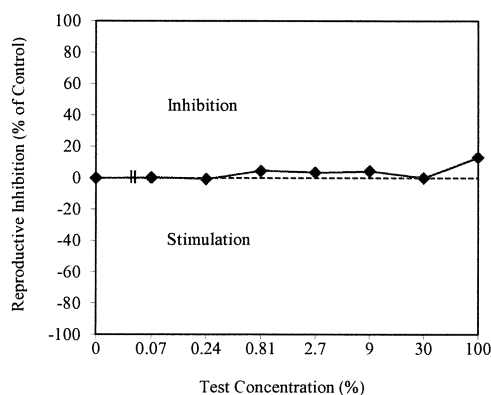
Brood Organism Neonate Production

Replicate :	1	2	3	4	5	6	7	8	9	10	Mean
Total (third or subsequent brood):	17	18	17	14	17	16	14	15	16	16	16.0
Total (first three broods):	25	27	26	23	28	24	28	27	24	22	25.4

No organisms exhibiting unusual appearance, behaviour, or undergoing unusual treatment were used in the test.

TEST DATA

Ceriodaphnia dubia Reproductive Inhibition



Cumulative Daily Test Organism Mortality (%)

		Test Concentration (%)							
Date	Test Day	Control	0.07	0.24	0.81	2.7	9	30	100
2017-09-14	1	0	0	0	0	0	0	0	0
2017-09-15	2	0	0	0	0	0	0	0	0
2017-09-16	3	0	0	0	0	0	0	0	0
2017-09-17	4	0	0	0	0	0	0	0	0
2017-09-18	5	0	0	0	0	0	0	0	0
2017-09-19	6	0	0	0	0	0	0	0	0
2017-09-20	7	0	0	0	0	0	0	0	0
Total Mortality (%)		0	0	0	0	0	0	0	0

REFERENCES

^a CETIS™, © 2000-2013. V.1.8.7.17. Comprehensive Environmental Toxicity Information System. Tidepool Scientific Software, LLC, McKinleyville, CA 95519 [Program on disk and printed User's Guide].

^b Grubbs, F.E., 1969. Procedures for detecting outlying observations in samples. *Technometrics*, 11:1-21.

Date : 2017-09-29
yyyy-mm-dd

Approved By : Nancy Kiegan
Project Manager

Work Order : 234336

Sample Number : 52230

***Ceriodaphnia dubia* Survival and Reproduction**

Test Initiation Date : 2017-09-13

Initiation Time : 14:50

Test Completion Date : 2017-09-20

Concentration (%)	Replicate										Mean Young (±SD)	Analyst(s)
Control	Day	1	2	3	4	5	6	7	8	9	10	
2017-09-14	1	0	0	0	0	0	0	0	0	0	0	NL
2017-09-15	2	0	0	0	0	0	0	0	0	0	0	SV
2017-09-16	3	0	0	0	0	0	0	0	0	0	0	MA
2017-09-17	4	6	8	6	5	4	3	5	8	6	6	CZN
2017-09-18	5	14	15	11	13	14	8	13	14	12	11	MA
2017-09-19	6	0	0	13	2	0	0	0	0	15	21	RD
2017-09-20	7	16	19	0	—	17	13	14	18	0	0	RD
Total		36	42	30	20	35	24	32	40	33	38	33.0 (±6.9)

Concentration (%)		Replicate										Mean Young (±SD)
2.7	Day	1	2	3	4	5	6	7	8	9	10	
2017-09-14	1	0	0	0	0	0	0	0	0	0	0	0
2017-09-15	2	0	0	0	0	0	0	0	0	0	0	0
2017-09-16	3	0	0	0	0	0	0	0	0	0	0	0
2017-09-17	4	5	6	6	5	3	7	7	5	5	4	5.3
2017-09-18	5	12	12	13	14	6	9	10	12	10	15	11.3
2017-09-19	6	16	15	14	16	0	0	0	0	0	0	6.1
2017-09-20	7	0	0	0	0	12	17	16	17	14	16	9.2
Total		33	33	33	35	21 ¹	33	33	34	29	35	31.9 (±4.2)

Concentration (%)		Replicate										Mean Young (±SD)
0.07	Day	1	2	3	4	5	6	7	8	9	10	
2017-09-14	1	0	0	0	0	0	0	0	0	0	0	0
2017-09-15	2	0	0	0	0	0	0	0	0	0	0	0
2017-09-16	3	0	0	0	0	0	0	0	0	0	0	0
2017-09-17	4	6	7	7	6	5	0	4	7	6	5	5.3
2017-09-18	5	13	13	12	11	10	13	11	13	11	14	12.1
2017-09-19	6	3	0	18	19	0	16	0	0	0	17	7.3
2017-09-20	7	—	17	0	0	18	0	16	15	16	0	8.2
Total		22 ¹	37	37	36	33	29	31	35	33	36	32.9 (±4.7)

Concentration (%)		Replicate										Mean Young (±SD)
9	Day	1	2	3	4	5	6	7	8	9	10	
2017-09-14	1	0	0	0	0	0	0	0	0	0	0	0
2017-09-15	2	0	0	0	0	0	0	0	0	0	0	0
2017-09-16	3	0	0	0	0	0	0	0	0	0	0	0
2017-09-17	4	6	6	3	4	5	5	4	5	3	5	4.6
2017-09-18	5	13	12	13	13	12	12	8	11	10	17	12.1
2017-09-19	6	15	0	11	12	0	0	0	0	15	17	7.0
2017-09-20	7	0	16	0	0	17	16	14	16	0	0	7.9
Total		34	34	27	29	34	33	26	32	28	39	31.6 (±4.0)

Concentration (%)		Replicate										Mean Young (±SD)
0.24	Day	1	2	3	4	5	6	7	8	9	10	
	2017-09-14	1	0	0	0	0	0	0	0	0	0	0
	2017-09-15	2	0	0	0	0	0	0	0	0	0	0
	2017-09-16	3	0	0	0	0	0	0	0	0	0	0
	2017-09-17	4	8	5	4	6	6	5	5	6	6	7
	2017-09-18	5	12	13	10	13	14	12	11	10	10	14
	2017-09-19	6	16	0	0	0	0	0	0	0	0	0
	2017-09-20	7	0	16	16	17	15	16	12	15	16	16
Total		36	34	30	36	35	33	28	31	32	37	33.2 (±2.9)

Concentration (%)		Replicate										Mean Young (±SD)
30	Day	1	2	3	4	5	6	7	8	9	10	
2017-09-14	1	0	0	0	0	0	0	0	0	0	0	0
2017-09-15	2	0	0	0	0	0	0	0	0	0	0	0
2017-09-16	3	0	0	0	0	0	0	0	0	0	0	0
2017-09-17	4	6	5	6	6	5	3	4	6	8	5	5.4
2017-09-18	5	12	14	9	14	14	14	12	13	11	13	12.6
2017-09-19	6	13	15	15	14	0	0	0	0	16	15	8.8
2017-09-20	7	0	0	0	0	17	16	12	17	0	0	6.2
Total		31	34	30	34	36	33	28	36	35	33	33.0 (±2.6)

Concentration (%)		Replicate										Mean Young (±SD)
0.81	Day	1	2	3	4	5	6	7	8	9	10	
	2017-09-14	1	0	0	0	0	0	0	0	0	0	0
	2017-09-15	2	0	0	0	0	0	0	0	0	0	0
	2017-09-16	3	0	0	0	0	0	0	0	0	0	0
	2017-09-17	4	6	6	6	6	5	5	4	5	6	4
	2017-09-18	5	13	11	13	12	11	12	11	9	11	11.4
	2017-09-19	6	17	14	14	13	15	14	0	0	15	10.2
	2017-09-20	7	0	0	0	0	0	0	14	16	0	4.6
Total		36	31	33	31	31	31	29	32	30	31	31.5 (±1.9)

Concentration (%)		Replicate										Mean Young (±SD)
100	Day	1	2	3	4	5	6	7	8	9	10	
2017-09-14	1	0	0	0	0	0	0	0	0	0	0	0
2017-09-15	2	0	0	0	0	0	0	0	0	0	0	0
2017-09-16	3	0	0	0	0	0	0	0	0	0	0	0
2017-09-17	4	4	5	6	4	3	2	6	4	5	5	4.4
2017-09-18	5	12	12	13	12	11	14	9	9	10	12	11.4
2017-09-19	6	13	0	0	0	0	0	0	0	0	15	2.8
2017-09-20	7	0	16	15	14	15	11	0	14	16	0	10.1
Total		29	33	34	30	29	27	15 ¹	27	31	32	28.7 (±5.4)

NOTES : •All young produced by a test organism during its fourth and subsequent broods were discarded and not included in the above counts. The presence of two or more neonates in any test chamber, during any given day of the test, constitutes a brood.

•¹ Outlier according to Grubbs Test^b. Outlying data points were not excluded from statistical analysis, since they could not be attributed to error.

"x"= test organism mortality

"*"= accidental test organism mortality

"—"=4th brood (see 'NOTES')

Data Reviewed By : SF
Date : 2017-09-25

**TOXICITY TEST REPORT***Ceriodaphnia dubia*

EPS 1/RM/21

4 of 4

Work Order : 234336

Sample Number: 52230

***Ceriodaphnia dubia* Water Chemistry Data**

Initial Chemistry:		Temp. (°C)	DO (mg/L)	pH	Conductivity (µmhos/cm)	Hardness (mg/L as CaCO ₃)		
		25.0	8.9	7.9	420	180		
		Day 0 - 1 2017-09-13	Day 1 - 2 2017-09-14	Day 2 - 3 2017-09-15	Day 3 - 4 2017-09-16	Day 4 - 5 2017-09-17	Day 5 - 6 2017-09-18	Day 6 - 7 2017-09-19
Date :								
Sub-sample Used		1	1	1	2	2	3	3
Temperature (°C)		25.0	24.0	24.0	24.0	24.0	24.0	24.0
Dissolved Oxygen (mg/L)		8.9	9.0	9.3	9.5	9.5	9.7	9.9
Dissolved Oxygen % Sat.³		109	110	112	114	112	117	119
pH		7.9	7.9	7.9	7.8	7.8	7.9	7.9
Pre-aeration Time (min)⁴		20	20	20	20	20	20	20
Analyst(s)	Initial	MA	NL	NL	SEW	NL	TL	CG
	Final	NL	NL	MA	CZN	TL	CG	NK
Control (0%)								
Temp. (°C)	Initial	25.0	24.0	24.0	24.0	25.0	25.0	24.0
	Final	24.0	24.0	24.0	24.0	24.0	24.0	24.0
DO % Sat. ³	Initial	99	99	99	100	97	99	95
	Final	8.0	8.1	8.2	8.2	8.0	8.1	7.9
DO (mg/L)	Initial	8.0	8.1	8.2	8.2	8.0	8.1	7.9
	Final	7.0	6.8	6.1	6.2	7.5	7.4	7.3
pH	Initial	8.3	8.3	8.4	8.3	8.3	8.3	8.4
	Final	8.3	8.2	8.1	8.1	8.3	8.2	8.2
Cond. (µmhos/cm)	Initial	706	749	733	780	769	746	726
0.07 %								
Temp. (°C)	Initial	25.0	24.0	24.0	24.0	25.0	25.0	24.0
	Final	24.0	24.0	24.0	24.0	24.0	24.0	24.0
DO (mg/L)	Initial	8.0	8.3	8.3	8.3	8.2	8.1	8.0
	Final	7.2	7.1	6.7	7.0	7.5	7.5	7.5
pH	Initial	8.3	8.3	8.4	8.3	8.3	8.3	8.3
	Final	8.3	8.3	8.1	8.2	8.3	8.3	8.2
Cond. (µmhos/cm)	Initial	700	763	749	784	787	752	729
9 %								
Temp. (°C)	Initial	25.0	24.0	24.0	24.0	25.0	25.0	24.0
	Final	24.0	24.0	24.0	24.0	24.0	24.0	24.0
DO (mg/L)	Initial	8.0	8.3	8.2	8.3	7.8	8.1	8.1
	Final	7.0	6.8	6.0	5.9	7.4	7.4	7.3
pH	Initial	8.3	8.3	8.4	8.3	8.3	8.4	8.3
	Final	8.2	8.2	8.0	8.0	8.2	8.2	8.2
Cond. (µmhos/cm)	Initial	675	727	710	754	747	725	700
100 %								
Temp. (°C)	Initial	25.0	24.0	24.0	24.0	25.0	25.0	24.0
	Final	24.0	24.0	24.0	24.0	24.0	24.0	24.0
DO (mg/L)	Initial	8.3	8.7	8.8	8.5	8.9	8.3	8.3
	Final	7.1	6.7	5.4	5.7	7.4	7.1	7.2
pH	Initial	8.0	8.0	8.0	8.2	8.0	8.1	8.0
	Final	8.0	7.9	7.7	7.7	8.0	7.9	7.8
Cond. (µmhos/cm)	Initial	421	425	435	426	423	428	425

"_" = not measured

³ % saturation (adjusted for actual temperature and barometric pressure)⁴ ≤100 bubbles/minute



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TOXICITY TEST REPORT

Lemna minor
EPS 1/RM/37
Page 1 of 4

Work Order : 234336
Sample Number : 52230

SAMPLE IDENTIFICATION

Company :	Agnico Eagle Mines Limited	Date Collected :	2017-09-11
Location :	Baker Lake NU	Time Collected :	09:00
Substance :	EEM-2b	Date Received :	2017-09-13
Sampling Method :	Not provided	Time Received :	10:45
Sampled By :	M. Theriault	Date Tested :	2017-09-14
Temp. on arrival :	19.0°C		
Sample Description :	Cloudy, pale yellow, odourless		
Test Method :	Test for Measuring the Inhibition of Growth using the Freshwater Macrophyte, <i>Lemna minor</i> . Method Development and Application Section, Environmental Technology Centre, Environment Canada. Ottawa, Ontario. Report EPS 1/RM/37, 2nd ed. (January 2007).		

TEST RESULTS

Effect	Value	95% Confidence Limits	Statistical Method
IC25 (Weight)	>97.0%	-	-
IC25 (Frond Production)	>97.0%	-	-

The results reported relate only to the sample tested.

POTASSIUM CHLORIDE REFERENCE TOXICANT DATA

Date Tested :	2017-09-06	Statistical Method :	Linear Interpolation (CETIS) ^a
Organism Batch :	Lm17-09	Historical Geometric Mean IC25 :	2.10 g/L
Test Duration :	7 days	Warning Limits (± 2SD) :	1.50 - 2.94 g/L
IC25 (Frond Production) :	1.85 g/L	Growth Medium :	Modified APHA
95% Confidence Limits :	1.53 - 2.32 g/L	Analyst(s) :	AS, SV

The reference toxicant test was performed under the same experimental conditions as those used with the test sample.

TEST CONDITIONS

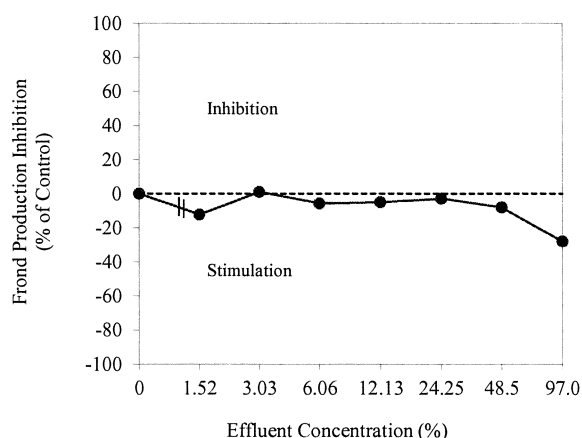
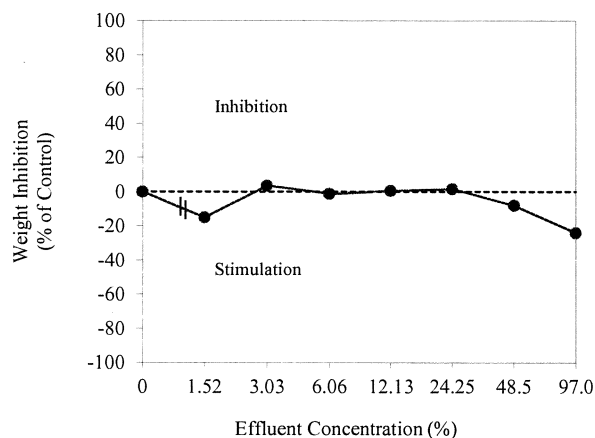
Test Organism :	<i>Lemna minor</i> L., Strain 7730	Test Type :	Static (no sub-samples required)
Organism Batch :	Lm17-09	Control/Dilution Medium :	Modified APHA
Culture Origin :	UTCC 492	Medium Preparation Water :	Distilled Water
Test Organism Source :	Axenic in-house culture	Source of Water :	Morning Mist
Culture Medium :	Modified Hoaglands E+	Medium Preparation Chemicals :	Modified APHA stocks A, B, C (10 mL/L)
Age (on Test Day 0) :	9 days	Nutrient Spiking of Sample :	Modified APHA stocks A, B, C (10 mL/L)
Health Criteria (in APHA) :	19.7-fold frond increase in 7 days	Replicates per Concentration :	4
Organism Acclimation :	23:00 h in APHA medium	Test Volume per Replicate :	100 mL
Inoculum (Test Day 0) :	2 plants (3 fronds per plant)	Test Vessel :	250 mL glass Erlenmeyer flask
Sample Filtration :	1 µm (Whatman GF/C)	Depth of Test Solution :	4.0 cm
Sample Pre-aeration :	20 min. at ≤100 bubbles/min.	Photoperiod/Light Intensity :	Continuous, 4090 - 5040 lux
pH Adjustment :	None	Test Method Deviation(s) :	None
Hardness Adjustment :	None		

COMMENTS

•All test validity criteria as specified in the test method cited above were satisfied.

Work Order : 234336

Sample Number : 52230

Lemna minor Growth Inhibition

TEST MONITORING

Initiation Date : 2017-09-14

Initiation Time : 14:30

Initiated By : SV

Termination Date : 2017-09-21

Termination Time : 17:10

Terminated By : SV

Temperature Monitoring

Test Day	Date	Temperature (°C)
0 (unmodified sample)	2017-09-14	25.0
0	2017-09-14	24.0
1	2017-09-15	24.0
2	2017-09-16	24.0
3	2017-09-17	24.0
4	2017-09-18	24.0
5	2017-09-19	24.0
6	2017-09-20	24.0
7	2017-09-21	24.0

pH Monitoring

Concentration (%)	Day 0	Day 7
100 (unmodified sample)	7.9	-
Control	8.3	8.3
1.52	8.3	8.4
3.03	-	-
6.06	-	-
12.13	8.2	8.5
24.25	-	-
48.5	-	-
97.0	8.0	8.6

"-" = not required

REFERENCES

^a CETIS™, © 2000-2013. V.1.8.7.17. Comprehensive Environmental Toxicity Information System. Tidepool Scientific Software, LLC, McKinleyville, CA 95519 [Program on disk and printed User's Guide].

 Date : 2017-09-29
 yyyy-mm-dd

Approved By:

Nancy Keogh
 Project Manager

***Lemna minor* Frond Increase**

Concentration (%)	Replicate	Frond Count Day 0*	Frond Count Day 7	Frond Increase	Mean Frond Increase	Standard Deviation	CV (%)	Stimulation (%)**	Frond/Root Appearance (Day 7)
Control	A	6	75	69	71.75	12.69	17.7	—	Fronds healthy, appearance normal in all replicates.
	B	6	86	80					
	C	6	89	83					
	D	6	61	55					
1.52	A	6	85	79	80.50	8.70	10.8	—	Fronds healthy, appearance normal in all replicates.
	B	6	79	73					
	C	6	99	93					
	D	6	83	77					
3.03	A	6	81	75	71.00	2.71	3.8	—	Fronds healthy, appearance normal in all replicates.
	B	6	75	69					
	C	6	76	70					
	D	6	76	70					
6.06	A	6	74	68	75.75	13.77	18.2	—	Fronds healthy, appearance normal in all replicates.
	B	6	101	95					
	C	6	82	76					
	D	6	70	64					
12.13	A	6	78	72	75.25	3.59	4.8	—	Fronds healthy, appearance normal in all replicates.
	B	6	86	80					
	C	6	79	73					
	D	6	82	76					
24.25	A	6	79	73	73.75	8.66	11.7	—	Fronds healthy, appearance normal in all replicates.
	B	6	84	78					
	C	6	88	82					
	D	6	68	62					
48.5	A	6	90	84	77.50	4.51	5.8	—	Fronds healthy, appearance normal in all replicates.
	B	6	81	75					
	C	6	83	77					
	D	6	80	74					
97.0	A	6	119	113	91.75	16.44	17.9	27.9	Fronds healthy, appearance normal in all replicates.
	B	6	98	92					
	C	6	95	89					
	D	6	79	73					

NOTES: *No unusual appearance or treatment of culture prior to testing. Test inoculated with healthy plants.

**Significant stimulation (ANOVA - Dunnett Multiple Comparison Test (CETIS)^a, $\alpha=0.05$) compared to control.

•A 13.0-fold increase in frond number was observed in the control over the testing period.

•No outlying data points were detected according to Grubbs Test (CETIS)^a.

"—" = not available/not required

Test Data Reviewed By : SF
Date : 2017-09-26

Work Order : 234336

Sample Number : 52230

***Lemna minor* Frond Weight Data**

Concentration (%)	Replicate	Dry Weight of Fronds (mg)	Treatment Mean Dry Weight (mg)	Standard Deviation	Stimulation (%)**
Control	A	8.76	9.24	0.84	—
	B	10.07			
	C	9.81			
	D	8.30			
1.52	A	10.79	10.63	0.86	—
	B	9.92			
	C	11.79			
	D	10.03			
3.03	A	9.65	8.91	0.62	—
	B	9.06			
	C	8.17			
	D	8.77			
6.06	A	8.99	9.35	1.37	—
	B	11.16			
	C	9.39			
	D	7.86			
12.13	A	8.98	9.20	0.53	—
	B	9.81			
	C	8.59			
	D	9.40			
24.25	A	9.28	9.09	0.61	—
	B	9.47			
	C	9.43			
	D	8.18			
48.5	A	10.60	9.97	0.44	—
	B	9.88			
	C	9.80			
	D	9.60			
97.0	A	12.97	11.46	1.42	24.09
	B	11.67			
	C	11.66			
	D	9.54			

NOTES : **Significant stimulation (ANOVA - Dunnett Multiple Comparison Test (CETIS)^a, $\alpha=0.05$) compared to control.

•No outlying data points were detected according to Grubbs Test (CETIS)^a.

"—" = not available/not required

Test Data Reviewed By : SF
Date : 2017-09-26



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Tel: (519) 763-4412 Fax: (519) 763-4419

TOXICITY TEST REPORT

Pseudokirchneriella subcapitata
EPS 1/RM/25
1 of 2

Work Order : 234336
Sample Number : 52230

SAMPLE IDENTIFICATION

Company :	Agnico Eagle Mines Limited	Date Collected :	2017-09-11
Location :	Baker Lake NU	Time Collected :	09:00
Substance :	EEM-2b	Date Received :	2017-09-13
Sampling Method :	Not provided	Time Received :	10:45
Sampled By :	M. Theriault	Date Tested :	2017-09-13
Temp. on arrival :	19.0°C		
Sample Description :	Cloudy, pale yellow, odourless		
Test Method :	Growth Inhibition Test Using a Freshwater Alga. Environment Canada, Conservation and Protection. Ottawa, Ontario. Report EPS 1/RM/25, 2nd ed. (March 2007).		

72-h TEST RESULTS

Effect	Value	95% Confidence Limits	Statistical Method
IC25 (Growth)	>90.91%	-	-

The results reported relate only to the sample tested.

ZINC (AS ZINC SULPHATE) REFERENCE TOXICANT DATA

Date Tested :	2017-09-19	Statistical Method :	Nonlinear Regression* (CETIS) ^a
Organism Batch :	Ps17-09	Historical Mean IC25 :	15.3 µg/L
Test Duration :	72 hours	Warning Limits (± 2SD) :	4.8 - 49.4 µg/L
IC25 Growth :	9.7 µg/L	Analyst(s) :	AS
95% Confidence Limits :	7.2 - 12.3 µg/L		

The reference toxicity test was performed under the same experimental conditions as those used with the test sample.

TEST ORGANISM

Test Organism :	<i>Pseudokirchneriella subcapitata</i>	Source :	In-house culture
Culture Origin :	University of Waterloo, Waterloo ON	Cell Density at 0-h :	11000 cells/mL
Strain Number :	CPCC 37	Inoculum Prepared :	00:45 h prior to test initiation
Organism Batch :	Ps17-09	Age (at start of test) :	5 days (in exponential growth)

*Algal growth curve is determined at least twice per year as required by the test method cited above.

*No unusual appearance or treatment of culture prior to testing.

TEST CONDITIONS

Test Type :	Static	Volume per Replicate :	220 µL
Test Duration :	72 hours	Control Replicates:	10
Mean Temperature (± SD):	24.0°C (± 0.0)	Test Replicates :	4
Sample Pre-aeration :	None	Concentrations Tested :	10 + Control
Sample Filtration :	0.45 µm preconditioned filter	Photoperiod :	Continuous light
Volume Filtered:	≥10 mL	Light Intensity :	4270-4390 lux
Control/Dilution Water :	Millipore Milli-Q (no chemicals added)	pH Adjustment :	None
Enrichment Medium :	Stock 2B: EDTA reduced to 25%	Hardness Adjustment :	None
Test Vessel :	U-shaped polystyrene microplate	Test Method Deviation(s) :	None

COMMENTS

*All test validity criteria as specified in the test method cited above were satisfied.

*Poisson Weighting (CETIS)^a was applied



Work Order : 234336
Sample Number : 52230

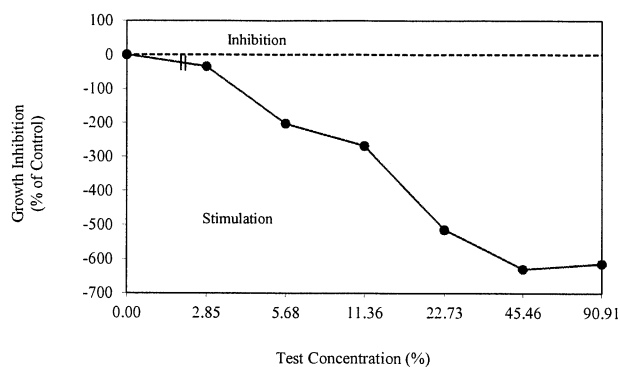
TOXICITY TEST REPORT

Pseudokirchneriella subcapitata

EPS 1/RM/25

2 of 2

Pseudokirchneriella subcapitata Growth Inhibition



CELL ENUMERATION AT 72-HOURS

Initiated By : AS
Completion/Enumeration Date : 2017-09-16
Enumerated By : CZN
Enumeration Method : Manual (haemocytometer)

Sample pH (at 0 hours) : 7.9
Control pH (at 0 hours) : 6.5
Control pH (at 72 hours) : 6.5
Control Cell Increase Factor : 16.5 times growth

Concentration (%)	Cell Concentration (x 10000 cells/mL)								Cell Yield (x 10000 cells/mL)			
	1	2	3	4	7	8	9	10	Mean	Standard Deviation	CV (%)	Stimulation (% of control)**
Control	20.0	19.5	19.0	20.5	20.5	14.0	16.0	15.5	17.03	2.56	15.04	—
0.18	—	—	—	—	—	—	—	—	—	—	—	—
0.35	—	—	—	—	—	—	—	—	—	—	—	—
0.71	—	—	—	—	—	—	—	—	—	—	—	—
1.42	—	—	—	—	—	—	—	—	—	—	—	—
2.85	24.0	23.5	24.5	—	—	—	—	—	22.90	0.50	2.18	—
5.68	56.5	46.5	55.0	—	—	—	—	—	51.57	5.39	10.46	202.89
11.36	60.5	66.5	64.5	—	—	—	—	—	62.73	3.06	4.87	268.48
22.73	104.0	114.0	99.5	—	—	—	—	—	104.73	7.42	7.09	515.17
45.46	130.0	125.5	120.5	—	—	—	—	—	124.23	4.75	3.83	629.71
90.91	115.0	122.0	131.0	—	—	—	—	—	121.57	8.02	6.60	614.05

NOTES : **Statistically significant stimulation, according to ANOVA/Dunnett Multiple Comparison Test (CETIS)^a, ($\alpha=0.05$).
•Control replicates 5 and 6 used for pH measurement.
•The Mann-Kendall test shows that there is no inhibitory gradient ($\alpha=0.05$).
•No outlying data points were detected according to Grubbs Test (CETIS)^a.

"—" = not enumerated/not required

Data Reviewed By : SF
Date : 2017-09-26

REFERENCES

^a CETIS™, © 2000-2013. V.1.8.7.17. Comprehensive Environmental Toxicity Information System. Tidepool Scientific Software, LLC, McKinleyville, CA 95519 [Program on disk and printed User's Guide].

Date : 2017-09-29
yyyy-mm-dd

Approved By : Nancy Kruger
Project Manager

CHAIN OF CUSTODY RECORD



AquaTox Work Order No:

234336

Shipping Address: AquaTox Testing & Consulting Inc.
B-11 Nicholas Beaver Road
Puslinch, Ontario Canada N0B 2J0

Voice: (519) 763-4412 **Fax:** (519) 763-4419

P.O. Number:	PO- 530481
Field Sampler Name (print):	Martin Theriault
Signature:	<i>Martin Theriault</i> Digitally signed by Martin Theriault DN: cn=Martin Theriault, o=AquaTox Date: 2017.09.11 12:00:00 -0400
Affiliation:	AEM
Sample Storage (prior to shipping):	
Custody Relinquished by:	
Date/Time Shipped:	2017-09-11 12:00

Client:	Agnico Eagle Mines Meadowbank Division Baker Lake, Nunavut
Phone:	(819) 759-3555
Fax:	
Contact:	Erika Voyer, Robin Allard, Martin Archambault

Sample Identification				Analyses Requested										Sample Method and Volume			
Date Collected (yyyy-mm-dd)	Time Collected (e.g. 14:30, 24 hr clock)	Sample Name	AquaTox Sample Number	Temp. on arrival	Rainbow Trout Single Concentration	Rainbow Trout LC50	Daphnia magna Single Concentration	Daphnia magna LC50	Fathead Minnow Survival & Growth	Ceriodaphnia dubia Survival & Reproduction	Lemna minor Growth	Pseudokirchnerella subcapitata Growth	RISS Data Entry	Other (please specify below)	Grab	Composite	# of Containers and Volume (eg. 2 x 1L, 3 x 10L, etc.)
2017-09-11	09:00	EEM-2b	52230	19.0					✓	✓	✓	✓		✓			4*20L pails

For Lab Use Only	
Received By:	VC/ESS
Date:	2017-09-13
Time:	10:45
Storage Location:	
Storage Temp.(°C)	

Please list any special requests or instructions:

Others - Pimephales Promelas

[Signature]



Analytical Report

Company: **Agnico Eagle Division Meadowbank**

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

Lab number: V-67887

Sampling location: ST-EEM-2a N 65 04.11.74 W 95 58.51.01

Sampling date: September 11, 2017

Sample name: ST-EEM-2

Sampling hour: 08:00

Sampled by: Martin Theriault

Date received: September 12, 2017

Matrix: Waste Water

Drinking water distribution: **Vault**

Reported on: October 02, 2017

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

Results relate only to the sample tested.

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

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



Analytical Report

Lab number: V-67887

Sample name: ST-EEM-2

Sampling date: September 11, 2017

Sampling location: ST-EEM-2a N 65 04.11.74 W 95 58.51.01

Sampling hour: 08:00

Parameter	Result	Method name	Analysis date
Alkalinity	63 mg CaCO ₃ /L	M-TIT-1.0	September 12, 2017
Aluminium (Al)	0.283 mg/L	Sous-traitance\Multilab Direct	September 26, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	3.1 mg N/L	Sous-traitance\H2Lab inc. (SAM)	September 14, 2017
Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	September 26, 2017
Hardness	148 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	September 26, 2017
Iron (Fe)	0.47 mg/L	Sous-traitance\Multilab Direct	September 26, 2017
Mercury (Hg)	0.00004 mg/L	Sous-traitance\Multilab Direct	September 26, 2017
Molybdenum (Mo)	0.0227 mg/L	Sous-traitance\Multilab Direct	September 26, 2017
Ammonia NH ₃ (non-ionized)	0.04 mg N/L	Sous-traitance\H2Lab inc. (SAM)	September 14, 2017
Nitrate (NO ₃)	7.48 mg N/L	Sous-traitance\Multilab Direct	September 15, 2017
Selenium (Se)	0.002 mg/L	Sous-traitance\Multilab Direct	September 26, 2017

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

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Detection limit

Lab number: V-67887

Sample name: ST-EEM-2

Sampling date: September 11, 2017

Sampling location: ST-EEM-2a N 65 04.11.74 W 95 58.51.01

Sampling hour: 08:00

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO ₃ /L	M-TIT-1.0	
Aluminium (Al)	0.003	mg/L	Sous-traitance	
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO ₃ /L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Nitrate (NO ₃)	0.01	mg N/L	Sous-traitance	Yes
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes

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Quality control Report

Lab number: V-67887

Sample name: ST-EEM-2

Sampling date: September 11, 2017

Sampling location: ST-EEM-2a N 65 04.11.74 W 95 58.51.01

Sampling hour: 08:00

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 135 Accuracy 93.1% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006 Standard name DMR-0476-2017-22-Eu Result 6.63 Accuracy 94.3% Limit 5.02 - 7.52
Cadmium (Cd) mg/L	Blank <0.00002 Standard name DMR-0476-2017-22-Eu Result 0.84995 Accuracy 94.3% Limit 0.721 - 1.081
Iron (Fe) mg/L	Blank <0.01 Standard name DMR-0476-2017-22-Eu Result 13.2 Accuracy 84.2% Limit 9.1 - 13.7
Mercury (Hg) mg/L	Blank <0.00001 Standard name DMR-0476-2017-HgEu Result 0.00049 Accuracy 70% Limit 0.00042 - 0.00098
Molybdenum (Mo) mg/L	Blank <0.0005 Standard name DMR-0476-2017-22-Eu Result 0.5975 Accuracy 84.4% Limit 0.566 - 0.850
Nitrate (NO ₃) mg N/L	Blank <0.01
Selenium (Se) mg/L	Blank <0.001 Standard name DMR-0476-2017-22-Eu Result 1.43 Accuracy 94.1% Limit 1.08 - 1.62

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Additional information

Lab number: V-67887

Sample name: ST-EEM-2

Sampling location: ST-EEM-2a N 65 04.11.74 W 95 58.51.01

Sampling date: September 11, 2017

Sampling hour: 08:00

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-NITR-2.0	MA.300-NO3 2.0

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

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

Lab number: V-67888

Sampling location: ST-10 N 65 04.11.9 W 95 59.52.7

Sampling date: September 11, 2017

Sample name: ST-10/ST-MMER-2

Sampling hour: 08:00

Sampled by: Martin Theriault

Date received: September 12, 2017

Matrix: Water

Drinking water distribution: **Vault**

Reported on: October 08, 2017

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

Results relate only to the sample tested.

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

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Analytical Report

Lab number: V-67888

Sample name: ST-10/ST-MMER-2

Sampling date: September 11, 2017

Sampling location: ST-10 N 65 04.11.9 W 95 59.52.7

Sampling hour: 08:00

Parameter	Result	Method name	Analysis date
Alkalinity	63 mg CaCO ₃ /L	M-TIT-1.0	September 12, 2017
Aluminium (Al)	0.273 mg/L	Sous-traitance\Multilab Direct	September 21, 2017
Dissolved Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	September 21, 2017
Antimony (Sb)	0.0030 mg/L	Sous-traitance\Multilab Direct	September 21, 2017
Dissolved Antimony (Sb)	0.0033 mg/L	Sous-traitance\Multilab Direct	September 21, 2017
Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 21, 2017
Dissolved Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 21, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	2.86 mg N/L	Sous-traitance\Multilab Direct	September 18, 2017
Kjeldahl nitrogen	3.28 mg N/L	Sous-traitance\Multilab Direct	September 19, 2017
Barium (Ba)	0.0319 mg/L	Sous-traitance\Multilab Direct	September 21, 2017
Dissolved Barium (Ba)	0.0338 mg/L	Sous-traitance\Multilab Direct	September 21, 2017
Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 21, 2017
Dissolved Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 21, 2017
bicarbonate (HCO ₃)	63 mg CaCO ₃ /L	M-TIT-1.0	September 12, 2017
Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 21, 2017
Dissolved Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 21, 2017
Cadmium (Cd)	0.00005 mg/L	Sous-traitance\Multilab Direct	September 21, 2017
Dissolved Cadmium (Cd)	0.00008 mg/L	Sous-traitance\Multilab Direct	September 21, 2017
Calcium (Ca)	37.5 mg/L	Sous-traitance\Multilab Direct	September 21, 2017
Carbonate (CO ₃)	<2 mg CaCO ₃ /L	M-TIT-1.0	September 12, 2017
Dissolved Organic Carbon (D.O.C.)	5.8 mg/L	M-COT-1.0	September 12, 2017
Total Organic Carbon (T.O.C.)	5.8 mg/L	M-COT-1.0	September 12, 2017
Chloride	13.7 mg/L	Sous-traitance\Multilab Direct	September 15, 2017
Chrome (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	September 21, 2017
Dissolved Chromium (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	September 21, 2017
Copper (Cu)	0.0032 mg/L	Sous-traitance\Multilab Direct	September 21, 2017
Dissolved Copper (Cu)	0.0045 mg/L	Sous-traitance\Multilab Direct	September 21, 2017
Total Cyanide (CNT)	0.019 mg/L	Sous-traitance\Multilab Direct	September 18, 2017
Daphnia Magna	See sub file	Sous-traitance\Maxxam	September 14, 2017
Hardness	136 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	September 21, 2017
Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 21, 2017
dissolved Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 21, 2017
Iron (Fe)	0.79 mg/L	Sous-traitance\Multilab Direct	September 21, 2017
Dissolved Iron (Fe)	0.01 mg/L	Sous-traitance\Multilab Direct	September 21, 2017
Hydrocarbons (C10-C50)	<0.1 mg/L	M-HYD-2.0	October 02, 2017
Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	September 26, 2017
Dissolved Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	September 26, 2017
Total Suspended Solids	9 mg/L	M-SOLI-1.0	September 13, 2017
Magnesium (Mg)	10.3 mg/L	Sous-traitance\Multilab Direct	September 21, 2017
Manganese (Mn)	0.0546 mg/L	Sous-traitance\Multilab Direct	September 21, 2017

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Analytical Report

Lab number: V-67888

Sample name: ST-10/ST-MMER-2

Sampling date: September 11, 2017

Sampling location: ST-10 N 65 04.11.9 W 95 59.52.7

Sampling hour: 08:00

Parameter	Result	Method name	Analysis date
Dissolved Manganese (Mn)	0.0490 mg/L	Sous-traitance\Multilab Direct	September 21, 2017
Mercury (Hg)	0.00005 mg/L	Sous-traitance\Multilab Direct	September 26, 2017
Dissolved Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Molybdenum (Mo)	0.0213 mg/L	Sous-traitance\Multilab Direct	September 21, 2017
Dissolved Molybdenum (Mo)	0.0244 mg/L	Sous-traitance\Multilab Direct	September 21, 2017
Ammonia NH3 (non-ionized)	0.06 mg N/L	Sous-traitance\Multilab Direct	September 18, 2017
Nickel (Ni)	0.0037 mg/L	Sous-traitance\Multilab Direct	September 21, 2017
Dissolved Nickel (Ni)	0.0033 mg/L	Sous-traitance\Multilab Direct	September 21, 2017
Nitrate (NO3)	7.46 mg N/L	Sous-traitance\Multilab Direct	September 15, 2017
Nitrite (NO2)	0.11 mg N/L	Sous-traitance\Multilab Direct	September 15, 2017
Ortho-Phosphate (O-PO4)	0.01 mg P/L	Sous-traitance\Multilab Direct	September 14, 2017
Total Phosphorus (P)	<0.01 mg P/L	Sous-traitance\Multilab Direct	September 25, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	September 21, 2017
Dissolved Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	September 21, 2017
Potassium (K)	5.36 mg/L	Sous-traitance\Multilab Direct	September 21, 2017
Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 21, 2017
Dissolved Selenium (Se)	0.001 mg/L	Sous-traitance\Multilab Direct	September 21, 2017
Reactive silica (SiO2)	1.5 mg/L	Sous-traitance\Maxxam	September 18, 2017
Sodium (Na)	5.88 mg/L	Sous-traitance\Multilab Direct	September 21, 2017
Dissolved Solids	276 mg/L	M-TIT-1.0	September 12, 2017
Strontium (Sr)	0.325 mg/L	Sous-traitance\Multilab Direct	September 26, 2017
dissolved Strontium (Sr)	0.335 mg/L	Sous-traitance\Multilab Direct	September 26, 2017
Sulfate (SO4)	88.8 mg SO4/L	Sous-traitance\Multilab Direct	September 19, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	September 26, 2017
Dissolved thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	September 26, 2017
Titanium (Ti)	0.04 mg/L	Sous-traitance\Multilab Direct	September 21, 2017
Dissolved titanium (Ti)	0.03 mg/L	Sous-traitance\Multilab Direct	September 21, 2017
Rainbow trout	See sub file	Sous-traitance\Maxxam	September 15, 2017
Uranium (U)	0.007 mg/L	Sous-traitance\Multilab Direct	September 21, 2017
Dissolved Uranium (U)	0.007 mg/L	Sous-traitance\Multilab Direct	September 21, 2017
Vanadium (V)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 21, 2017
Dissolved Vanadium	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 21, 2017
Zinc (Zn)	0.003 mg/L	Sous-traitance\Multilab Direct	September 21, 2017
Dissolved Zinc	<0.001 mg/L	Sous-traitance\Multilab Direct	September 21, 2017

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Detection limit

Lab number: V-67888

Sample name: ST-10/ST-MMER-2

Sampling date: September 11, 2017

Sampling location: ST-10 N 65 04.11.9 W 95 59.52.7

Sampling hour: 08:00

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO ₃ /L	M-TIT-1.0	
Aluminium (Al)	0.003	mg/L	Sous-traitance	
Dissolved Aluminium (Al)	0.003	mg/L	Sous-traitance	
Antimony (Sb)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Antimony (Sb)	0.0001	mg/L	Sous-traitance	
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Arsenic (As)	0.0005	mg/L	Sous-traitance	
Ammonia nitrogen (NH ₃ -NH ₄)	0.01	mg N/L	Sous-traitance	Yes
Kjeldahl nitrogen	0.05	mg N/L	Sous-traitance	Yes
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Barium (Ba)	0.0005	mg/L	Sous-traitance	
Beryllium (Be)	0.0005	mg/L	Sous-traitance	
Dissolved Beryllium (Be)	0.0005	mg/L	Sous-traitance	
bicarbonate (HCO ₃)	2	mg CaCO ₃ /L	M-TIT-1.0	
Boron (B)	0.01	mg/L	Sous-traitance	Yes
Dissolved Boron (B)	0.006	mg/L	Sous-traitance	
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Dissolved Cadmium (Cd)	0.00002	mg/L	Sous-traitance	
Calcium (Ca)	0.03	mg/L	Sous-traitance	Yes
Carbonate (CO ₃)	2	mg CaCO ₃ /L	M-TIT-1.0	
Dissolved Organic Carbon (D.O.C.)	0.2	mg/L	M-COT-1.0	--
Total Organic Carbon (T.O.C.)	0.2	mg/L	M-COT-1.0	Yes
Chloride	0.5	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Dissolved Chromium (Cr)	0.0006	mg/L	Sous-traitance	
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Copper (Cu)	0.0005	mg/L	Sous-traitance	
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Daphnia Magna			Sous-traitance	Yes
Hardness	1	mg CaCO ₃ /L	Sous-traitance	
Tin (Sn)	0.001	mg/L	Sous-traitance	Yes
dissolved Tin (Sn)	0.001	mg/L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes
Dissolved Iron (Fe)	0.01	mg/L	Sous-traitance	
Hydrocarbons (C10-C50)	0.1	mg/L	M-HYD-2.0	Yes
Lithium (Li)	0.005	mg/L	Sous-traitance	
Dissolved Lithium (Li)	0.005	mg/L	Sous-traitance	
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Magnesium (Mg)	0.02	mg/L	Sous-traitance	Yes
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes

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Detection limit

Lab number: V-67888

Sample name: ST-10/ST-MMER-2

Sampling date: September 11, 2017

Sampling location: ST-10 N 65 04.11.9 W 95 59.52.7

Sampling hour: 08:00

Parameter	Value	Unit	Method	Accreditation
Dissolved Manganese (Mn)	0.0003	mg/L	Sous-traitance	
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Dissolved Mercury (Hg)	0.00001	mg/L	Sous-traitance	
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	
Ammonia NH3 (non-ionized)	0.01	mg N/L	Sous-traitance	-
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Nickel (Ni)	0.0005	mg/L	Sous-traitance	
Nitrate (NO3)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO2)	0.01	mg N/L	Sous-traitance	Yes
Ortho-Phosphate (O-PO4)	0.01	mg P/L	Sous-traitance	Yes
Total Phosphorus (P)	0.01	mg P/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Dissolved Lead (Pb)	0.0003	mg/L	Sous-traitance	
Potassium (K)	0.05	mg/L	Sous-traitance	
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Dissolved Selenium (Se)	0.001	mg/L	Sous-traitance	
Reactive silica (SiO2)		mg/L	Sous-traitance	
Sodium (Na)	0.05	mg/L	Sous-traitance	Yes
Dissolved Solids	1	mg/L	M-TIT-1.0	
Strontium (Sr)	0.005	mg/L	Sous-traitance	
dissolved Strontium (Sr)	0.005	mg/L	Sous-traitance	
Sulfate (SO4)	0.6	mg SO4/L	Sous-traitance	Yes
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Dissolved thallium (Tl)	0.0008	mg/L	Sous-traitance	
Titanium (Ti)	0.01	mg/L	Sous-traitance	
Dissolved titanium (Ti)	0.01	mg/L	Sous-traitance	
Rainbow trout			Sous-traitance	Yes
Uranium (U)	0.001	mg/L	Sous-traitance	
Dissolved Uranium (U)	0.001	mg/L	Sous-traitance	
Vanadium (V)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Vanadium	0.0005	mg/L	Sous-traitance	
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes
Dissolved Zinc	0.001	mg/L	Sous-traitance	

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Quality control Report

Lab number: V-67888

Sample name: ST-10/ST-MMER-2

Sampling location: ST-10 N 65 04.11.9 W 95 59.52.7

Sampling date: September 11, 2017

Sampling hour: 08:00

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 135 Accuracy 93.1% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006
	Standard name DMR-0476-2017-22-Eu Result 6.35 Accuracy 98.7% Limit 5.02 - 7.52
Antimony (Sb) mg/L	Blank <0.0001
	Standard name C00-046-705_X_1000 Result 0.0104 Accuracy 96% Limit 0.0080 - 0.0120
Arsenic (As) mg/L	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu Result 0.2679 Accuracy 94.3% Limit 0.199 - 0.369
Kjeldahl nitrogen mg N/L	Blank <0.05
	Standard name DMR-0417-2017-NTK Result 6.02 Accuracy 93.8% Limit 4.82 - 6.52
Barium (Ba) mg/L	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu Result 2.236 Accuracy 92% Limit 1.94 - 2.92
Beryllium (Be) mg/L	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu Result 1.784 Accuracy 95.1% Limit 1.36 - 2.04
Boron (B) mg/L	Blank <0.01
	Standard name DMR-0476-2017-22-Eu Result 2.87 Accuracy 99.7% Limit 2.30 - 3.46
Cadmium (Cd) mg/L	Blank <0.00002

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Quality control Report

Lab number: V-67888

Sample name: ST-10/ST-MMER-2

Sampling location: ST-10 N 65 04.11.9 W 95 59.52.7

Sampling date: September 11, 2017

Sampling hour: 08:00

Parameter	
	Standard name DMR-0476-2017-22-Eu
	Result 0.86096
	Accuracy 95.6%
	Limit 0.721 - 1.081
Calcium (Ca) mg/L	Blank <0.03
	Standard name DMR-0476-2017-22-Eu
	Result 17.5
	Accuracy 86.6%
	Limit 16.2 - 24.2
Dissolved Organic Carbon (D.O.C.) mg/L	Blank <0.2
	Standard name COD 10mg/L
	Result 10
	Accuracy 100%
	Limit 8 - 12
Total Organic Carbon (T.O.C.) mg/L	Blank <0.2
	Standard name COT 10mg/L
	Result 10
	Accuracy 100%
	Limit 8 - 12
Chloride mg/L	Blank <0.5
	Standard name DMR-0417-2017-CI
	Result 111
	Accuracy 97.2%
	Limit 95 - 121
Chrome (Cr) mg/L	Blank <0.0006
	Standard name DMR-0476-2017-22-Eu
	Result 3.624
	Accuracy 89.5%
	Limit 3.24 - 4.86
Copper (Cu) mg/L	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu
	Result 1.323
	Accuracy 96.6%
	Limit 1.02 - 1.54
Total Cyanide (CNt) mg/L	Blank <0.001
	Standard name DMR-0343-CN
	Result 1.20
	Accuracy 98.3%
	Limit 1.003 - 1.357
Tin (Sn) mg/L	Blank <0.001

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Quality control Report

Lab number: V-67888

Sample name: ST-10/ST-MMER-2

Sampling date: September 11, 2017

Sampling location: ST-10 N 65 04.11.9 W 95 59.52.7

Sampling hour: 08:00

Parameter	
Iron (Fe) mg/L	Blank <0.01 Standard name DMR-0476-2017-22-Eu Result 13.1 Accuracy 85.1% Limit 9.1 - 13.7
Dissolved Iron (Fe) mg/L	Blank <0.01 Standard name DMR-0476-2017-22-Eu Result 13.4 Accuracy 82.5% Limit 9.1 - 13.7
Hydrocarbons (C10-C50) mg/L	Blank <0.1 Standard name C10C50-200ppm Result 1.10 Accuracy 88% Limit 0.88 - 1.63
Hydrocarbons (C10-C50) mg/L	Standard name MR-0.625mg/L Result 0.500 Accuracy 80% Limit 0.438 - 0.813
Lithium (Li) mg/L	Blank <0.005 Standard name DMR-0476-2017-22-Eu Result 0.738 Accuracy 87.2% Limit 0.677 - 1.015
Dissolved Lithium (Li) mg/L	Blank <0.005 Standard name DMR-0476-2017-22-Eu Result 0.889 Accuracy 94.9% Limit 0.677 - 1.015
Total Suspended Solids mg/L	Blank <1 Standard name STD-MES 250mg/L Result 254 Accuracy 98.4% Limit 194 - 306
Total Suspended Solids mg/L	Standard name STD-MES 25mg/L Result 23 Accuracy 92% Limit 19 - 31
Magnesium (Mg) mg/L	Blank <0.02 Standard name DMR-0476-2017-22-Eu

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Quality control Report

Lab number: V-67888

Sample name: ST-10/ST-MMER-2

Sampling location: ST-10 N 65 04.11.9 W 95 59.52.7

Sampling date: September 11, 2017

Sampling hour: 08:00

Parameter	
	Result 7.41
	Accuracy 93.7%
	Limit 6.33 - 9.49
Manganese (Mn) mg/L	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu
	Result 3.783
	Accuracy 97%
	Limit 3.12 - 4.68
Mercury (Hg) mg/L	Blank <0.00001
	Standard name DMR-0476-2017-HgEu
	Result 0.00049
	Accuracy 70%
	Limit 0.00042 - 0.00098
Molybdenum (Mo) mg/L	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu
	Result 0.5925
	Accuracy 83.7%
	Limit 0.566 - 0.850
Nickel (Ni) mg/L	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu
	Result 1.074
	Accuracy 94.2%
	Limit 0.91 - 1.37
Nitrate (NO3) mg N/L	Blank <0.01
Nitrite (NO2) mg N/L	Blank <0.01
	Standard name DMR-0417-2017-NO2
	Result 2.74
	Accuracy 98.9%
	Limit 2.30 - 3.12
Ortho-Phosphate (O-PO4) mg P/	Blank <0.01
	Standard name DMR-0417-2017-OPO4
	Result 3.10
	Accuracy 97.2%
	Limit 2.81 - 3.57
Total Phosphorus (P) mg P/L	Blank <0.01
	Standard name DMR-0476-2017-Ptotal
	Result 1.16
	Accuracy 98.2%
	Limit 1.00 - 1.28
Lead (Pb) mg/L	Blank <0.0003

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

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Quality control Report

Lab number: V-67888

Sample name: ST-10/ST-MMER-2

Sampling location: ST-10 N 65 04.11.9 W 95 59.52.7

Sampling date: September 11, 2017

Sampling hour: 08:00

Parameter	
Potassium (K) mg/L	Standard name DMR-0476-2017-22-Eu Result 0.8651 Accuracy 95.8% Limit 0.722 - 1.084 Blank <0.05
Selenium (Se) mg/L	Standard name DMR-0476-2017-22-Eu Result 17.3 Accuracy 97.2% Limit 14.2 - 21.4 Blank <0.001
Sodium (Na) mg/L	Standard name DMR-0476-2017-22-Eu Result 1.46 Accuracy 91.9% Limit 1.08 - 1.62 Blank <0.05
Strontium (Sr) mg/L	Standard name DMR-0476-2017-22-Eu Result 26.2 Accuracy 96.7% Limit 21.7 - 32.5 Blank <0.005
dissolved Strontium (Sr) mg/L	Standard name DMR-0476-2017-22-Eu Result 1.21 Accuracy 98.4% Limit 0.98 - 1.48 Blank <0.005
Sulfate (SO4) mg SO4/L	Standard name DMR-0476-2017-22-Eu Result 1.44 Accuracy 82.9% Limit 0.98 - 1.48 Blank <0.6
Thallium (Tl) mg/L	Standard name DMR-0417-2017-SO4 Result 131 Accuracy 93.5% Limit 114 - 132 Blank <0.0008
Dissolved thallium (Tl) mg/L	Standard name TI-S140909023-1000ppm Result 927 Accuracy 92.7% Limit 800 - 1200 Blank <0.0008

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Quality control Report

Lab number: V-67888

Sample name: ST-10/ST-MMER-2

Sampling date: September 11, 2017

Sampling location: ST-10 N 65 04.11.9 W 95 59.52.7

Sampling hour: 08:00

Parameter

Standard name TI-S140909023-1000ppm

Result 928

Accuracy 92.8%

Limit 800 - 1200

Titanium (Ti) mg/L

Blank <0.01

Uranium (U) mg/L

Blank <0.001

Standard name DMR-0476-2017-22-Eu

Result 1.63

Accuracy 92.6%

Limit 1.41 - 2.11

Vanadium (V) mg/L

Blank <0.0005

Standard name DMR-0476-2017-22-Eu

Result 1.797

Accuracy 90.3%

Limit 1.59 - 2.39

Zinc (Zn) mg/L

Blank <0.001

Standard name DMR-0476-2017-22-Eu

Result 4.70

Accuracy 96.9%

Limit 3.65 - 5.47

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

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Additional information

Lab number: V-67888

Sample name: ST-10/ST-MMER-2

Sampling location: ST-10 N 65 04.11.9 W 95 59.52.7

Sampling date: September 11, 2017

Sampling hour: 08:00

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-NH3-2.0	MA.300-N 2.0
M-CL-2.0	MA.300-Ions 1.3
M-CN-1.0	MA.300-CN 1.2
M-HYD-2.0	MA.400-HYD. 1.1
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-P-2.0	MA.303-P 1.1
M-P-3.0	MA. 315-P 2.0
M-SULF-2.0	MA.300-Ions 1.3

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

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

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

Lab number: V-67889

Sampling location: ST-8/ST-MMER-3a 65.01.11.2.N 96.02.32.0.W

Sampling date: September 11, 2017

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

Sampling hour: 08:00

Sampled by: Jamie Kataluk

Date received: September 12, 2017

Matrix: Water

Drinking water distribution:

Reported on: September 13, 2017

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

Results relate only to the sample tested.

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

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

Lab number: V-67889

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

Sampling date: September 11, 2017

Sampling location: ST-8/ST-MMER-3a 65.01.11.2.N 96.02.32.0.W

Sampling hour: 08:00

Parameter	Result	Method name	Analysis date
Total Suspended Solids	3 mg/L	M-SOLI-1.0	September 13, 2017

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

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Detection limit

Lab number: V-67889

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

Sampling date: September 11, 2017

Sampling location: ST-8/ST-MMER-3a 65.01.11.2.N 96.02.32.0.W

Sampling hour: 08:00

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

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

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Quality control Report

Lab number: V-67889

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

Sampling date: September 11, 2017

Sampling location: ST-8/ST-MMER-3a 65.01.11.2.N 96.02.32.0.W

Sampling hour: 08:00

Parameter

Total Suspended Solids mg/L	Blank <1
	Standard name STD-MES 250mg/L
	Result 254
	Accuracy 98.4%
	Limit 194 - 306

Total Suspended Solids mg/L	Standard name STD-MES 25mg/L
	Result 23
	Accuracy 92%
	Limit 19 - 31

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

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Additional information

Lab number: V-67889

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

Sampling location: ST-8/ST-MMER-3a 65.01.11.2.N 96.02.32.0.W

Sampling date: September 11, 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-68065

Sampling location: NP1

Sampling date: September 13, 2017

Sample name: KIA-NP1 West

Sampling hour: 15:00

Sampled by: MT

Date received: September 15, 2017

Matrix: Water

Drinking water distribution:

Reported on: October 11, 2017

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

Results relate only to the sample tested.

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

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

Lab number: V-68065

Sample name: KIA-NP1 West

Sampling location: NP1

Sampling date: September 13, 2017

Sampling hour: 15:00

Parameter	Result	Method name	Analysis date
Alkalinity	63 mg CaCO ₃ /L	M-TIT-1.0	September 15, 2017
Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Antimony (Sb)	0.0002 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Antimony (Sb)	0.0002 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	<0.05 mg N/L	Sous-traitance\H2Lab inc. (SAM)	September 19, 2017
Kjeldahl nitrogen	0.73 mg N/L	Sous-traitance\H2Lab inc. (SAM)	September 27, 2017
Barium (Ba)	0.0069 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Barium (Ba)	0.0078 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
bicarbonate (HCO ₃)	63 mg CaCO ₃ /L	M-TIT-1.0	September 15, 2017
Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Bromides	0.09 mg/L	Sous-traitance\Multilab Direct	October 03, 2017
Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Calcium (Ca)	20.4 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Carbonate (CO ₃)	<2 mg CaCO ₃ /L	M-TIT-1.0	September 15, 2017
Dissolved Organic Carbon (D.O.C.)	5.6 mg/L	M-COT-1.0	September 15, 2017
Total Organic Carbon (T.O.C.)	5.6 mg/L	M-COT-1.0	September 15, 2017
Chlorophyll A	1.9 µg/L	Sous-traitance\H2Lab inc. (SAM)	October 03, 2017
Chloride	12.1 mg/L	Sous-traitance\Multilab Direct	September 22, 2017
Chrome (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Chromium (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Cobalt (Co)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Cobalt (Co)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Conductivity	261 µmhos/cm	M-TIT-1.0	September 15, 2017
Colour	5 Colour units	Sous-traitance\Multilab Direct	September 20, 2017
Copper (Cu)	0.0006 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Copper (Cu)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Cyanide W.A.D.	0.001 mg/L	Sous-traitance\Multilab Direct	September 22, 2017
Total Cyanide (CNT)	0.002 mg/L	Sous-traitance\Multilab Direct	September 22, 2017
Hardness	80 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	September 29, 2017
Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
dissolved Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017

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Analytical Report

Lab number: V-68065

Sample name: KIA-NP1 West

Sampling location: NP1

Sampling date: September 13, 2017

Sampling hour: 15:00

Parameter	Result	Method name	Analysis date
Iron (Fe)	0.03 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Iron (Fe)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Fluoride (F)	0.20 mg/L	Sous-traitance\Multilab Direct	October 28, 2017
Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	October 03, 2017
Dissolved Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	October 03, 2017
Total Suspended Solids	4 mg/L	M-SOLI-1.0	September 18, 2017
Magnesium (Mg)	7.76 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Magnesium (Mg)	7.06 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Manganese (Mn)	0.0049 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Manganese (Mn)	0.0024 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Dissolved Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Molybdenum (Mo)	0.0029 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Molybdenum (Mo)	0.0027 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Ammonia NH3 (non-ionized)	<0.01 mg N/L	Sous-traitance\H2Lab inc. (SAM)	September 29, 2017
Nickel (Ni)	0.0031 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Nickel (Ni)	0.0029 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Nitrate (NO3)	0.10 mg N/L	Sous-traitance\Multilab Direct	September 20, 2017
Nitrite (NO2)	<0.01 mg N/L	Sous-traitance\Multilab Direct	September 20, 2017
Ortho-Phosphate (O-PO4)	<0.01 mg P/L	Sous-traitance\Multilab Direct	September 21, 2017
Dissolved oxygen	10.7 mg/L	Sous-traitance\Multilab Direct	September 19, 2017
pH	8.18	M-TIT-1.0	September 15, 2017
Total Phosphorus (P)	<0.04 mg P/L	Sous-traitance\H2Lab inc. (SAM)	September 18, 2017
Total Phosphorus (P) (Trace)	6.1 µg P/L	Sous-traitance\H2Lab inc. (SAM)	September 21, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Potassium (K)	2.48 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Selenium (Se)	0.002 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Reactive silica (SiO2)	0.29 mg/L	Sous-traitance\Maxxam	September 25, 2017
Sodium (Na)	5.17 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Solids	174 mg/L	M-TIT-1.0	September 15, 2017
Strontium (Sr)	0.092 mg/L	Sous-traitance\Multilab Direct	October 03, 2017
dissolved Strontium (Sr)	0.090 mg/L	Sous-traitance\Multilab Direct	October 03, 2017
Sulfate (SO4)	43.9 mg SO4/L	Sous-traitance\Multilab Direct	September 20, 2017
Tellurium (Te)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	October 03, 2017
Dissolved thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	October 03, 2017
Thiocyanate (SCN)	0.24 mg SCN/L	Sous-traitance\Multilab Direct	September 21, 2017
Thiosulfates (S2O3)	<0.02 mg S2O3/L	Sous-traitance\Multilab Direct	September 22, 2017

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Analytical Report

Lab number: V-68065

Sample name: KIA-NP1 West

Sampling location: NP1

Sampling date: September 13, 2017

Sampling hour: 15:00

Parameter	Result	Method name	Analysis date
Titanium (Ti)	0.02 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved titanium (Ti)	0.02 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Turbidity	1.00 NTU	Sous-traitance\Multilab Direct	September 19, 2017
Uranium (U)	0.002 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Uranium (U)	0.002 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Vanadium (V)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Vanadium	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Zinc (Zn)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Zinc	<0.001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017

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Detection limit

Lab number: V-68065

Sample name: KIA-NP1 West

Sampling location: NP1

Sampling date: September 13, 2017

Sampling hour: 15:00

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO ₃ /L	M-TIT-1.0	
Aluminium (Al)	0.003	mg/L	Sous-traitance	
Dissolved Aluminium (Al)	0.003	mg/L	Sous-traitance	
Antimony (Sb)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Antimony (Sb)	0.0001	mg/L	Sous-traitance	
Silver (Ag)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Silver (Ag)	0.0001	mg/L	Sous-traitance	
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Arsenic (As)	0.0005	mg/L	Sous-traitance	
Kjeldahl nitrogen	0.05	mg N/L	Sous-traitance	
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Barium (Ba)	0.0005	mg/L	Sous-traitance	
Beryllium (Be)	0.0005	mg/L	Sous-traitance	
Dissolved Beryllium (Be)	0.0005	mg/L	Sous-traitance	
bicarbonate (HCO ₃)	2	mg CaCO ₃ /L	M-TIT-1.0	
Boron (B)	0.01	mg/L	Sous-traitance	Yes
Dissolved Boron (B)	0.006	mg/L	Sous-traitance	
Bromides	0.01	mg/L	Sous-traitance	
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Dissolved Cadmium (Cd)	0.00002	mg/L	Sous-traitance	
Calcium (Ca)	0.03	mg/L	Sous-traitance	Yes
Carbonate (CO ₃)	2	mg CaCO ₃ /L	M-TIT-1.0	
Dissolved Organic Carbon (D.O.C.)	0.2	mg/L	M-COT-1.0	--
Total Organic Carbon (T.O.C.)	0.2	mg/L	M-COT-1.0	Yes
Chlorophyll A	0.04	µg/L	Sous-traitance	
Chloride	0.5	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Dissolved Chromium (Cr)	0.0006	mg/L	Sous-traitance	
Cobalt (Co)	0.0005	mg/L	Sous-traitance	
Dissolved Cobalt (Co)	0.0005	mg/L	Sous-traitance	
Conductivity	1	µmhos/cm	M-TIT-1.0	Yes
Colour	1	UCV	Sous-traitance	Yes
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Copper (Cu)	0.0005	mg/L	Sous-traitance	
Cyanide W.A.D.	0.001	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO ₃ /L	Sous-traitance	
Tin (Sn)	0.001	mg/L	Sous-traitance	Yes
dissolved Tin (Sn)	0.001	mg/L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes

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

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Detection limit

Lab number: V-68065

Sample name: KIA-NP1 West

Sampling location: NP1

Sampling date: September 13, 2017

Sampling hour: 15:00

Parameter	Value	Unit	Method	Accreditation
Dissolved Iron (Fe)	0.01	mg/L	Sous-traitance	
Fluoride (F)	0.01	mg/L	Sous-traitance	Yes
Lithium (Li)	0.005	mg/L	Sous-traitance	
Dissolved Lithium (Li)	0.005	mg/L	Sous-traitance	
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Magnesium (Mg)	0.02	mg/L	Sous-traitance	Yes
Dissolved Magnesium (Mg)	0.02	mg/L	Sous-traitance	
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Manganese (Mn)	0.0003	mg/L	Sous-traitance	
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Dissolved Mercury (Hg)	0.00001	mg/L	Sous-traitance	
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Nickel (Ni)	0.0005	mg/L	Sous-traitance	
Nitrate (NO3)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO2)	0.01	mg N/L	Sous-traitance	Yes
Ortho-Phosphate (O-PO4)	0.01	mg P/L	Sous-traitance	Yes
Dissolved oxygen	0.1	mg/L	Sous-traitance	
pH			M-TIT-1.0	Yes
Total Phosphorus (P)	0.04	mg P/L	Sous-traitance	
Total Phosphorus (P) (Trace)	1.9	µg P/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Dissolved Lead (Pb)	0.0003	mg/L	Sous-traitance	
Potassium (K)	0.05	mg/L	Sous-traitance	
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Dissolved Selenium (Se)	0.001	mg/L	Sous-traitance	
Reactive silica (SiO2)		mg/L	Sous-traitance	
Sodium (Na)	0.05	mg/L	Sous-traitance	Yes
Dissolved Solids	1	mg/L	M-TIT-1.0	
Strontium (Sr)	0.005	mg/L	Sous-traitance	
dissolved Strontium (Sr)	0.005	mg/L	Sous-traitance	
Sulfate (SO4)	0.6	mg SO4/L	Sous-traitance	Yes
Tellurium (Te)	0.0005	mg/L	Sous-traitance	
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Dissolved thallium (Tl)	0.0008	mg/L	Sous-traitance	
Thiocyanate (SCN)	0.05	mg SCN/L	Sous-traitance	Yes
Thiosulfates (S2O3)	0.02	mg S2O3/L	Sous-traitance	Yes
Titanium (Ti)	0.01	mg/L	Sous-traitance	
Dissolved titanium (Ti)	0.01	mg/L	Sous-traitance	

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

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Detection limit

Lab number: V-68065

Sample name: KIA-NP1 West

Sampling location: NP1

Sampling date: September 13, 2017

Sampling hour: 15:00

Parameter	Value	Unit	Method	Accreditation
Turbidity	0.02	UTN	Sous-traitance	Yes
Uranium (U)	0.001	mg/L	Sous-traitance	
Dissolved Uranium (U)	0.001	mg/L	Sous-traitance	
Vanadium (V)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Vanadium	0.0005	mg/L	Sous-traitance	
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes
Dissolved Zinc	0.001	mg/L	Sous-traitance	

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Quality control Report

Lab number: V-68065

Sample name: KIA-NP1 West

Sampling location: NP1

Sampling date: September 13, 2017

Sampling hour: 15:00

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 147 Accuracy 98.6% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006
	Standard name DMR-0476-2017-22-Eu Result 5.33 Accuracy 85% Limit 5.02 - 7.52
Dissolved Aluminium (Al) mg/L	Blank <0.006
	Standard name DMR-0476-2017-22-Eu Result 5.66 Accuracy 90.3% Limit 5.02 - 7.52
Antimony (Sb) mg/L	Blank <0.0001
	Standard name DMR-0476-2017-22-Eu Result 0.2168 Accuracy 97.7% Limit 0.178 - 0.266
Dissolved Antimony (Sb) mg/L	Blank <0.0001
	Standard name C00-046-705_X_1000 Result 0.0117 Accuracy 83% Limit 0.0080 - 0.0120
Silver (Ag) mg/L	Blank <0.0001
Dissolved Silver (Ag) mg/L	Blank <0.0001
Arsenic (As) mg/L	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu Result 0.2691 Accuracy 94.8% Limit 0.199 - 0.369
Dissolved Arsenic (As) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000 Result 0.0879 Accuracy 87.9% Limit 0.0800 - 0.1200
Barium (Ba) mg/L	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu Result 2.784 Accuracy 85.4%

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Quality control Report

Lab number: V-68065

Sample name: KIA-NP1 West

Sampling location: NP1

Sampling date: September 13, 2017

Sampling hour: 15:00

Parameter	
Dissolved Barium (Ba) mg/L	Limit 1.94 - 2.92
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1092
	Accuracy 90.8%
Beryllium (Be) mg/L	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu
	Result 1.497
	Accuracy 88.1%
Dissolved Beryllium (Be) mg/L	Limit 1.36 - 2.04
	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu
	Result 1.540
	Accuracy 90.6%
Boron (B) mg/L	Limit 1.36 - 2.04
	Blank <0.01
	Standard name DMR-0476-2017-22-Eu
	Result 2.80
	Accuracy 97.2%
Dissolved Boron (B) mg/L	Limit 2.30 - 3.46
	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 0.84
	Accuracy 84%
Bromides mg/L	Limit 0.800 - 1.200
	Blank <0.01
	Standard name DMR-0119-2017-Br
	Result 4.97
	Accuracy 88.3%
Cadmium (Cd) mg/L	Limit 4.50 - 6.76
	Blank <0.00002
	Standard name DMR-0476-2017-22-Eu
	Result 0.97801
	Accuracy 91.5%
Dissolved Cadmium (Cd) mg/L	Limit 0.721 - 1.081
	Blank <0.00002
	Standard name C00-046-705_X_1000
	Result 0.10208
	Accuracy 97.9%

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Quality control Report

Lab number: V-68065

Sample name: KIA-NP1 West

Sampling location: NP1

Sampling date: September 13, 2017

Sampling hour: 15:00

Parameter	
Calcium (Ca) mg/L	Limit 0.0800 - 0.1200
	Standard name C00-046-705_X_1000
	Result 0.87
	Accuracy 87%
	Limit 0.800 - 1.200
Dissolved Organic Carbon (D.O.C.) mg/L	Blank <0.2
	Standard name COD 10mg/L
	Result 10
	Accuracy 100%
	Limit 8 - 12
Total Organic Carbon (T.O.C.) mg/L	Blank <0.2
	Standard name COT 10mg/L
	Result 10
	Accuracy 100%
	Limit 8 - 12
Chloride mg/L	Blank <0.5
	Standard name DMR-0476-2017-13-CL
	Result 112
	Accuracy 96.3%
	Limit 95 - 121
Chrome (Cr) mg/L	Blank <0.0006
	Standard name DMR-0476-2017-22-Eu
	Result 3.991
	Accuracy 98.5%
	Limit 3.24 - 4.86
Dissolved Chromium (Cr) mg/L	Blank <0.0006
	Standard name C00-046-705_X_1000
	Result 0.0925
	Accuracy 92.5%
	Limit 0.0800 - 0.1200
Cobalt (Co) mg/L	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu
	Result 1.588
	Accuracy 98.2%
	Limit 1.25 - 1.87
Dissolved Cobalt (Co) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0953
	Accuracy 95.3%
	Limit 0.0800 - 0.1200

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Quality control Report

Lab number: V-68065

Sample name: KIA-NP1 West

Sampling location: NP1

Sampling date: September 13, 2017

Sampling hour: 15:00

Parameter	
Conductivity µmhos/cm	Standard name STD cond maison Result 1407 Accuracy 99.4% Limit 1203 - 1627
Colour UCV	Blank <1
	Standard name DMR-0417-2017-Coul Result 100 Accuracy 85.1% Limit 67 - 107
Copper (Cu) mg/L	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu Result 1.344 Accuracy 95% Limit 1.02 - 1.54
Dissolved Copper (Cu) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000 Result 0.0928 Accuracy 92.8% Limit 0.0800 - 0.1200
Cyanide W.A.D. mg/L	Blank <0.001
	Standard name DMR-0343-CN Result 0.835 Accuracy 94.6% Limit 0.751 - 1.015
Total Cyanide (CNT) mg/L	Blank <0.001
	Standard name DMR-0343-CN Result 1.17 Accuracy 99.2% Limit 1.003 - 1.357
Tin (Sn) mg/L	Blank <0.001
dissolved Tin (Sn) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000 Result 0.104 Accuracy 96% Limit 0.0700 - 0.1300
Iron (Fe) mg/L	Blank <0.01
	Standard name DMR-0476-2017-22-Eu Result 11.8 Accuracy 96.5% Limit 9.1 - 13.7

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Quality control Report

Lab number: V-68065

Sample name: KIA-NP1 West

Sampling location: NP1

Sampling date: September 13, 2017

Sampling hour: 15:00

Parameter	
Dissolved Iron (Fe) mg/L	Blank <0.01 Standard name C00-046-705_X_1000 Result 0.95 Accuracy 95% Limit 0.800 - 1.200
Fluoride (F) mg/L	Blank <0.02 Standard name Controle maison 2 ppm F Result 1.93 Accuracy 96.5% Limit 1.85 - 2.15
Lithium (Li) mg/L	Blank <0.005
Dissolved Lithium (Li) mg/L	Blank <0.005
Total Suspended Solids mg/L	Blank <1 Standard name STD-MES 25mg/L Result 26 Accuracy 96% Limit 19 - 31
Magnesium (Mg) mg/L	Blank <0.02 Standard name DMR-0476-2017-22-Eu Result 7.00 Accuracy 88.5% Limit 6.33 - 9.49
Dissolved Magnesium (Mg) mg/L	Blank <0.02 Standard name C00-046-705_X_1000 Result 0.83 Accuracy 83% Limit 0.800 - 1.200
Manganese (Mn) mg/L	Blank <0.0005 Standard name DMR-0476-2017-22-Eu Result 4.264 Accuracy 90.7% Limit 3.12 - 4.68
Dissolved Manganese (Mn) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1052 Accuracy 94.8% Limit 0.0800 - 0.1200
Mercury (Hg) mg/L	Blank <0.00001 Standard name DMR-0426-2016-HgEu-1 Result 0.00334

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Quality control Report

Lab number: V-68065

Sample name: KIA-NP1 West

Sampling location: NP1

Sampling date: September 13, 2017

Sampling hour: 15:00

Parameter	
Dissolved Mercury (Hg) mg/L	Accuracy 77.7%
	Limit 0.0026 - 0.0060
	Blank <0.00001
	Standard name DMR-0426-2016-HgEu-1
	Result 0.00299
Molybdenum (Mo) mg/L	Accuracy 69.5%
	Limit 0.0026 - 0.0060
	Sample duplicate <0.00001-<0.00001
	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu
Dissolved Molybdenum (Mo) mg/L	Result 0.7125
	Accuracy 99.4%
	Limit 0.566 - 0.850
	Blank <0.0005
	Standard name C00-046-705_X_1000
Nickel (Ni) mg/L	Result 0.1016
	Accuracy 98.4%
	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu
Dissolved Nickel (Ni) mg/L	Result 1.095
	Accuracy 96.1%
	Limit 0.91 - 1.37
	Blank <0.0005
	Standard name C00-046-705_X_1000
Nitrate (NO3) mg N/L	Result 0.0915
	Accuracy 91.5%
	Limit 0.0800 - 0.1200
	Blank <0.01
	Standard name DMR-0417-2017-NO2
Nitrite (NO2) mg N/L	Result 2.65
	Accuracy 97.8%
	Limit 2.30 - 3.12
	Blank <0.01
	Standard name DMR-0417-2017-OPO4
Ortho-Phosphate (O-PO4) mg P/	Result 3.28
	Accuracy 97.2%
	Limit 2.81 - 3.57
	Blank <0.01
	Standard name STD pH 7.0
pH	

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Quality control Report

Lab number: V-68065

Sample name: KIA-NP1 West

Sampling location: NP1

Sampling date: September 13, 2017

Sampling hour: 15:00

Parameter	
Lead (Pb) mg/L	Result 7.03
	Accuracy 99.6%
	Limit 6.96 - 7.04
	Blank <0.0003
	Standard name DMR-0476-2017-22-Eu
Dissolved Lead (Pb) mg/L	Result 0.9364
	Accuracy 96.3%
	Limit 0.722 - 1.084
	Blank <0.0003
	Standard name C00-046-705_X_1000
Potassium (K) mg/L	Result 0.0986
	Accuracy 98.6%
	Limit 0.0800 - 0.1200
	Blank <0.0003
	Standard name C00-046-705_X_1000
Selenium (Se) mg/L	Result 0.93
	Accuracy 93%
	Limit 0.800 - 1.200
	Blank <0.001
	Standard name DMR-0476-2017-22-Eu
Dissolved Selenium (Se) mg/L	Result 1.48
	Accuracy 90.4%
	Limit 1.08 - 1.62
	Blank <0.001
	Standard name C00-046-705_X_1000
Strontium (Sr) mg/L	Result 0.101
	Accuracy 99%
	Limit 0.0800 - 0.1200
	Blank <0.005
	Standard name DMR-0417-2017-SO4
dissolved Strontium (Sr) mg/L	Result 125
Sulfate (SO4) mg SO4/L	Accuracy 98.4%
	Limit 114 - 132
	Blank <0.005
	Standard name C00-046-705_X_1000
	Result 0.0877
Tellurium (Te) mg/L	Accuracy 87.7%
	Limit 0.0800 - 0.1200
	Blank <0.0008
	Standard name TI-S140909023-1000ppm
	Result 0.0877
Thallium (Tl) mg/L	Accuracy 87.7%
	Limit 0.0800 - 0.1200
	Blank <0.0008
	Standard name TI-S140909023-1000ppm
	Result 0.0877

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Quality control Report

Lab number: V-68065

Sample name: KIA-NP1 West

Sampling location: NP1

Sampling date: September 13, 2017

Sampling hour: 15:00

Parameter	
Dissolved thallium (Tl) mg/L	Result 838
	Accuracy 83.8%
	Limit 800 - 1200
	Blank <0.0008
	Standard name TI-S140909023-1000ppm
Thiocyanate (SCN) mg SCN/L	Result 838
	Accuracy 83.8%
	Limit 800 - 1200
	Blank <0.05
	Standard name STD SCN 568ppm
Thiosulfates (S2O3) mg S2O3/L	Result 594
	Accuracy 95.4%
	Limit 398 - 738
	Blank <0.02
	Standard name S2O3-225ppm
Titanium (Ti) mg/L	Result 270
	Accuracy 80%
	Limit 158 - 293
	Blank <0.01
	Blank <0.01
Dissolved titanium (Ti) mg/L	Standard name DMR-0417-2017-Turb
	Result 5.38
	Accuracy 96.3%
	Limit 4.41 - 5.97
	Blank <0.001
Turbidity UTN	Standard name DMR-0476-2017-22-Eu
	Result 2.01
	Accuracy 85.8%
	Limit 1.41 - 2.11
	Blank <0.001
Uranium (U) mg/L	Standard name C00-046-705_X_1000
	Result 0.112
	Accuracy 88%
	Limit 0.0800 - 0.1200
	Blank <0.0005
Vanadium (V) mg/L	Standard name DMR-0476-2017-22-Eu
	Result 1.933
	Accuracy 97.1%
	Limit 1.59 - 2.39
	Blank <0.0005
Dissolved Vanadium mg/L	

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Quality control Report

Lab number: V-68065

Sample name: KIA-NP1 West

Sampling location: NP1

Sampling date: September 13, 2017

Sampling hour: 15:00

Parameter

Standard name C00-046-705_X_1000

Result 0.0914

Accuracy 91.4%

Limit 0.0800 - 0.1200

Zinc (Zn) mg/L

Blank <0.001

Standard name DMR-0476-2017-22-Eu

Result 4.83

Accuracy 94.1%

Limit 3.65 - 5.47

Dissolved Zinc mg/L

Blank <0.001

Standard name C00-046-705_X_1000

Result 0.101

Accuracy 99%

Limit 0.0800 - 0.1200

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Additional information

Lab number: V-68065

Sample name: KIA-NP1 West

Sampling location: NP1

Sampling date: September 13, 2017

Sampling hour: 15:00

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-CL-2.0	MA.300-Ions 1.3
M-COUL-1.0	MA.103-Col. 2.0
M-CN-1.0	MA.300-CN 1.2
M-CI-1.0	MA.300-Anions 1.0
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-P-2.0	MA.303-P 1.1
M-SULF-2.0	MA.300-Ions 1.3
M-TURB-1.0	MA.103-Tur. 1.0

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

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

Lab number: V-68064

Sampling location: NP2

Sampling date: September 13, 2017

Sample name: KIA-NP2-East

Sampling hour: 11:00

Sampled by: MT

Date received: September 15, 2017

Matrix: Water

Corrected certificate, replacing the certificate V-68064 done on October 11 2017

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

Results relate only to the sample tested.

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

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Analytical Report

Lab number: V-68064

Sample name: KIA-NP2-East

Sampling location: NP2

Sampling date: September 13, 2017

Sampling hour: 11:00

Parameter	Result	Method name	Analysis date
Alkalinity	53 mg CaCO ₃ /L	M-TIT-1.0	September 15, 2017
Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Antimony (Sb)	0.0001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Antimony (Sb)	<0.0001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	<0.05 mg N/L	Sous-traitance\H2Lab inc. (SAM)	September 19, 2017
Kjeldahl nitrogen	<0.70 mg N/L	Sous-traitance\H2Lab inc. (SAM)	September 27, 2017
Barium (Ba)	0.0093 mg/L	Sous-traitance\Multilab Direct	October 06, 2017
Dissolved Barium (Ba)	0.0066 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
bicarbonate (HCO ₃)	53 mg CaCO ₃ /L	M-TIT-1.0	September 15, 2017
Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Bromides	0.05 mg/L	Sous-traitance\Multilab Direct	October 03, 2017
Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Calcium (Ca)	17.0 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Carbonate (CO ₃)	<2 mg CaCO ₃ /L	M-TIT-1.0	September 15, 2017
Dissolved Organic Carbon (D.O.C.)	5.9 mg/L	M-COT-1.0	September 15, 2017
Total Organic Carbon (T.O.C.)	5.9 mg/L	M-COT-1.0	September 15, 2017
Chlorophyll A	1.1 µg/L	Sous-traitance\H2Lab inc. (SAM)	October 03, 2017
Chloride	4.2 mg/L	Sous-traitance\Multilab Direct	September 22, 2017
Chrome (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Chromium (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Cobalt (Co)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Cobalt (Co)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Conductivity	230 µmhos/cm	M-TIT-1.0	September 15, 2017
Colour	6 Colour units	Sous-traitance\Multilab Direct	September 20, 2017
Copper (Cu)	0.0022 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Copper (Cu)	0.0022 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Cyanide W.A.D.	0.001 mg/L	Sous-traitance\Multilab Direct	September 22, 2017
Total Cyanide (CNT)	0.002 mg/L	Sous-traitance\Multilab Direct	September 22, 2017
Hardness	66 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	September 29, 2017
Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
dissolved Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017

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Analytical Report

Lab number: V-68064

Sample name: KIA-NP2-East

Sampling location: NP2

Sampling date: September 13, 2017

Sampling hour: 11:00

Parameter	Result	Method name	Analysis date
Iron (Fe)	0.03 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Iron (Fe)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Fluoride (F)	0.14 mg/L	Sous-traitance\Multilab Direct	October 28, 2017
Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	October 03, 2017
Dissolved Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	October 03, 2017
Total Suspended Solids	2 mg/L	M-SOLI-1.0	September 18, 2017
Magnesium (Mg)	6.14 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Magnesium (Mg)	5.80 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Manganese (Mn)	0.0065 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Manganese (Mn)	0.0008 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Dissolved Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Molybdenum (Mo)	0.0006 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Molybdenum (Mo)	0.0007 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Ammonia NH3 (non-ionized)	<0.01 mg N/L	Sous-traitance\H2Lab inc. (SAM)	September 29, 2017
Nickel (Ni)	0.0062 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Nickel (Ni)	0.0057 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Nitrate (NO3)	0.02 mg N/L	Sous-traitance\Multilab Direct	September 20, 2017
Nitrite (NO2)	<0.01 mg N/L	Sous-traitance\Multilab Direct	September 20, 2017
Ortho-Phosphate (O-PO4)	<0.01 mg P/L	Sous-traitance\Multilab Direct	September 21, 2017
Dissolved oxygen	10.2 mg/L	Sous-traitance\Multilab Direct	September 19, 2017
pH	8.01	M-TIT-1.0	September 15, 2017
Total Phosphorus (P)	<0.04 mg P/L	Sous-traitance\H2Lab inc. (SAM)	September 18, 2017
Total Phosphorus (P) (Trace)	4.5 µg P/L	Sous-traitance\H2Lab inc. (SAM)	September 21, 2017
Lead (Pb)	0.0025 mg/L	Sous-traitance\Multilab Direct	October 06, 2017
Dissolved Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	October 05, 2017
Potassium (K)	2.07 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Selenium (Se)	0.001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Reactive silica (SiO2)	0.34 mg/L	Sous-traitance\Maxxam	September 25, 2017
Sodium (Na)	7.54 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Solids	153 mg/L	M-TIT-1.0	September 15, 2017
Strontium (Sr)	0.065 mg/L	Sous-traitance\Multilab Direct	October 03, 2017
dissolved Strontium (Sr)	0.063 mg/L	Sous-traitance\Multilab Direct	October 03, 2017
Sulfate (SO4)	49.9 mg SO4/L	Sous-traitance\Multilab Direct	September 20, 2017
Tellurium (Te)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	October 03, 2017
Dissolved thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	October 03, 2017
Thiocyanate (SCN)	0.23 mg SCN/L	Sous-traitance\Multilab Direct	September 21, 2017
Thiosulfates (S2O3)	<0.02 mg S2O3/L	Sous-traitance\Multilab Direct	September 22, 2017

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

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Analytical Report

Lab number: V-68064

Sample name: KIA-NP2-East

Sampling location: NP2

Sampling date: September 13, 2017

Sampling hour: 11:00

Parameter	Result	Method name	Analysis date
Titanium (Ti)	0.02 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved titanium (Ti)	0.02 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Turbidity	1.03 NTU	Sous-traitance\Multilab Direct	September 19, 2017
Uranium (U)	0.001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Uranium (U)	0.001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Vanadium (V)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Vanadium	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Zinc (Zn)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Zinc	<0.001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017

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Detection limit

Lab number: V-68064

Sample name: KIA-NP2-East

Sampling location: NP2

Sampling date: September 13, 2017

Sampling hour: 11:00

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO ₃ /L	M-TIT-1.0	
Aluminium (Al)	0.003	mg/L	Sous-traitance	
Dissolved Aluminium (Al)	0.003	mg/L	Sous-traitance	
Antimony (Sb)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Antimony (Sb)	0.0001	mg/L	Sous-traitance	
Silver (Ag)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Silver (Ag)	0.0001	mg/L	Sous-traitance	
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Arsenic (As)	0.0005	mg/L	Sous-traitance	
Kjeldahl nitrogen	0.05	mg N/L	Sous-traitance	
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Barium (Ba)	0.0005	mg/L	Sous-traitance	
Beryllium (Be)	0.0005	mg/L	Sous-traitance	
Dissolved Beryllium (Be)	0.0005	mg/L	Sous-traitance	
bicarbonate (HCO ₃)	2	mg CaCO ₃ /L	M-TIT-1.0	
Boron (B)	0.01	mg/L	Sous-traitance	Yes
Dissolved Boron (B)	0.006	mg/L	Sous-traitance	
Bromides	0.01	mg/L	Sous-traitance	
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Dissolved Cadmium (Cd)	0.00002	mg/L	Sous-traitance	
Calcium (Ca)	0.03	mg/L	Sous-traitance	Yes
Carbonate (CO ₃)	2	mg CaCO ₃ /L	M-TIT-1.0	
Dissolved Organic Carbon (D.O.C.)	0.2	mg/L	M-COT-1.0	--
Total Organic Carbon (T.O.C.)	0.2	mg/L	M-COT-1.0	Yes
Chlorophyll A	0.04	µg/L	Sous-traitance	
Chloride	0.5	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Dissolved Chromium (Cr)	0.0006	mg/L	Sous-traitance	
Cobalt (Co)	0.0005	mg/L	Sous-traitance	
Dissolved Cobalt (Co)	0.0005	mg/L	Sous-traitance	
Conductivity	1	µmhos/cm	M-TIT-1.0	Yes
Colour	1	UCV	Sous-traitance	Yes
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Copper (Cu)	0.0005	mg/L	Sous-traitance	
Cyanide W.A.D.	0.001	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO ₃ /L	Sous-traitance	
Tin (Sn)	0.001	mg/L	Sous-traitance	Yes
dissolved Tin (Sn)	0.001	mg/L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes

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Detection limit

Lab number: V-68064

Sample name: KIA-NP2-East

Sampling location: NP2

Sampling date: September 13, 2017

Sampling hour: 11:00

Parameter	Value	Unit	Method	Accreditation
Dissolved Iron (Fe)	0.01	mg/L	Sous-traitance	
Fluoride (F)	0.01	mg/L	Sous-traitance	Yes
Lithium (Li)	0.005	mg/L	Sous-traitance	
Dissolved Lithium (Li)	0.005	mg/L	Sous-traitance	
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Magnesium (Mg)	0.02	mg/L	Sous-traitance	Yes
Dissolved Magnesium (Mg)	0.02	mg/L	Sous-traitance	
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Manganese (Mn)	0.0003	mg/L	Sous-traitance	
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Dissolved Mercury (Hg)	0.00001	mg/L	Sous-traitance	
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Nickel (Ni)	0.0005	mg/L	Sous-traitance	
Nitrate (NO3)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO2)	0.01	mg N/L	Sous-traitance	Yes
Ortho-Phosphate (O-PO4)	0.01	mg P/L	Sous-traitance	Yes
Dissolved oxygen	0.1	mg/L	Sous-traitance	
pH			M-TIT-1.0	Yes
Total Phosphorus (P)	0.04	mg P/L	Sous-traitance	
Total Phosphorus (P) (Trace)	1.9	µg P/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Dissolved Lead (Pb)	0.0003	mg/L	Sous-traitance	
Potassium (K)	0.05	mg/L	Sous-traitance	
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Dissolved Selenium (Se)	0.001	mg/L	Sous-traitance	
Reactive silica (SiO2)		mg/L	Sous-traitance	
Sodium (Na)	0.05	mg/L	Sous-traitance	Yes
Dissolved Solids	1	mg/L	M-TIT-1.0	
Strontium (Sr)	0.005	mg/L	Sous-traitance	
dissolved Strontium (Sr)	0.005	mg/L	Sous-traitance	
Sulfate (SO4)	0.6	mg SO4/L	Sous-traitance	Yes
Tellurium (Te)	0.0005	mg/L	Sous-traitance	
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Dissolved thallium (Tl)	0.0008	mg/L	Sous-traitance	
Thiocyanate (SCN)	0.05	mg SCN/L	Sous-traitance	Yes
Thiosulfates (S2O3)	0.02	mg S2O3/L	Sous-traitance	Yes
Titanium (Ti)	0.01	mg/L	Sous-traitance	
Dissolved titanium (Ti)	0.01	mg/L	Sous-traitance	

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Detection limit

Lab number: V-68064

Sample name: KIA-NP2-East

Sampling location: NP2

Sampling date: September 13, 2017

Sampling hour: 11:00

Parameter	Value	Unit	Method	Accreditation
Turbidity	0.02	UTN	Sous-traitance	Yes
Uranium (U)	0.001	mg/L	Sous-traitance	
Dissolved Uranium (U)	0.001	mg/L	Sous-traitance	
Vanadium (V)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Vanadium	0.0005	mg/L	Sous-traitance	
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes
Dissolved Zinc	0.001	mg/L	Sous-traitance	

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Quality control Report

Lab number: V-68064

Sample name: KIA-NP2-East

Sampling location: NP2

Sampling date: September 13, 2017

Sampling hour: 11:00

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 147 Accuracy 98.6% Limit 123 - 167 Sample duplicate 53-53
Aluminium (Al) mg/L	Blank <0.006 Standard name DMR-0476-2017-22-Eu Result 5.33 Accuracy 85% Limit 5.02 - 7.52
Dissolved Aluminium (Al) mg/L	Blank <0.006 Standard name DMR-0476-2017-22-Eu Result 5.66 Accuracy 90.3% Limit 5.02 - 7.52
Antimony (Sb) mg/L	Blank <0.0001 Standard name DMR-0476-2017-22-Eu Result 0.2168 Accuracy 97.7% Limit 0.178 - 0.266
Dissolved Antimony (Sb) mg/L	Blank <0.0001 Standard name C00-046-705_X_1000 Result 0.0117 Accuracy 83% Limit 0.0080 - 0.0120
Silver (Ag) mg/L	Blank <0.0001
Dissolved Silver (Ag) mg/L	Blank <0.0001
Arsenic (As) mg/L	Blank <0.0005 Standard name DMR-0476-2017-22-Eu Result 0.2691 Accuracy 94.8% Limit 0.199 - 0.369
Dissolved Arsenic (As) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0879 Accuracy 87.9% Limit 0.0800 - 0.1200
Barium (Ba) mg/L	Blank <0.0005 Standard name DMR-0476-2017-22-Eu Result 2.784

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Quality control Report

Lab number: V-68064

Sample name: KIA-NP2-East

Sampling location: NP2

Sampling date: September 13, 2017

Sampling hour: 11:00

Parameter	
Dissolved Barium (Ba) mg/L	Accuracy 85.4%
	Limit 1.94 - 2.92
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1092
Beryllium (Be) mg/L	Accuracy 90.8%
	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu
	Result 1.497
Dissolved Beryllium (Be) mg/L	Accuracy 88.1%
	Limit 1.36 - 2.04
	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu
	Result 1.540
bicarbonate (HCO ₃) mg CaCO ₃ /L Boron (B) mg/L	Accuracy 90.6%
	Limit 1.36 - 2.04
	Sample duplicate 53-53
	Blank <0.01
	Standard name DMR-0476-2017-22-Eu
Dissolved Boron (B) mg/L	Result 2.80
	Accuracy 97.2%
	Limit 2.30 - 3.46
	Blank <0.01
	Standard name C00-046-705_X_1000
Bromides mg/L	Result 0.84
	Accuracy 84%
	Limit 0.800 - 1.200
	Blank <0.01
	Standard name DMR-0119-2017-Br
Cadmium (Cd) mg/L	Result 4.97
	Accuracy 88.3%
	Limit 4.50 - 6.76
	Blank <0.00002
	Standard name DMR-0476-2017-22-Eu
Dissolved Cadmium (Cd) mg/L	Result 0.97801
	Accuracy 91.5%
	Limit 0.721 - 1.081
	Blank <0.00002
	Standard name C00-046-705_X_1000

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Quality control Report

Lab number: V-68064

Sample name: KIA-NP2-East

Sampling location: NP2

Sampling date: September 13, 2017

Sampling hour: 11:00

Parameter	
	Result 0.10208
	Accuracy 97.9%
	Limit 0.0800 - 0.1200
Calcium (Ca) mg/L	Standard name C00-046-705_X_1000
	Result 0.87
	Accuracy 87%
	Limit 0.800 - 1.200
Carbonate (CO ₃) mg CaCO ₃ /L	Sample duplicate <2-<2
Dissolved Organic Carbon (D.O.C.) mg/L	Blank <0.2
	Standard name COD 10mg/L
	Result 10
	Accuracy 100%
	Limit 8 - 12
	Sample duplicate 5.9-5.5
Total Organic Carbon (T.O.C.) mg/L	Blank <0.2
	Standard name COT 10mg/L
	Result 10
	Accuracy 100%
	Limit 8 - 12
	Sample duplicate 5.9-6.0
Chloride mg/L	Blank <0.5
	Standard name DMR-0476-2017-13-CL
	Result 112
	Accuracy 96.3%
	Limit 95 - 121
Chrome (Cr) mg/L	Blank <0.0006
	Standard name DMR-0476-2017-22-Eu
	Result 3.991
	Accuracy 98.5%
	Limit 3.24 - 4.86
Dissolved Chromium (Cr) mg/L	Blank <0.0006
	Standard name C00-046-705_X_1000
	Result 0.0925
	Accuracy 92.5%
	Limit 0.0800 - 0.1200
Cobalt (Co) mg/L	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu
	Result 1.588
	Accuracy 98.2%
	Limit 1.25 - 1.87

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Quality control Report

Lab number: V-68064

Sample name: KIA-NP2-East

Sampling location: NP2

Sampling date: September 13, 2017

Sampling hour: 11:00

Parameter	
Dissolved Cobalt (Co) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0953 Accuracy 95.3% Limit 0.0800 - 0.1200
Conductivity µmhos/cm	Standard name STD cond maison Result 1407 Accuracy 99.4% Limit 1203 - 1627 Sample duplicate 230-229
Colour UCV	Blank <1 Standard name DMR-0417-2017-Coul Result 100 Accuracy 85.1% Limit 67 - 107
Copper (Cu) mg/L	Blank <0.0005 Standard name DMR-0476-2017-22-Eu Result 1.344 Accuracy 95% Limit 1.02 - 1.54
Dissolved Copper (Cu) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0928 Accuracy 92.8% Limit 0.0800 - 0.1200
Cyanide W.A.D. mg/L	Blank <0.001 Standard name DMR-0343-CN Result 0.835 Accuracy 94.6% Limit 0.751 - 1.015
Total Cyanide (CNT) mg/L	Blank <0.001 Standard name DMR-0343-CN Result 1.17 Accuracy 99.2% Limit 1.003 - 1.357
Tin (Sn) mg/L	Blank <0.001
dissolved Tin (Sn) mg/L	Blank <0.001 Standard name C00-046-705_X_1000 Result 0.104 Accuracy 96%

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Quality control Report

Lab number: V-68064

Sample name: KIA-NP2-East

Sampling location: NP2

Sampling date: September 13, 2017

Sampling hour: 11:00

Parameter	
Iron (Fe) mg/L	Limit 0.0700 - 0.1300
	Blank <0.01
	Standard name DMR-0476-2017-22-Eu
	Result 11.8
	Accuracy 96.5%
Dissolved Iron (Fe) mg/L	Limit 9.1 - 13.7
	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 0.95
	Accuracy 95%
Fluoride (F) mg/L	Limit 0.800 - 1.200
	Blank <0.02
	Standard name Controle maison 2 ppm F
	Result 1.93
	Accuracy 96.5%
Lithium (Li) mg/L	Limit 1.85 - 2.15
	Blank <0.005
Total Suspended Solids mg/L	Blank <1
	Standard name STD-MES 25mg/L
	Result 26
	Accuracy 96%
Magnesium (Mg) mg/L	Limit 19 - 31
	Blank <0.02
	Standard name DMR-0476-2017-22-Eu
	Result 7.00
	Accuracy 88.5%
Dissolved Magnesium (Mg) mg/L	Limit 6.33 - 9.49
	Blank <0.02
	Standard name C00-046-705_X_1000
	Result 0.83
	Accuracy 83%
Manganese (Mn) mg/L	Limit 0.800 - 1.200
	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu
	Result 4.264
	Accuracy 90.7%
Dissolved Manganese (Mn) mg/L	Limit 3.12 - 4.68
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1052

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Quality control Report

Lab number: V-68064

Sample name: KIA-NP2-East

Sampling location: NP2

Sampling date: September 13, 2017

Sampling hour: 11:00

Parameter	
Mercury (Hg) mg/L	Accuracy 94.8%
	Limit 0.0800 - 0.1200
	Blank <0.00001
	Standard name DMR-0426-2016-HgEu-1
	Result 0.00334
Dissolved Mercury (Hg) mg/L	Accuracy 77.7%
	Limit 0.0026 - 0.0060
	Blank <0.00001
	Standard name DMR-0426-2016-HgEu-1
	Result 0.00299
Molybdenum (Mo) mg/L	Accuracy 69.5%
	Limit 0.0026 - 0.0060
	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu
	Result 0.7125
Dissolved Molybdenum (Mo) mg/L	Accuracy 99.4%
	Limit 0.566 - 0.850
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1016
Nickel (Ni) mg/L	Accuracy 98.4%
	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu
	Result 1.095
Dissolved Nickel (Ni) mg/L	Accuracy 96.1%
	Limit 0.91 - 1.37
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0915
Nitrate (NO ₃) mg N/L	Accuracy 91.5%
	Limit 0.0800 - 0.1200
	Blank <0.01
Nitrite (NO ₂) mg N/L	Blank <0.01
	Standard name DMR-0417-2017-NO2
Result 2.65	
Ortho-Phosphate (O-PO ₄) mg P/	Accuracy 97.8%
	Limit 2.30 - 3.12
	Blank <0.01
	Standard name DMR-0417-2017-OPO4

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Quality control Report

Lab number: V-68064

Sample name: KIA-NP2-East

Sampling location: NP2

Sampling date: September 13, 2017

Sampling hour: 11:00

Parameter	
pH	Result 3.28
	Accuracy 97.2%
	Limit 2.81 - 3.57
	Sample duplicate <0.01-<0.01
	Standard name STD pH 7.0
Lead (Pb) mg/L	Result 7.03
	Accuracy 99.6%
	Limit 6.96 - 7.04
	Sample duplicate 8.01-8.01
	Blank <0.0003
Dissolved Lead (Pb) mg/L	Standard name DMR-0476-2017-22-Eu
	Result 0.8841
	Accuracy 97.9%
	Limit 0.722 - 1.084
	Blank <0.0003
Potassium (K) mg/L	Standard name C00-046-705_X_1000
	Result 0.0986
	Accuracy 98.6%
	Limit 0.0800 - 0.1200
	Standard name C00-046-705_X_1000
Selenium (Se) mg/L	Result 0.93
	Accuracy 93%
	Limit 0.800 - 1.200
	Blank <0.001
	Standard name DMR-0476-2017-22-Eu
Dissolved Selenium (Se) mg/L	Result 1.48
	Accuracy 90.4%
	Limit 1.08 - 1.62
	Blank <0.001
	Standard name C00-046-705_X_1000
Dissolved Solids mg/L	Result 0.101
	Accuracy 99%
	Limit 0.0800 - 0.1200
	Sample duplicate 153-152
	Blank <0.005
Strontium (Sr) mg/L	Blank <0.005
Sulfate (SO4) mg SO4/L	Blank <0.6
	Standard name DMR-0417-2017-SO4
	Result 125
	Accuracy 98.4%
	Limit 114 - 132

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Quality control Report

Lab number: V-68064

Sample name: KIA-NP2-East

Sampling location: NP2

Sampling date: September 13, 2017

Sampling hour: 11:00

Parameter

Tellurium (Te) mg/L Standard name C00-046-705_X_1000

Result 0.0877

Accuracy 87.7%

Limit 0.0800 - 0.1200

Thallium (Tl) mg/L Blank <0.0008

Standard name Tl-S140909023-1000ppm

Result 838

Accuracy 83.8%

Limit 800 - 1200

Thiocyanate (SCN) mg SCN/L Blank <0.05

Standard name STD SCN 568ppm

Result 594

Accuracy 95.4%

Limit 398 - 738

Thiosulfates (S2O3) mg S2O3/L Blank <0.02

Standard name S2O3-225ppm

Result 270

Accuracy 80%

Limit 158 - 293

Sample duplicate <0.02-<0.02

Titanium (Ti) mg/L Blank <0.01

Dissolved titanium (Ti) mg/L Blank <0.01

Turbidity UTN Standard name DMR-0417-2017-Turb

Result 5.38

Accuracy 96.3%

Limit 4.41 - 5.97

Uranium (U) mg/L Blank <0.001

Standard name DMR-0476-2017-22-Eu

Result 2.01

Accuracy 85.8%

Limit 1.41 - 2.11

Dissolved Uranium (U) mg/L Blank <0.001

Standard name C00-046-705_X_1000

Result 0.112

Accuracy 88%

Limit 0.0800 - 0.1200

Vanadium (V) mg/L Blank <0.0005

Standard name DMR-0476-2017-22-Eu

Result 1.933

Accuracy 97.1%

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Quality control Report

Lab number: V-68064

Sample name: KIA-NP2-East

Sampling location: NP2

Sampling date: September 13, 2017

Sampling hour: 11:00

Parameter

Dissolved Vanadium mg/L
Limit 1.59 - 2.39
Blank <0.0005
Standard name C00-046-705_X_1000
Result 0.0914
Accuracy 91.4%

Zinc (Zn) mg/L
Limit 0.0800 - 0.1200
Blank <0.001
Standard name DMR-0476-2017-22-Eu
Result 4.83
Accuracy 94.1%

Dissolved Zinc mg/L
Limit 3.65 - 5.47
Blank <0.001
Standard name C00-046-705_X_1000
Result 0.101
Accuracy 99%

Limit 0.0800 - 0.1200

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Additional information

Lab number: V-68064

Sample name: KIA-NP2-East

Sampling location: NP2

Sampling date: September 13, 2017

Sampling hour: 11:00

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-CL-2.0	MA.300-Ions 1.3
M-COUL-1.0	MA.103-Col. 2.0
M-CN-1.0	MA.300-CN 1.2
M-CI-1.0	MA.300-Anions 1.0
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-P-2.0	MA.303-P 1.1
M-SULF-2.0	MA.300-Ions 1.3
M-TURB-1.0	MA.103-Tur. 1.0

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

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

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

Lab number: V-68064

Sampling location: NP2

Sampling date: September 13, 2017

Sample name: KIA-NP2-East

Sampling hour: 11:00

Sampled by: MT

Date received: September 15, 2017

Matrix: Water

Drinking water distribution:

Reported on: October 11, 2017

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

Results relate only to the sample tested.

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

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

Lab number: V-68064

Sample name: KIA-NP2-East

Sampling location: NP2

Sampling date: September 13, 2017

Sampling hour: 11:00

Parameter	Result	Method name	Analysis date
Alkalinity	53 mg CaCO ₃ /L	M-TIT-1.0	September 15, 2017
Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Antimony (Sb)	0.0001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Antimony (Sb)	<0.0001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	<0.05 mg N/L	Sous-traitance\H2Lab inc. (SAM)	September 19, 2017
Kjeldahl nitrogen	<0.70 mg N/L	Sous-traitance\H2Lab inc. (SAM)	September 27, 2017
Barium (Ba)	0.0051 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Barium (Ba)	0.0066 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
bicarbonate (HCO ₃)	53 mg CaCO ₃ /L	M-TIT-1.0	September 15, 2017
Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Bromides	0.05 mg/L	Sous-traitance\Multilab Direct	October 03, 2017
Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Calcium (Ca)	17.0 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Carbonate (CO ₃)	<2 mg CaCO ₃ /L	M-TIT-1.0	September 15, 2017
Dissolved Organic Carbon (D.O.C.)	5.9 mg/L	M-COT-1.0	September 15, 2017
Total Organic Carbon (T.O.C.)	5.9 mg/L	M-COT-1.0	September 15, 2017
Chlorophyll A	1.1 µg/L	Sous-traitance\H2Lab inc. (SAM)	October 03, 2017
Chloride	4.2 mg/L	Sous-traitance\Multilab Direct	September 22, 2017
Chrome (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Chromium (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Cobalt (Co)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Cobalt (Co)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Conductivity	230 µmhos/cm	M-TIT-1.0	September 15, 2017
Colour	6 Colour units	Sous-traitance\Multilab Direct	September 20, 2017
Copper (Cu)	0.0022 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Copper (Cu)	0.0022 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Cyanide W.A.D.	0.001 mg/L	Sous-traitance\Multilab Direct	September 22, 2017
Total Cyanide (CNT)	0.002 mg/L	Sous-traitance\Multilab Direct	September 22, 2017
Hardness	66 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	September 29, 2017
Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
dissolved Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017

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Analytical Report

Lab number: V-68064

Sample name: KIA-NP2-East

Sampling location: NP2

Sampling date: September 13, 2017

Sampling hour: 11:00

Parameter	Result	Method name	Analysis date
Iron (Fe)	0.03 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Iron (Fe)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Fluoride (F)	0.14 mg/L	Sous-traitance\Multilab Direct	October 28, 2017
Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	October 03, 2017
Dissolved Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	October 03, 2017
Total Suspended Solids	2 mg/L	M-SOLI-1.0	September 18, 2017
Magnesium (Mg)	6.14 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Magnesium (Mg)	5.80 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Manganese (Mn)	0.0065 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Manganese (Mn)	0.0008 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Dissolved Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Molybdenum (Mo)	0.0006 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Molybdenum (Mo)	0.0007 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Ammonia NH3 (non-ionized)	<0.01 mg N/L	Sous-traitance\H2Lab inc. (SAM)	September 29, 2017
Nickel (Ni)	0.0062 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Nickel (Ni)	0.0057 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Nitrate (NO3)	0.02 mg N/L	Sous-traitance\Multilab Direct	September 20, 2017
Nitrite (NO2)	<0.01 mg N/L	Sous-traitance\Multilab Direct	September 20, 2017
Ortho-Phosphate (O-PO4)	<0.01 mg P/L	Sous-traitance\Multilab Direct	September 21, 2017
Dissolved oxygen	10.2 mg/L	Sous-traitance\Multilab Direct	September 19, 2017
pH	8.01	M-TIT-1.0	September 15, 2017
Total Phosphorus (P)	<0.04 mg P/L	Sous-traitance\H2Lab inc. (SAM)	September 18, 2017
Total Phosphorus (P) (Trace)	4.5 µg P/L	Sous-traitance\H2Lab inc. (SAM)	September 21, 2017
Lead (Pb)	0.0025 mg/L	Sous-traitance\Multilab Direct	October 06, 2017
Dissolved Lead (Pb)	0.1397 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Potassium (K)	2.07 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Selenium (Se)	0.001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Reactive silica (SiO2)	0.34 mg/L	Sous-traitance\Maxxam	September 25, 2017
Sodium (Na)	7.54 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Solids	153 mg/L	M-TIT-1.0	September 15, 2017
Strontium (Sr)	0.065 mg/L	Sous-traitance\Multilab Direct	October 03, 2017
dissolved Strontium (Sr)	0.063 mg/L	Sous-traitance\Multilab Direct	October 03, 2017
Sulfate (SO4)	49.9 mg SO4/L	Sous-traitance\Multilab Direct	September 20, 2017
Tellurium (Te)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	October 03, 2017
Dissolved thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	October 03, 2017
Thiocyanate (SCN)	0.23 mg SCN/L	Sous-traitance\Multilab Direct	September 21, 2017
Thiosulfates (S2O3)	<0.02 mg S2O3/L	Sous-traitance\Multilab Direct	September 22, 2017

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Analytical Report

Lab number: V-68064

Sample name: KIA-NP2-East

Sampling location: NP2

Sampling date: September 13, 2017

Sampling hour: 11:00

Parameter	Result	Method name	Analysis date
Titanium (Ti)	0.02 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved titanium (Ti)	0.02 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Turbidity	1.03 NTU	Sous-traitance\Multilab Direct	September 19, 2017
Uranium (U)	0.001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Uranium (U)	0.001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Vanadium (V)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Vanadium	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Zinc (Zn)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Zinc	<0.001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017

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Detection limit

Lab number: V-68064

Sample name: KIA-NP2-East

Sampling location: NP2

Sampling date: September 13, 2017

Sampling hour: 11:00

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO ₃ /L	M-TIT-1.0	
Aluminium (Al)	0.003	mg/L	Sous-traitance	
Dissolved Aluminium (Al)	0.003	mg/L	Sous-traitance	
Antimony (Sb)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Antimony (Sb)	0.0001	mg/L	Sous-traitance	
Silver (Ag)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Silver (Ag)	0.0001	mg/L	Sous-traitance	
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Arsenic (As)	0.0005	mg/L	Sous-traitance	
Kjeldahl nitrogen	0.05	mg N/L	Sous-traitance	
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Barium (Ba)	0.0005	mg/L	Sous-traitance	
Beryllium (Be)	0.0005	mg/L	Sous-traitance	
Dissolved Beryllium (Be)	0.0005	mg/L	Sous-traitance	
bicarbonate (HCO ₃)	2	mg CaCO ₃ /L	M-TIT-1.0	
Boron (B)	0.01	mg/L	Sous-traitance	Yes
Dissolved Boron (B)	0.006	mg/L	Sous-traitance	
Bromides	0.01	mg/L	Sous-traitance	
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Dissolved Cadmium (Cd)	0.00002	mg/L	Sous-traitance	
Calcium (Ca)	0.03	mg/L	Sous-traitance	Yes
Carbonate (CO ₃)	2	mg CaCO ₃ /L	M-TIT-1.0	
Dissolved Organic Carbon (D.O.C.)	0.2	mg/L	M-COT-1.0	--
Total Organic Carbon (T.O.C.)	0.2	mg/L	M-COT-1.0	Yes
Chlorophyll A	0.04	µg/L	Sous-traitance	
Chloride	0.5	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Dissolved Chromium (Cr)	0.0006	mg/L	Sous-traitance	
Cobalt (Co)	0.0005	mg/L	Sous-traitance	
Dissolved Cobalt (Co)	0.0005	mg/L	Sous-traitance	
Conductivity	1	µmhos/cm	M-TIT-1.0	Yes
Colour	1	UCV	Sous-traitance	Yes
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Copper (Cu)	0.0005	mg/L	Sous-traitance	
Cyanide W.A.D.	0.001	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO ₃ /L	Sous-traitance	
Tin (Sn)	0.001	mg/L	Sous-traitance	Yes
dissolved Tin (Sn)	0.001	mg/L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes

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Detection limit

Lab number: V-68064

Sample name: KIA-NP2-East

Sampling location: NP2

Sampling date: September 13, 2017

Sampling hour: 11:00

Parameter	Value	Unit	Method	Accreditation
Dissolved Iron (Fe)	0.01	mg/L	Sous-traitance	
Fluoride (F)	0.01	mg/L	Sous-traitance	Yes
Lithium (Li)	0.005	mg/L	Sous-traitance	
Dissolved Lithium (Li)	0.005	mg/L	Sous-traitance	
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Magnesium (Mg)	0.02	mg/L	Sous-traitance	Yes
Dissolved Magnesium (Mg)	0.02	mg/L	Sous-traitance	
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Manganese (Mn)	0.0003	mg/L	Sous-traitance	
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Dissolved Mercury (Hg)	0.00001	mg/L	Sous-traitance	
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Nickel (Ni)	0.0005	mg/L	Sous-traitance	
Nitrate (NO3)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO2)	0.01	mg N/L	Sous-traitance	Yes
Ortho-Phosphate (O-PO4)	0.01	mg P/L	Sous-traitance	Yes
Dissolved oxygen	0.1	mg/L	Sous-traitance	
pH			M-TIT-1.0	Yes
Total Phosphorus (P)	0.04	mg P/L	Sous-traitance	
Total Phosphorus (P) (Trace)	1.9	µg P/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Dissolved Lead (Pb)	0.0003	mg/L	Sous-traitance	
Potassium (K)	0.05	mg/L	Sous-traitance	
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Dissolved Selenium (Se)	0.001	mg/L	Sous-traitance	
Reactive silica (SiO2)		mg/L	Sous-traitance	
Sodium (Na)	0.05	mg/L	Sous-traitance	Yes
Dissolved Solids	1	mg/L	M-TIT-1.0	
Strontium (Sr)	0.005	mg/L	Sous-traitance	
dissolved Strontium (Sr)	0.005	mg/L	Sous-traitance	
Sulfate (SO4)	0.6	mg SO4/L	Sous-traitance	Yes
Tellurium (Te)	0.0005	mg/L	Sous-traitance	
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Dissolved thallium (Tl)	0.0008	mg/L	Sous-traitance	
Thiocyanate (SCN)	0.05	mg SCN/L	Sous-traitance	Yes
Thiosulfates (S2O3)	0.02	mg S2O3/L	Sous-traitance	Yes
Titanium (Ti)	0.01	mg/L	Sous-traitance	
Dissolved titanium (Ti)	0.01	mg/L	Sous-traitance	

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Detection limit

Lab number: V-68064

Sample name: KIA-NP2-East

Sampling location: NP2

Sampling date: September 13, 2017

Sampling hour: 11:00

Parameter	Value	Unit	Method	Accreditation
Turbidity	0.02	UTN	Sous-traitance	Yes
Uranium (U)	0.001	mg/L	Sous-traitance	
Dissolved Uranium (U)	0.001	mg/L	Sous-traitance	
Vanadium (V)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Vanadium	0.0005	mg/L	Sous-traitance	
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes
Dissolved Zinc	0.001	mg/L	Sous-traitance	

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Quality control Report

Lab number: V-68064

Sample name: KIA-NP2-East

Sampling location: NP2

Sampling date: September 13, 2017

Sampling hour: 11:00

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 147 Accuracy 98.6% Limit 123 - 167 Sample duplicate 53-53
Aluminium (Al) mg/L	Blank <0.006 Standard name DMR-0476-2017-22-Eu Result 5.33 Accuracy 85% Limit 5.02 - 7.52
Dissolved Aluminium (Al) mg/L	Blank <0.006 Standard name DMR-0476-2017-22-Eu Result 5.66 Accuracy 90.3% Limit 5.02 - 7.52
Antimony (Sb) mg/L	Blank <0.0001 Standard name DMR-0476-2017-22-Eu Result 0.2168 Accuracy 97.7% Limit 0.178 - 0.266
Dissolved Antimony (Sb) mg/L	Blank <0.0001 Standard name C00-046-705_X_1000 Result 0.0117 Accuracy 83% Limit 0.0080 - 0.0120
Silver (Ag) mg/L	Blank <0.0001
Dissolved Silver (Ag) mg/L	Blank <0.0001
Arsenic (As) mg/L	Blank <0.0005 Standard name DMR-0476-2017-22-Eu Result 0.2691 Accuracy 94.8% Limit 0.199 - 0.369
Dissolved Arsenic (As) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0879 Accuracy 87.9% Limit 0.0800 - 0.1200
Barium (Ba) mg/L	Blank <0.0005 Standard name DMR-0476-2017-22-Eu Result 2.784

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Quality control Report

Lab number: V-68064

Sample name: KIA-NP2-East

Sampling location: NP2

Sampling date: September 13, 2017

Sampling hour: 11:00

Parameter	
Dissolved Barium (Ba) mg/L	Accuracy 85.4%
	Limit 1.94 - 2.92
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1092
Beryllium (Be) mg/L	Accuracy 90.8%
	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu
	Result 1.497
Dissolved Beryllium (Be) mg/L	Accuracy 88.1%
	Limit 1.36 - 2.04
	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu
	Result 1.540
bicarbonate (HCO ₃) mg CaCO ₃ /L Boron (B) mg/L	Accuracy 90.6%
	Limit 1.36 - 2.04
	Blank <0.01
	Standard name DMR-0476-2017-22-Eu
	Result 2.80
Dissolved Boron (B) mg/L	Accuracy 97.2%
	Limit 2.30 - 3.46
	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 0.84
Bromides mg/L	Accuracy 84%
	Limit 0.800 - 1.200
	Blank <0.01
	Standard name DMR-0119-2017-Br
	Result 4.97
Cadmium (Cd) mg/L	Accuracy 88.3%
	Limit 4.50 - 6.76
	Blank <0.00002
	Standard name DMR-0476-2017-22-Eu
	Result 0.97801
Dissolved Cadmium (Cd) mg/L	Accuracy 91.5%
	Limit 0.721 - 1.081
	Blank <0.00002
	Standard name C00-046-705_X_1000
	Result 0.97801

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Quality control Report

Lab number: V-68064

Sample name: KIA-NP2-East

Sampling location: NP2

Sampling date: September 13, 2017

Sampling hour: 11:00

Parameter	
	Result 0.10208
	Accuracy 97.9%
	Limit 0.0800 - 0.1200
Calcium (Ca) mg/L	Standard name C00-046-705_X_1000
	Result 0.87
	Accuracy 87%
	Limit 0.800 - 1.200
Carbonate (CO ₃) mg CaCO ₃ /L	Sample duplicate <2-<2
Dissolved Organic Carbon (D.O.C.)	Blank <0.2
	Standard name COD 10mg/L
	Result 10
	Accuracy 100%
	Limit 8 - 12
	Sample duplicate 5.9-5.5
Total Organic Carbon (T.O.C.) m	Blank <0.2
	Standard name COT 10mg/L
	Result 10
	Accuracy 100%
	Limit 8 - 12
	Sample duplicate 5.9-6.0
Chloride mg/L	Blank <0.5
	Standard name DMR-0476-2017-13-CL
	Result 112
	Accuracy 96.3%
	Limit 95 - 121
Chrome (Cr) mg/L	Blank <0.0006
	Standard name DMR-0476-2017-22-Eu
	Result 3.991
	Accuracy 98.5%
	Limit 3.24 - 4.86
Dissolved Chromium (Cr) mg/L	Blank <0.0006
	Standard name C00-046-705_X_1000
	Result 0.0925
	Accuracy 92.5%
	Limit 0.0800 - 0.1200
Cobalt (Co) mg/L	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu
	Result 1.588
	Accuracy 98.2%
	Limit 1.25 - 1.87

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Quality control Report

Lab number: V-68064

Sample name: KIA-NP2-East

Sampling location: NP2

Sampling date: September 13, 2017

Sampling hour: 11:00

Parameter	
Dissolved Cobalt (Co) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0953 Accuracy 95.3% Limit 0.0800 - 0.1200
Conductivity µmhos/cm	Standard name STD cond maison Result 1407 Accuracy 99.4% Limit 1203 - 1627 Sample duplicate 230-229
Colour UCV	Blank <1 Standard name DMR-0417-2017-Coul Result 100 Accuracy 85.1% Limit 67 - 107
Copper (Cu) mg/L	Blank <0.0005 Standard name DMR-0476-2017-22-Eu Result 1.344 Accuracy 95% Limit 1.02 - 1.54
Dissolved Copper (Cu) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0928 Accuracy 92.8% Limit 0.0800 - 0.1200
Cyanide W.A.D. mg/L	Blank <0.001 Standard name DMR-0343-CN Result 0.835 Accuracy 94.6% Limit 0.751 - 1.015
Total Cyanide (CNT) mg/L	Blank <0.001 Standard name DMR-0343-CN Result 1.17 Accuracy 99.2% Limit 1.003 - 1.357
Tin (Sn) mg/L	Blank <0.001
dissolved Tin (Sn) mg/L	Blank <0.001 Standard name C00-046-705_X_1000 Result 0.104 Accuracy 96%

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

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Quality control Report

Lab number: V-68064

Sample name: KIA-NP2-East

Sampling location: NP2

Sampling date: September 13, 2017

Sampling hour: 11:00

Parameter	
Iron (Fe) mg/L	Limit 0.0700 - 0.1300
	Blank <0.01
	Standard name DMR-0476-2017-22-Eu
	Result 11.8
	Accuracy 96.5%
Dissolved Iron (Fe) mg/L	Limit 9.1 - 13.7
	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 0.95
	Accuracy 95%
Fluoride (F) mg/L	Limit 0.800 - 1.200
	Blank <0.02
	Standard name Controle maison 2 ppm F
	Result 1.93
	Accuracy 96.5%
Lithium (Li) mg/L	Limit 1.85 - 2.15
	Blank <0.005
Total Suspended Solids mg/L	Blank <1
	Standard name STD-MES 25mg/L
	Result 26
	Accuracy 96%
Magnesium (Mg) mg/L	Limit 19 - 31
	Blank <0.02
	Standard name DMR-0476-2017-22-Eu
	Result 7.00
	Accuracy 88.5%
Dissolved Magnesium (Mg) mg/L	Limit 6.33 - 9.49
	Blank <0.02
	Standard name C00-046-705_X_1000
	Result 0.83
	Accuracy 83%
Manganese (Mn) mg/L	Limit 0.800 - 1.200
	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu
	Result 4.264
	Accuracy 90.7%
Dissolved Manganese (Mn) mg/L	Limit 3.12 - 4.68
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1052

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Quality control Report

Lab number: V-68064

Sample name: KIA-NP2-East

Sampling location: NP2

Sampling date: September 13, 2017

Sampling hour: 11:00

Parameter	
Mercury (Hg) mg/L	Accuracy 94.8%
	Limit 0.0800 - 0.1200
	Blank <0.00001
	Standard name DMR-0426-2016-HgEu-1
	Result 0.00334
Dissolved Mercury (Hg) mg/L	Accuracy 77.7%
	Limit 0.0026 - 0.0060
	Blank <0.00001
	Standard name DMR-0426-2016-HgEu-1
	Result 0.00299
Molybdenum (Mo) mg/L	Accuracy 69.5%
	Limit 0.0026 - 0.0060
	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu
	Result 0.7125
Dissolved Molybdenum (Mo) mg/L	Accuracy 99.4%
	Limit 0.566 - 0.850
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1016
Nickel (Ni) mg/L	Accuracy 98.4%
	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu
	Result 1.095
Dissolved Nickel (Ni) mg/L	Accuracy 96.1%
	Limit 0.91 - 1.37
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0915
Nitrate (NO ₃) mg N/L	Accuracy 91.5%
	Limit 0.0800 - 0.1200
	Blank <0.01
Nitrite (NO ₂) mg N/L	Blank <0.01
	Standard name DMR-0417-2017-NO2
Result 2.65	
Ortho-Phosphate (O-PO ₄) mg P/L	Accuracy 97.8%
	Limit 2.30 - 3.12
	Blank <0.01
	Standard name DMR-0417-2017-OPO4

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Quality control Report

Lab number: V-68064

Sample name: KIA-NP2-East

Sampling location: NP2

Sampling date: September 13, 2017

Sampling hour: 11:00

Parameter	
pH	Result 3.28
	Accuracy 97.2%
	Limit 2.81 - 3.57
	Sample duplicate <0.01-<0.01
	Standard name STD pH 7.0
Lead (Pb) mg/L	Result 7.03
	Accuracy 99.6%
	Limit 6.96 - 7.04
	Sample duplicate 8.01-8.01
	Blank <0.0003
Dissolved Lead (Pb) mg/L	Standard name DMR-0476-2017-22-Eu
	Result 0.8841
	Accuracy 97.9%
	Limit 0.722 - 1.084
	Blank <0.0003
Potassium (K) mg/L	Standard name C00-046-705_X_1000
	Result 0.0986
	Accuracy 98.6%
	Limit 0.0800 - 0.1200
	Standard name C00-046-705_X_1000
Selenium (Se) mg/L	Result 0.93
	Accuracy 93%
	Limit 0.800 - 1.200
	Blank <0.001
	Standard name DMR-0476-2017-22-Eu
Dissolved Selenium (Se) mg/L	Result 1.48
	Accuracy 90.4%
	Limit 1.08 - 1.62
	Blank <0.001
	Standard name C00-046-705_X_1000
Dissolved Solids mg/L	Result 0.101
	Accuracy 99%
	Limit 0.0800 - 0.1200
	Sample duplicate 153-152
	Blank <0.005
Strontium (Sr) mg/L	Blank <0.005
Sulfate (SO4) mg SO4/L	Blank <0.6
	Standard name DMR-0417-2017-SO4
	Result 125
	Accuracy 98.4%
	Limit 114 - 132

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Quality control Report

Lab number: V-68064

Sample name: KIA-NP2-East

Sampling location: NP2

Sampling date: September 13, 2017

Sampling hour: 11:00

Parameter	
Tellurium (Te) mg/L	Standard name C00-046-705_X_1000
	Result 0.0877
	Accuracy 87.7%
	Limit 0.0800 - 0.1200
Thallium (Tl) mg/L	Blank <0.0008
	Standard name Tl-S140909023-1000ppm
	Result 838
	Accuracy 83.8%
Thiocyanate (SCN) mg SCN/L	Limit 800 - 1200
	Blank <0.05
	Standard name STD SCN 568ppm
	Result 594
Thiosulfates (S2O3) mg S2O3/L	Accuracy 95.4%
	Limit 398 - 738
	Blank <0.02
	Standard name S2O3-225ppm
Titanium (Ti) mg/L	Result 270
	Accuracy 80%
	Limit 158 - 293
	Sample duplicate <0.02-<0.02
Dissolved titanium (Ti) mg/L	Blank <0.01
	Blank <0.01
	Standard name DMR-0417-2017-Turb
	Result 5.38
Turbidity UTN	Accuracy 96.3%
	Limit 4.41 - 5.97
	Blank <0.001
	Standard name DMR-0476-2017-22-Eu
Uranium (U) mg/L	Result 2.01
	Accuracy 85.8%
	Limit 1.41 - 2.11
	Blank <0.001
Dissolved Uranium (U) mg/L	Standard name C00-046-705_X_1000
	Result 0.112
	Accuracy 88%
	Limit 0.0800 - 0.1200
Vanadium (V) mg/L	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu
	Result 1.933
	Accuracy 97.1%

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Additional information

Lab number: V-68064

Sample name: KIA-NP2-East

Sampling location: NP2

Sampling date: September 13, 2017

Sampling hour: 11:00

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-CL-2.0	MA.300-Ions 1.3
M-COUL-1.0	MA.103-Col. 2.0
M-CN-1.0	MA.300-CN 1.2
M-CI-1.0	MA.300-Anions 1.0
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-P-2.0	MA.303-P 1.1
M-SULF-2.0	MA.300-Ions 1.3
M-TURB-1.0	MA.103-Tur. 1.0

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

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

Lab number: V-68062

Sampling location: NP2

Sampling date: September 13, 2017

Sample name: KIA-NP2 South

Sampling hour: 11:00

Sampled by: MT

Date received: September 15, 2017

Matrix: Water

Drinking water distribution:

Reported on: October 11, 2017

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

Results relate only to the sample tested.

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

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Analytical Report

Lab number: V-68062

Sample name: KIA-NP2 South

Sampling location: NP2

Sampling date: September 13, 2017

Sampling hour: 11:00

Parameter	Result	Method name	Analysis date
Alkalinity	54 mg CaCO ₃ /L	M-TIT-1.0	September 15, 2017
Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Antimony (Sb)	0.0001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Antimony (Sb)	0.0001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	<0.05 mg N/L	Sous-traitance\H2Lab inc. (SAM)	September 19, 2017
Kjeldahl nitrogen	<0.70 mg N/L	Sous-traitance\H2Lab inc. (SAM)	September 27, 2017
Barium (Ba)	0.0049 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Barium (Ba)	0.0064 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
bicarbonate (HCO ₃)	54 mg CaCO ₃ /L	M-TIT-1.0	September 15, 2017
Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Bromides	0.06 mg/L	Sous-traitance\Multilab Direct	October 03, 2017
Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Calcium (Ca)	16.5 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Carbonate (CO ₃)	<2 mg CaCO ₃ /L	M-TIT-1.0	September 15, 2017
Dissolved Organic Carbon (D.O.C.)	6.0 mg/L	M-COT-1.0	September 15, 2017
Total Organic Carbon (T.O.C.)	6.0 mg/L	M-COT-1.0	September 15, 2017
Chlorophyll A	0.80 µg/L	Sous-traitance\H2Lab inc. (SAM)	October 03, 2017
Chloride	4.7 mg/L	Sous-traitance\Multilab Direct	September 22, 2017
Chrome (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Chromium (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Cobalt (Co)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Cobalt (Co)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Conductivity	234 µmhos/cm	M-TIT-1.0	September 15, 2017
Colour	9 Colour units	Sous-traitance\Multilab Direct	September 20, 2017
Copper (Cu)	0.0030 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Copper (Cu)	0.0024 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Cyanide W.A.D.	<0.001 mg/L	Sous-traitance\Multilab Direct	September 22, 2017
Total Cyanide (CNT)	0.003 mg/L	Sous-traitance\Multilab Direct	September 22, 2017
Hardness	64 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	September 29, 2017
Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
dissolved Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017

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Analytical Report

Lab number: V-68062

Sample name: KIA-NP2 South

Sampling location: NP2

Sampling date: September 13, 2017

Sampling hour: 11:00

Parameter	Result	Method name	Analysis date
Iron (Fe)	0.05 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Iron (Fe)	0.01 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Fluoride (F)	0.13 mg/L	Sous-traitance\Multilab Direct	October 28, 2017
Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	October 03, 2017
Dissolved Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	October 03, 2017
Total Suspended Solids	5 mg/L	M-SOLI-1.0	September 18, 2017
Magnesium (Mg)	6.11 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Magnesium (Mg)	5.81 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Manganese (Mn)	0.0102 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Manganese (Mn)	0.0059 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Mercury (Hg)	0.00005 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Dissolved Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Molybdenum (Mo)	0.0007 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Molybdenum (Mo)	0.0007 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Ammonia NH3 (non-ionized)	<0.01 mg N/L	Sous-traitance\H2Lab inc. (SAM)	September 29, 2017
Nickel (Ni)	0.0071 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Nickel (Ni)	0.0061 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Nitrate (NO3)	0.07 mg N/L	Sous-traitance\Multilab Direct	September 20, 2017
Nitrite (NO2)	<0.01 mg N/L	Sous-traitance\Multilab Direct	September 20, 2017
Ortho-Phosphate (O-PO4)	<0.01 mg P/L	Sous-traitance\Multilab Direct	September 21, 2017
Dissolved oxygen	10.2 mg/L	Sous-traitance\Multilab Direct	September 19, 2017
pH	7.84	M-TIT-1.0	September 15, 2017
Total Phosphorus (P)	<0.04 mg P/L	Sous-traitance\H2Lab inc. (SAM)	September 18, 2017
Total Phosphorus (P) (Trace)	4.5 µg P/L	Sous-traitance\H2Lab inc. (SAM)	September 21, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Potassium (K)	2.11 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Selenium (Se)	0.001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Reactive silica (SiO2)	0.35 mg/L	Sous-traitance\Maxxam	September 25, 2017
Sodium (Na)	7.61 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Solids	156 mg/L	M-TIT-1.0	September 15, 2017
Strontium (Sr)	0.068 mg/L	Sous-traitance\Multilab Direct	October 03, 2017
dissolved Strontium (Sr)	0.061 mg/L	Sous-traitance\Multilab Direct	October 03, 2017
Sulfate (SO4)	56.1 mg SO4/L	Sous-traitance\Multilab Direct	September 20, 2017
Tellurium (Te)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	October 03, 2017
Dissolved thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	October 03, 2017
Thiocyanate (SCN)	0.28 mg SCN/L	Sous-traitance\Multilab Direct	September 21, 2017
Thiosulfates (S2O3)	<0.02 mg S2O3/L	Sous-traitance\Multilab Direct	September 22, 2017

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Analytical Report

Lab number: V-68062

Sample name: KIA-NP2 South

Sampling location: NP2

Sampling date: September 13, 2017

Sampling hour: 11:00

Parameter	Result	Method name	Analysis date
Titanium (Ti)	0.02 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved titanium (Ti)	0.02 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Turbidity	1.31 NTU	Sous-traitance\Multilab Direct	September 19, 2017
Uranium (U)	0.001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Uranium (U)	0.001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Vanadium (V)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Vanadium	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Zinc (Zn)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Zinc	<0.001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017

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Detection limit

Lab number: V-68062

Sample name: KIA-NP2 South

Sampling location: NP2

Sampling date: September 13, 2017

Sampling hour: 11:00

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO ₃ /L	M-TIT-1.0	
Aluminium (Al)	0.003	mg/L	Sous-traitance	
Dissolved Aluminium (Al)	0.003	mg/L	Sous-traitance	
Antimony (Sb)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Antimony (Sb)	0.0001	mg/L	Sous-traitance	
Silver (Ag)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Silver (Ag)	0.0001	mg/L	Sous-traitance	
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Arsenic (As)	0.0005	mg/L	Sous-traitance	
Kjeldahl nitrogen	0.05	mg N/L	Sous-traitance	
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Barium (Ba)	0.0005	mg/L	Sous-traitance	
Beryllium (Be)	0.0005	mg/L	Sous-traitance	
Dissolved Beryllium (Be)	0.0005	mg/L	Sous-traitance	
bicarbonate (HCO ₃)	2	mg CaCO ₃ /L	M-TIT-1.0	
Boron (B)	0.01	mg/L	Sous-traitance	Yes
Dissolved Boron (B)	0.006	mg/L	Sous-traitance	
Bromides	0.01	mg/L	Sous-traitance	
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Dissolved Cadmium (Cd)	0.00002	mg/L	Sous-traitance	
Calcium (Ca)	0.03	mg/L	Sous-traitance	Yes
Carbonate (CO ₃)	2	mg CaCO ₃ /L	M-TIT-1.0	
Dissolved Organic Carbon (D.O.C.)	0.2	mg/L	M-COT-1.0	--
Total Organic Carbon (T.O.C.)	0.2	mg/L	M-COT-1.0	Yes
Chlorophyll A	0.04	µg/L	Sous-traitance	
Chloride	0.5	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Dissolved Chromium (Cr)	0.0006	mg/L	Sous-traitance	
Cobalt (Co)	0.0005	mg/L	Sous-traitance	
Dissolved Cobalt (Co)	0.0005	mg/L	Sous-traitance	
Conductivity	1	µmhos/cm	M-TIT-1.0	Yes
Colour	1	UCV	Sous-traitance	Yes
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Copper (Cu)	0.0005	mg/L	Sous-traitance	
Cyanide W.A.D.	0.001	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO ₃ /L	Sous-traitance	
Tin (Sn)	0.001	mg/L	Sous-traitance	Yes
dissolved Tin (Sn)	0.001	mg/L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes

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Detection limit

Lab number: V-68062

Sample name: KIA-NP2 South

Sampling location: NP2

Sampling date: September 13, 2017

Sampling hour: 11:00

Parameter	Value	Unit	Method	Accreditation
Dissolved Iron (Fe)	0.01	mg/L	Sous-traitance	
Fluoride (F)	0.01	mg/L	Sous-traitance	Yes
Lithium (Li)	0.005	mg/L	Sous-traitance	
Dissolved Lithium (Li)	0.005	mg/L	Sous-traitance	
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Magnesium (Mg)	0.02	mg/L	Sous-traitance	Yes
Dissolved Magnesium (Mg)	0.02	mg/L	Sous-traitance	
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Manganese (Mn)	0.0003	mg/L	Sous-traitance	
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Dissolved Mercury (Hg)	0.00001	mg/L	Sous-traitance	
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Nickel (Ni)	0.0005	mg/L	Sous-traitance	
Nitrate (NO3)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO2)	0.01	mg N/L	Sous-traitance	Yes
Ortho-Phosphate (O-PO4)	0.01	mg P/L	Sous-traitance	Yes
Dissolved oxygen	0.1	mg/L	Sous-traitance	
pH			M-TIT-1.0	Yes
Total Phosphorus (P)	0.04	mg P/L	Sous-traitance	
Total Phosphorus (P) (Trace)	1.9	µg P/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Dissolved Lead (Pb)	0.0003	mg/L	Sous-traitance	
Potassium (K)	0.05	mg/L	Sous-traitance	
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Dissolved Selenium (Se)	0.001	mg/L	Sous-traitance	
Reactive silica (SiO2)		mg/L	Sous-traitance	
Sodium (Na)	0.05	mg/L	Sous-traitance	Yes
Dissolved Solids	1	mg/L	M-TIT-1.0	
Strontium (Sr)	0.005	mg/L	Sous-traitance	
dissolved Strontium (Sr)	0.005	mg/L	Sous-traitance	
Sulfate (SO4)	0.6	mg SO4/L	Sous-traitance	Yes
Tellurium (Te)	0.0005	mg/L	Sous-traitance	
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Dissolved thallium (Tl)	0.0008	mg/L	Sous-traitance	
Thiocyanate (SCN)	0.05	mg SCN/L	Sous-traitance	Yes
Thiosulfates (S2O3)	0.02	mg S2O3/L	Sous-traitance	Yes
Titanium (Ti)	0.01	mg/L	Sous-traitance	
Dissolved titanium (Ti)	0.01	mg/L	Sous-traitance	

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

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Detection limit

Lab number: V-68062

Sample name: KIA-NP2 South

Sampling location: NP2

Sampling date: September 13, 2017

Sampling hour: 11:00

Parameter	Value	Unit	Method	Accreditation
Turbidity	0.02	UTN	Sous-traitance	Yes
Uranium (U)	0.001	mg/L	Sous-traitance	
Dissolved Uranium (U)	0.001	mg/L	Sous-traitance	
Vanadium (V)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Vanadium	0.0005	mg/L	Sous-traitance	
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes
Dissolved Zinc	0.001	mg/L	Sous-traitance	

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Quality control Report

Lab number: V-68062

Sample name: KIA-NP2 South

Sampling location: NP2

Sampling date: September 13, 2017

Sampling hour: 11:00

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 147 Accuracy 98.6% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006 Standard name DMR-0476-2017-22-Eu Result 5.33 Accuracy 85% Limit 5.02 - 7.52
Dissolved Aluminium (Al) mg/L	Blank <0.006 Standard name DMR-0476-2017-22-Eu Result 5.66 Accuracy 90.3% Limit 5.02 - 7.52
Antimony (Sb) mg/L	Blank <0.0001 Standard name DMR-0476-2017-22-Eu Result 0.2168 Accuracy 97.7% Limit 0.178 - 0.266
Dissolved Antimony (Sb) mg/L	Blank <0.0001 Standard name C00-046-705_X_1000 Result 0.0117 Accuracy 83% Limit 0.0080 - 0.0120
Silver (Ag) mg/L	Blank <0.0001
Dissolved Silver (Ag) mg/L	Blank <0.0001
Arsenic (As) mg/L	Blank <0.0005 Standard name DMR-0476-2017-22-Eu Result 0.2691 Accuracy 94.8% Limit 0.199 - 0.369
Dissolved Arsenic (As) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0879 Accuracy 87.9% Limit 0.0800 - 0.1200
Barium (Ba) mg/L	Blank <0.0005 Standard name DMR-0476-2017-22-Eu Result 2.784 Accuracy 85.4%

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Quality control Report

Lab number: V-68062

Sample name: KIA-NP2 South

Sampling location: NP2

Sampling date: September 13, 2017

Sampling hour: 11:00

Parameter	
Dissolved Barium (Ba) mg/L	Limit 1.94 - 2.92
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1092
	Accuracy 90.8%
Beryllium (Be) mg/L	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu
	Result 1.497
	Accuracy 88.1%
Dissolved Beryllium (Be) mg/L	Limit 1.36 - 2.04
	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu
	Result 1.540
	Accuracy 90.6%
Boron (B) mg/L	Limit 1.36 - 2.04
	Blank <0.01
	Standard name DMR-0476-2017-22-Eu
	Result 2.80
	Accuracy 97.2%
Dissolved Boron (B) mg/L	Limit 2.30 - 3.46
	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 0.84
	Accuracy 84%
Bromides mg/L	Limit 0.800 - 1.200
	Blank <0.01
	Standard name DMR-0119-2017-Br
	Result 4.97
	Accuracy 88.3%
Cadmium (Cd) mg/L	Limit 4.50 - 6.76
	Blank <0.00002
	Standard name DMR-0476-2017-22-Eu
	Result 0.97801
	Accuracy 91.5%
Dissolved Cadmium (Cd) mg/L	Limit 0.721 - 1.081
	Blank <0.00002
	Standard name C00-046-705_X_1000
	Result 0.10208
	Accuracy 97.9%

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Quality control Report

Lab number: V-68062

Sample name: KIA-NP2 South

Sampling location: NP2

Sampling date: September 13, 2017

Sampling hour: 11:00

Parameter	
Calcium (Ca) mg/L	Limit 0.0800 - 0.1200
	Standard name C00-046-705_X_1000
	Result 0.87
	Accuracy 87%
	Limit 0.800 - 1.200
Dissolved Organic Carbon (D.O.C.) mg/L	Blank <0.2
	Standard name COD 10mg/L
	Result 10
	Accuracy 100%
	Limit 8 - 12
Total Organic Carbon (T.O.C.) mg/L	Blank <0.2
	Standard name COT 10mg/L
	Result 10
	Accuracy 100%
	Limit 8 - 12
Chloride mg/L	Blank <0.5
	Standard name DMR-0476-2017-13-CL
	Result 109
	Accuracy 99.1%
	Limit 95 - 121
Chrome (Cr) mg/L	Blank <0.0006
	Standard name DMR-0476-2017-22-Eu
	Result 3.991
	Accuracy 98.5%
	Limit 3.24 - 4.86
Dissolved Chromium (Cr) mg/L	Blank <0.0006
	Standard name C00-046-705_X_1000
	Result 0.0925
	Accuracy 92.5%
	Limit 0.0800 - 0.1200
Cobalt (Co) mg/L	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu
	Result 1.588
	Accuracy 98.2%
	Limit 1.25 - 1.87
Dissolved Cobalt (Co) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0953
	Accuracy 95.3%
	Limit 0.0800 - 0.1200

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Quality control Report

Lab number: V-68062

Sample name: KIA-NP2 South

Sampling location: NP2

Sampling date: September 13, 2017

Sampling hour: 11:00

Parameter	
Conductivity µmhos/cm	Standard name STD cond maison Result 1407 Accuracy 99.4% Limit 1203 - 1627
Colour UCV	Blank <1
	Standard name DMR-0417-2017-Coul Result 100 Accuracy 85.1% Limit 67 - 107
Copper (Cu) mg/L	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu Result 1.344 Accuracy 95% Limit 1.02 - 1.54
Dissolved Copper (Cu) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000 Result 0.0928 Accuracy 92.8% Limit 0.0800 - 0.1200
Cyanide W.A.D. mg/L	Blank <0.001
	Standard name DMR-0343-CN Result 0.835 Accuracy 94.6% Limit 0.751 - 1.015
Total Cyanide (CNT) mg/L	Blank <0.001
	Standard name DMR-0343-CN Result 1.17 Accuracy 99.2% Limit 1.003 - 1.357
Tin (Sn) mg/L	Blank <0.001
dissolved Tin (Sn) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000 Result 0.104 Accuracy 96% Limit 0.0700 - 0.1300
Iron (Fe) mg/L	Blank <0.01
	Standard name DMR-0476-2017-22-Eu Result 11.8 Accuracy 96.5% Limit 9.1 - 13.7

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Quality control Report

Lab number: V-68062

Sample name: KIA-NP2 South

Sampling location: NP2

Sampling date: September 13, 2017

Sampling hour: 11:00

Parameter	
Dissolved Iron (Fe) mg/L	Blank <0.01 Standard name C00-046-705_X_1000 Result 0.95 Accuracy 95% Limit 0.800 - 1.200
Fluoride (F) mg/L	Blank <0.02 Standard name Controle maison 2 ppm F Result 1.93 Accuracy 96.5% Limit 1.85 - 2.15
Lithium (Li) mg/L	Blank <0.005
Total Suspended Solids mg/L	Blank <1 Standard name STD-MES 25mg/L Result 26 Accuracy 96% Limit 19 - 31
Magnesium (Mg) mg/L	Blank <0.02 Standard name DMR-0476-2017-22-Eu Result 7.00 Accuracy 88.5% Limit 6.33 - 9.49
Dissolved Magnesium (Mg) mg/L	Blank <0.02 Standard name C00-046-705_X_1000 Result 0.83 Accuracy 83% Limit 0.800 - 1.200
Manganese (Mn) mg/L	Blank <0.0005 Standard name DMR-0476-2017-22-Eu Result 4.264 Accuracy 90.7% Limit 3.12 - 4.68
Dissolved Manganese (Mn) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1052 Accuracy 94.8% Limit 0.0800 - 0.1200
Mercury (Hg) mg/L	Blank <0.00001 Standard name DMR-0426-2016-HgEu-1 Result 0.00334 Accuracy 77.7%

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Quality control Report

Lab number: V-68062

Sample name: KIA-NP2 South

Sampling location: NP2

Sampling date: September 13, 2017

Sampling hour: 11:00

Parameter	
Dissolved Mercury (Hg) mg/L	Limit 0.0026 - 0.0060
	Sample duplicate 0.00005-0.00001
	Blank <0.00001
	Standard name DMR-0426-2016-HgEu-1
	Result 0.00299
Molybdenum (Mo) mg/L	Accuracy 69.5%
	Limit 0.0026 - 0.0060
	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu
	Result 0.7125
Dissolved Molybdenum (Mo) mg/L	Accuracy 99.4%
	Limit 0.566 - 0.850
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1016
Nickel (Ni) mg/L	Accuracy 98.4%
	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu
	Result 1.095
Dissolved Nickel (Ni) mg/L	Accuracy 96.1%
	Limit 0.91 - 1.37
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0915
Nitrate (NO ₃) mg N/L	Accuracy 91.5%
	Limit 0.0800 - 0.1200
	Blank <0.01
	Blank <0.01
	Standard name DMR-0417-2017-NO2
Nitrite (NO ₂) mg N/L	Result 2.65
	Accuracy 97.8%
	Limit 2.30 - 3.12
	Blank <0.01
	Standard name DMR-0417-2017-OPO4
Ortho-Phosphate (O-PO ₄) mg P/	Result 3.28
	Accuracy 97.2%
	Limit 2.81 - 3.57
	Standard name STD pH 7.0
	Result 7.03
pH	

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Quality control Report

Lab number: V-68062

Sample name: KIA-NP2 South

Sampling location: NP2

Sampling date: September 13, 2017

Sampling hour: 11:00

Parameter	
Lead (Pb) mg/L	Accuracy 99.6%
	Limit 6.96 - 7.04
	Blank <0.0003
	Standard name DMR-0476-2017-22-Eu
	Result 0.9364
Dissolved Lead (Pb) mg/L	Accuracy 96.3%
	Limit 0.722 - 1.084
	Blank <0.0003
	Standard name C00-046-705_X_1000
	Result 0.0986
Potassium (K) mg/L	Accuracy 98.6%
	Limit 0.0800 - 0.1200
	Standard name C00-046-705_X_1000
	Result 0.93
	Accuracy 93%
Selenium (Se) mg/L	Limit 0.800 - 1.200
	Blank <0.001
	Standard name DMR-0476-2017-22-Eu
	Result 1.48
	Accuracy 90.4%
Dissolved Selenium (Se) mg/L	Limit 1.08 - 1.62
	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.101
	Accuracy 99%
Strontium (Sr) mg/L	Limit 0.0800 - 0.1200
	Blank <0.005
Sulfate (SO4) mg SO4/L	Blank <0.6
	Standard name DMR-0417-2017-SO4
	Result 130
Tellurium (Te) mg/L	Accuracy 94.3%
	Limit 114 - 132
	Standard name C00-046-705_X_1000
	Result 0.0877
	Accuracy 87.7%
Thallium (Tl) mg/L	Limit 0.0800 - 0.1200
	Blank <0.0008
	Standard name Tl-S140909023-1000ppm
	Result 838
	Accuracy 83.8%

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Quality control Report

Lab number: V-68062

Sample name: KIA-NP2 South

Sampling location: NP2

Sampling date: September 13, 2017

Sampling hour: 11:00

Parameter	
Thiocyanate (SCN) mg SCN/L	Limit 800 - 1200
	Blank <0.05
	Standard name STD SCN 568ppm
	Result 594
	Accuracy 95.4%
Thiosulfates (S2O3) mg S2O3/L	Limit 398 - 738
	Sample duplicate 0.28-0.26
	Blank <0.02
	Standard name S2O3-225ppm
	Result 270
Titanium (Ti) mg/L	Accuracy 80%
	Limit 158 - 293
	Blank <0.01
	Blank <0.01
	Standard name DMR-0417-2017-Turb
Turbidity UTN	Result 5.38
	Accuracy 96.3%
	Limit 4.41 - 5.97
	Sample duplicate 1.31-1.42
	Blank <0.001
Uranium (U) mg/L	Standard name DMR-0476-2017-22-Eu
	Result 2.01
	Accuracy 85.8%
	Limit 1.41 - 2.11
	Blank <0.001
Dissolved Uranium (U) mg/L	Standard name C00-046-705_X_1000
	Result 0.112
	Accuracy 88%
	Limit 0.0800 - 0.1200
	Blank <0.0005
Vanadium (V) mg/L	Standard name DMR-0476-2017-22-Eu
	Result 1.933
	Accuracy 97.1%
	Limit 1.59 - 2.39
	Blank <0.0005
Dissolved Vanadium mg/L	Standard name C00-046-705_X_1000
	Result 0.0914
	Accuracy 91.4%
	Limit 0.0800 - 0.1200
	Blank <0.001
Zinc (Zn) mg/L	

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Quality control Report

Lab number: V-68062

Sample name: KIA-NP2 South

Sampling location: NP2

Sampling date: September 13, 2017

Sampling hour: 11:00

Parameter

Standard name DMR-0476-2017-22-Eu

Result 4.83

Accuracy 94.1%

Limit 3.65 - 5.47

Dissolved Zinc mg/L

Blank <0.001

Standard name C00-046-705_X_1000

Result 0.101

Accuracy 99%

Limit 0.0800 - 0.1200

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Additional information

Lab number: V-68062

Sample name: KIA-NP2 South

Sampling location: NP2

Sampling date: September 13, 2017

Sampling hour: 11:00

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-CL-2.0	MA.300-Ions 1.3
M-COUL-1.0	MA.103-Col. 2.0
M-CN-1.0	MA.300-CN 1.2
M-CI-1.0	MA.300-Anions 1.0
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-P-2.0	MA.303-P 1.1
M-SULF-2.0	MA.300-Ions 1.3
M-TURB-1.0	MA.103-Tur. 1.0

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

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

Lab number: V-68063

Sampling location: NP2

Sampling date: September 13, 2017

Sample name: KIA-NP2-West

Sampling hour: 15:00

Sampled by: MT

Date received: September 15, 2017

Matrix: Water

Drinking water distribution:

Reported on: October 11, 2017

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

Results relate only to the sample tested.

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

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Analytical Report

Lab number: V-68063

Sample name: KIA-NP2-West

Sampling location: NP2

Sampling date: September 13, 2017

Sampling hour: 15:00

Parameter	Result	Method name	Analysis date
Alkalinity	54 mg CaCO ₃ /L	M-TIT-1.0	September 15, 2017
Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Antimony (Sb)	0.0001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Antimony (Sb)	<0.0001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	<0.05 mg N/L	Sous-traitance\H2Lab inc. (SAM)	September 19, 2017
Kjeldahl nitrogen	<0.70 mg N/L	Sous-traitance\H2Lab inc. (SAM)	September 27, 2017
Barium (Ba)	0.0061 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Barium (Ba)	0.0063 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
bicarbonate (HCO ₃)	54 mg CaCO ₃ /L	M-TIT-1.0	September 15, 2017
Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Bromides	0.05 mg/L	Sous-traitance\Multilab Direct	October 03, 2017
Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Calcium (Ca)	16.8 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Carbonate (CO ₃)	<2 mg CaCO ₃ /L	M-TIT-1.0	September 15, 2017
Dissolved Organic Carbon (D.O.C.)	6.1 mg/L	M-COT-1.0	September 15, 2017
Total Organic Carbon (T.O.C.)	6.1 mg/L	M-COT-1.0	September 15, 2017
Chlorophyll A	1.3 µg/L	Sous-traitance\H2Lab inc. (SAM)	October 03, 2017
Chloride	4.3 mg/L	Sous-traitance\Multilab Direct	September 22, 2017
Chrome (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Chromium (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Cobalt (Co)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Cobalt (Co)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Conductivity	234 µmhos/cm	M-TIT-1.0	September 15, 2017
Colour	6 Colour units	Sous-traitance\Multilab Direct	September 20, 2017
Copper (Cu)	0.0024 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Copper (Cu)	0.0019 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Cyanide W.A.D.	<0.001 mg/L	Sous-traitance\Multilab Direct	September 22, 2017
Total Cyanide (CNT)	0.002 mg/L	Sous-traitance\Multilab Direct	September 22, 2017
Hardness	65 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	September 29, 2017
Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
dissolved Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017

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Analytical Report

Lab number: V-68063

Sample name: KIA-NP2-West

Sampling location: NP2

Sampling date: September 13, 2017

Sampling hour: 15:00

Parameter	Result	Method name	Analysis date
Iron (Fe)	0.03 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Iron (Fe)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Fluoride (F)	0.14 mg/L	Sous-traitance\Multilab Direct	October 28, 2017
Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	October 03, 2017
Dissolved Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	October 03, 2017
Total Suspended Solids	4 mg/L	M-SOLI-1.0	September 18, 2017
Magnesium (Mg)	6.19 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Magnesium (Mg)	5.70 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Manganese (Mn)	0.0070 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Manganese (Mn)	0.0014 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Dissolved Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Molybdenum (Mo)	0.0007 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Molybdenum (Mo)	0.0007 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Ammonia NH3 (non-ionized)	<0.01 mg N/L	Sous-traitance\H2Lab inc. (SAM)	September 29, 2017
Nickel (Ni)	0.0063 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Nickel (Ni)	0.0053 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Nitrate (NO3)	0.04 mg N/L	Sous-traitance\Multilab Direct	September 20, 2017
Nitrite (NO2)	<0.01 mg N/L	Sous-traitance\Multilab Direct	September 20, 2017
Ortho-Phosphate (O-PO4)	<0.01 mg P/L	Sous-traitance\Multilab Direct	September 21, 2017
Dissolved oxygen	10.6 mg/L	Sous-traitance\Multilab Direct	September 19, 2017
pH	8.05	M-TIT-1.0	September 15, 2017
Total Phosphorus (P)	<0.04 mg P/L	Sous-traitance\H2Lab inc. (SAM)	September 18, 2017
Total Phosphorus (P) (Trace)	4.4 µg P/L	Sous-traitance\H2Lab inc. (SAM)	September 21, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Potassium (K)	2.09 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Selenium (Se)	0.001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Selenium (Se)	0.001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Reactive silica (SiO2)	0.38 mg/L	Sous-traitance\Maxxam	September 25, 2017
Sodium (Na)	7.62 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Solids	156 mg/L	M-TIT-1.0	September 15, 2017
Strontium (Sr)	0.068 mg/L	Sous-traitance\Multilab Direct	October 03, 2017
dissolved Strontium (Sr)	0.062 mg/L	Sous-traitance\Multilab Direct	October 03, 2017
Sulfate (SO4)	54.9 mg SO4/L	Sous-traitance\Multilab Direct	September 20, 2017
Tellurium (Te)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	October 03, 2017
Dissolved thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	October 03, 2017
Thiocyanate (SCN)	0.25 mg SCN/L	Sous-traitance\Multilab Direct	September 21, 2017
Thiosulfates (S2O3)	<0.02 mg S2O3/L	Sous-traitance\Multilab Direct	September 22, 2017

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

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Analytical Report

Lab number: V-68063

Sample name: KIA-NP2-West

Sampling location: NP2

Sampling date: September 13, 2017

Sampling hour: 15:00

Parameter	Result	Method name	Analysis date
Titanium (Ti)	0.02 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved titanium (Ti)	0.02 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Turbidity	1.19 NTU	Sous-traitance\Multilab Direct	September 19, 2017
Uranium (U)	0.001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Uranium (U)	0.001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Vanadium (V)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Vanadium	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Zinc (Zn)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Zinc	<0.001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017

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Detection limit

Lab number: V-68063

Sample name: KIA-NP2-West

Sampling location: NP2

Sampling date: September 13, 2017

Sampling hour: 15:00

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO ₃ /L	M-TIT-1.0	
Aluminium (Al)	0.003	mg/L	Sous-traitance	
Dissolved Aluminium (Al)	0.003	mg/L	Sous-traitance	
Antimony (Sb)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Antimony (Sb)	0.0001	mg/L	Sous-traitance	
Silver (Ag)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Silver (Ag)	0.0001	mg/L	Sous-traitance	
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Arsenic (As)	0.0005	mg/L	Sous-traitance	
Kjeldahl nitrogen	0.05	mg N/L	Sous-traitance	
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Barium (Ba)	0.0005	mg/L	Sous-traitance	
Beryllium (Be)	0.0005	mg/L	Sous-traitance	
Dissolved Beryllium (Be)	0.0005	mg/L	Sous-traitance	
bicarbonate (HCO ₃)	2	mg CaCO ₃ /L	M-TIT-1.0	
Boron (B)	0.01	mg/L	Sous-traitance	Yes
Dissolved Boron (B)	0.006	mg/L	Sous-traitance	
Bromides	0.01	mg/L	Sous-traitance	
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Dissolved Cadmium (Cd)	0.00002	mg/L	Sous-traitance	
Calcium (Ca)	0.03	mg/L	Sous-traitance	Yes
Carbonate (CO ₃)	2	mg CaCO ₃ /L	M-TIT-1.0	
Dissolved Organic Carbon (D.O.C.)	0.2	mg/L	M-COT-1.0	--
Total Organic Carbon (T.O.C.)	0.2	mg/L	M-COT-1.0	Yes
Chlorophyll A	0.04	µg/L	Sous-traitance	
Chloride	0.5	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Dissolved Chromium (Cr)	0.0006	mg/L	Sous-traitance	
Cobalt (Co)	0.0005	mg/L	Sous-traitance	
Dissolved Cobalt (Co)	0.0005	mg/L	Sous-traitance	
Conductivity	1	µmhos/cm	M-TIT-1.0	Yes
Colour	1	UCV	Sous-traitance	Yes
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Copper (Cu)	0.0005	mg/L	Sous-traitance	
Cyanide W.A.D.	0.001	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO ₃ /L	Sous-traitance	
Tin (Sn)	0.001	mg/L	Sous-traitance	Yes
dissolved Tin (Sn)	0.001	mg/L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes

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Detection limit

Lab number: V-68063

Sample name: KIA-NP2-West

Sampling location: NP2

Sampling date: September 13, 2017

Sampling hour: 15:00

Parameter	Value	Unit	Method	Accreditation
Dissolved Iron (Fe)	0.01	mg/L	Sous-traitance	
Fluoride (F)	0.01	mg/L	Sous-traitance	Yes
Lithium (Li)	0.005	mg/L	Sous-traitance	
Dissolved Lithium (Li)	0.005	mg/L	Sous-traitance	
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Magnesium (Mg)	0.02	mg/L	Sous-traitance	Yes
Dissolved Magnesium (Mg)	0.02	mg/L	Sous-traitance	
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Manganese (Mn)	0.0003	mg/L	Sous-traitance	
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Dissolved Mercury (Hg)	0.00001	mg/L	Sous-traitance	
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Nickel (Ni)	0.0005	mg/L	Sous-traitance	
Nitrate (NO3)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO2)	0.01	mg N/L	Sous-traitance	Yes
Ortho-Phosphate (O-PO4)	0.01	mg P/L	Sous-traitance	Yes
Dissolved oxygen	0.1	mg/L	Sous-traitance	
pH			M-TIT-1.0	Yes
Total Phosphorus (P)	0.04	mg P/L	Sous-traitance	
Total Phosphorus (P) (Trace)	1.9	µg P/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Dissolved Lead (Pb)	0.0003	mg/L	Sous-traitance	
Potassium (K)	0.05	mg/L	Sous-traitance	
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Dissolved Selenium (Se)	0.001	mg/L	Sous-traitance	
Reactive silica (SiO2)		mg/L	Sous-traitance	
Sodium (Na)	0.05	mg/L	Sous-traitance	Yes
Dissolved Solids	1	mg/L	M-TIT-1.0	
Strontium (Sr)	0.005	mg/L	Sous-traitance	
dissolved Strontium (Sr)	0.005	mg/L	Sous-traitance	
Sulfate (SO4)	0.6	mg SO4/L	Sous-traitance	Yes
Tellurium (Te)	0.0005	mg/L	Sous-traitance	
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Dissolved thallium (Tl)	0.0008	mg/L	Sous-traitance	
Thiocyanate (SCN)	0.05	mg SCN/L	Sous-traitance	Yes
Thiosulfates (S2O3)	0.02	mg S2O3/L	Sous-traitance	Yes
Titanium (Ti)	0.01	mg/L	Sous-traitance	
Dissolved titanium (Ti)	0.01	mg/L	Sous-traitance	

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Detection limit

Lab number: V-68063

Sample name: KIA-NP2-West

Sampling location: NP2

Sampling date: September 13, 2017

Sampling hour: 15:00

Parameter	Value	Unit	Method	Accreditation
Turbidity	0.02	UTN	Sous-traitance	Yes
Uranium (U)	0.001	mg/L	Sous-traitance	
Dissolved Uranium (U)	0.001	mg/L	Sous-traitance	
Vanadium (V)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Vanadium	0.0005	mg/L	Sous-traitance	
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes
Dissolved Zinc	0.001	mg/L	Sous-traitance	

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Quality control Report

Lab number: V-68063

Sample name: KIA-NP2-West

Sampling location: NP2

Sampling date: September 13, 2017

Sampling hour: 15:00

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 147 Accuracy 98.6% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006
	Standard name DMR-0476-2017-22-Eu Result 5.33 Accuracy 85% Limit 5.02 - 7.52
Dissolved Aluminium (Al) mg/L	Blank <0.006
	Standard name DMR-0476-2017-22-Eu Result 5.66 Accuracy 90.3% Limit 5.02 - 7.52
Antimony (Sb) mg/L	Blank <0.0001
	Standard name DMR-0476-2017-22-Eu Result 0.2168 Accuracy 97.7% Limit 0.178 - 0.266
Dissolved Antimony (Sb) mg/L	Blank <0.0001
	Standard name C00-046-705_X_1000 Result 0.0117 Accuracy 83% Limit 0.0080 - 0.0120
Silver (Ag) mg/L	Blank <0.0001
Dissolved Silver (Ag) mg/L	Blank <0.0001
Arsenic (As) mg/L	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu Result 0.2691 Accuracy 94.8% Limit 0.199 - 0.369
Dissolved Arsenic (As) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000 Result 0.0879 Accuracy 87.9% Limit 0.0800 - 0.1200
Barium (Ba) mg/L	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu Result 2.784 Accuracy 85.4%

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Quality control Report

Lab number: V-68063

Sample name: KIA-NP2-West

Sampling location: NP2

Sampling date: September 13, 2017

Sampling hour: 15:00

Parameter	
Dissolved Barium (Ba) mg/L	Limit 1.94 - 2.92
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1092
	Accuracy 90.8%
Beryllium (Be) mg/L	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu
	Result 1.497
	Accuracy 88.1%
Dissolved Beryllium (Be) mg/L	Limit 1.36 - 2.04
	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu
	Result 1.540
	Accuracy 90.6%
Boron (B) mg/L	Limit 1.36 - 2.04
	Blank <0.01
	Standard name DMR-0476-2017-22-Eu
	Result 2.80
	Accuracy 97.2%
Dissolved Boron (B) mg/L	Limit 2.30 - 3.46
	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 0.84
	Accuracy 84%
Bromides mg/L	Limit 0.800 - 1.200
	Blank <0.01
	Standard name DMR-0119-2017-Br
	Result 4.97
	Accuracy 88.3%
Cadmium (Cd) mg/L	Limit 4.50 - 6.76
	Blank <0.00002
	Standard name DMR-0476-2017-22-Eu
	Result 0.97801
	Accuracy 91.5%
Dissolved Cadmium (Cd) mg/L	Limit 0.721 - 1.081
	Blank <0.00002
	Standard name C00-046-705_X_1000
	Result 0.10208
	Accuracy 97.9%

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Quality control Report

Lab number: V-68063

Sample name: KIA-NP2-West

Sampling location: NP2

Sampling date: September 13, 2017

Sampling hour: 15:00

Parameter	
Calcium (Ca) mg/L	Limit 0.0800 - 0.1200
	Standard name C00-046-705_X_1000
	Result 0.87
	Accuracy 87%
	Limit 0.800 - 1.200
Dissolved Organic Carbon (D.O.C.) mg/L	Blank <0.2
	Standard name COD 10mg/L
	Result 10
	Accuracy 100%
	Limit 8 - 12
Total Organic Carbon (T.O.C.) mg/L	Blank <0.2
	Standard name COT 10mg/L
	Result 10
	Accuracy 100%
	Limit 8 - 12
Chloride mg/L	Blank <0.5
	Standard name DMR-0476-2017-13-CL
	Result 112
	Accuracy 96.3%
	Limit 95 - 121
Chrome (Cr) mg/L	Blank <0.0006
	Standard name DMR-0476-2017-22-Eu
	Result 3.991
	Accuracy 98.5%
	Limit 3.24 - 4.86
Dissolved Chromium (Cr) mg/L	Blank <0.0006
	Standard name C00-046-705_X_1000
	Result 0.0925
	Accuracy 92.5%
	Limit 0.0800 - 0.1200
Cobalt (Co) mg/L	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu
	Result 1.588
	Accuracy 98.2%
	Limit 1.25 - 1.87
Dissolved Cobalt (Co) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0953
	Accuracy 95.3%
	Limit 0.0800 - 0.1200

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Quality control Report

Lab number: V-68063

Sample name: KIA-NP2-West

Sampling location: NP2

Sampling date: September 13, 2017

Sampling hour: 15:00

Parameter	
Conductivity µmhos/cm	Standard name STD cond maison Result 1407 Accuracy 99.4% Limit 1203 - 1627
Colour UCV	Blank <1
	Standard name DMR-0417-2017-Coul Result 100 Accuracy 85.1% Limit 67 - 107
Copper (Cu) mg/L	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu Result 1.344 Accuracy 95% Limit 1.02 - 1.54
Dissolved Copper (Cu) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000 Result 0.0928 Accuracy 92.8% Limit 0.0800 - 0.1200
Cyanide W.A.D. mg/L	Blank <0.001
	Standard name DMR-0343-CN Result 0.835 Accuracy 94.6% Limit 0.751 - 1.015
Total Cyanide (CNT) mg/L	Blank <0.001
	Standard name DMR-0343-CN Result 1.17 Accuracy 99.2% Limit 1.003 - 1.357
Tin (Sn) mg/L	Blank <0.001
dissolved Tin (Sn) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000 Result 0.104 Accuracy 96% Limit 0.0700 - 0.1300
Iron (Fe) mg/L	Blank <0.01
	Standard name DMR-0476-2017-22-Eu Result 11.8 Accuracy 96.5% Limit 9.1 - 13.7

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Quality control Report

Lab number: V-68063

Sample name: KIA-NP2-West

Sampling location: NP2

Sampling date: September 13, 2017

Sampling hour: 15:00

Parameter	
Dissolved Iron (Fe) mg/L	Blank <0.01 Standard name C00-046-705_X_1000 Result 0.95 Accuracy 95% Limit 0.800 - 1.200
Fluoride (F) mg/L	Blank <0.02 Standard name Controle maison 2 ppm F Result 1.93 Accuracy 96.5% Limit 1.85 - 2.15
Lithium (Li) mg/L	Blank <0.005
Total Suspended Solids mg/L	Blank <1 Standard name STD-MES 25mg/L Result 26 Accuracy 96% Limit 19 - 31
Magnesium (Mg) mg/L	Blank <0.02 Standard name DMR-0476-2017-22-Eu Result 7.00 Accuracy 88.5% Limit 6.33 - 9.49
Dissolved Magnesium (Mg) mg/L	Blank <0.02 Standard name C00-046-705_X_1000 Result 0.83 Accuracy 83% Limit 0.800 - 1.200
Manganese (Mn) mg/L	Blank <0.0005 Standard name DMR-0476-2017-22-Eu Result 4.264 Accuracy 90.7% Limit 3.12 - 4.68
Dissolved Manganese (Mn) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1052 Accuracy 94.8% Limit 0.0800 - 0.1200
Mercury (Hg) mg/L	Blank <0.00001 Standard name DMR-0426-2016-HgEu-1 Result 0.00334 Accuracy 77.7%

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Quality control Report

Lab number: V-68063

Sample name: KIA-NP2-West

Sampling location: NP2

Sampling date: September 13, 2017

Sampling hour: 15:00

Parameter	
Dissolved Mercury (Hg) mg/L	Limit 0.0026 - 0.0060
	Blank <0.00001
	Standard name DMR-0426-2016-HgEu-1
	Result 0.00299
	Accuracy 69.5%
Molybdenum (Mo) mg/L	Limit 0.0026 - 0.0060
	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu
	Result 0.7125
	Accuracy 99.4%
Dissolved Molybdenum (Mo) mg/L	Limit 0.566 - 0.850
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1016
	Accuracy 98.4%
Nickel (Ni) mg/L	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu
	Result 1.095
	Accuracy 96.1%
Dissolved Nickel (Ni) mg/L	Limit 0.91 - 1.37
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0915
	Accuracy 91.5%
Nitrate (NO ₃) mg N/L Nitrite (NO ₂) mg N/L	Limit 0.0800 - 0.1200
	Blank <0.01
	Blank <0.01
	Standard name DMR-0417-2017-NO2
	Result 2.65
Ortho-Phosphate (O-PO ₄) mg P/	Accuracy 97.8%
	Limit 2.30 - 3.12
	Blank <0.01
	Standard name DMR-0417-2017-OPO4
	Result 3.28
pH	Accuracy 97.2%
	Limit 2.81 - 3.57
	Standard name STD pH 7.0
	Result 7.03
	Accuracy 99.6%

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Quality control Report

Lab number: V-68063

Sample name: KIA-NP2-West

Sampling location: NP2

Sampling date: September 13, 2017

Sampling hour: 15:00

Parameter	
Lead (Pb) mg/L	Limit 6.96 - 7.04 Blank <0.0003 Standard name DMR-0476-2017-22-Eu Result 0.9364 Accuracy 96.3%
Dissolved Lead (Pb) mg/L	Limit 0.722 - 1.084 Blank <0.0003 Standard name C00-046-705_X_1000 Result 0.0986 Accuracy 98.6%
Potassium (K) mg/L	Limit 0.0800 - 0.1200 Standard name C00-046-705_X_1000 Result 0.93 Accuracy 93%
Selenium (Se) mg/L	Limit 0.800 - 1.200 Blank <0.001 Standard name DMR-0476-2017-22-Eu Result 1.48 Accuracy 90.4%
Dissolved Selenium (Se) mg/L	Limit 1.08 - 1.62 Blank <0.001 Standard name C00-046-705_X_1000 Result 0.101 Accuracy 99%
Strontium (Sr) mg/L	Limit 0.0800 - 0.1200 Blank <0.005
Sulfate (SO4) mg SO4/L	Blank <0.6 Standard name DMR-0417-2017-SO4 Result 130 Accuracy 94.3%
Tellurium (Te) mg/L	Limit 114 - 132 Standard name C00-046-705_X_1000 Result 0.0877 Accuracy 87.7%
Thallium (Tl) mg/L	Limit 0.0800 - 0.1200 Blank <0.0008 Standard name Tl-S140909023-1000ppm Result 838 Accuracy 83.8%
	Limit 800 - 1200

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Quality control Report

Lab number: V-68063

Sample name: KIA-NP2-West

Sampling location: NP2

Sampling date: September 13, 2017

Sampling hour: 15:00

Parameter

Thiocyanate (SCN) mg SCN/L Blank <0.05
Standard name STD SCN 568ppm
Result 594
Accuracy 95.4%
Limit 398 - 738

Thiosulfates (S2O3) mg S2O3/L Blank <0.02
Standard name S2O3-225ppm
Result 270
Accuracy 80%
Limit 158 - 293

Titanium (Ti) mg/L Blank <0.01
Dissolved titanium (Ti) mg/L Blank <0.01
Turbidity UTN Standard name DMR-0417-2017-Turb
Result 5.38
Accuracy 96.3%
Limit 4.41 - 5.97

Uranium (U) mg/L Blank <0.001
Standard name DMR-0476-2017-22-Eu
Result 2.01
Accuracy 85.8%
Limit 1.41 - 2.11

Dissolved Uranium (U) mg/L Blank <0.001
Standard name C00-046-705_X_1000
Result 0.112
Accuracy 88%
Limit 0.0800 - 0.1200

Vanadium (V) mg/L Blank <0.0005
Standard name DMR-0476-2017-22-Eu
Result 1.933
Accuracy 97.1%
Limit 1.59 - 2.39

Dissolved Vanadium mg/L Blank <0.0005
Standard name C00-046-705_X_1000
Result 0.0914
Accuracy 91.4%
Limit 0.0800 - 0.1200

Zinc (Zn) mg/L Blank <0.001
Standard name DMR-0476-2017-22-Eu
Result 4.83
Accuracy 94.1%

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Quality control Report

Lab number: V-68063

Sample name: KIA-NP2-West

Sampling location: NP2

Sampling date: September 13, 2017

Sampling hour: 15:00

Parameter

	Limit 3.65 - 5.47
Dissolved Zinc mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.101
	Accuracy 99%
	Limit 0.0800 - 0.1200

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Additional information

Lab number: V-68063

Sample name: KIA-NP2-West

Sampling location: NP2

Sampling date: September 13, 2017

Sampling hour: 15:00

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-CL-2.0	MA.300-Ions 1.3
M-COUL-1.0	MA.103-Col. 2.0
M-CN-1.0	MA.300-CN 1.2
M-CI-1.0	MA.300-Anions 1.0
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-P-2.0	MA.303-P 1.1
M-SULF-2.0	MA.300-Ions 1.3
M-TURB-1.0	MA.103-Tur. 1.0

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-68067

Sampling location: SP

Sampling date: September 13, 2017

Sample name: KIA-SPL

Sampling hour: 11:00

Sampled by: MT

Date received: September 15, 2017

Matrix: Water

Drinking water distribution:

Reported on: October 11, 2017

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

Results relate only to the sample tested.

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

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Analytical Report

Lab number: V-68067

Sample name: KIA-SPL

Sampling location: SP

Sampling date: September 13, 2017

Sampling hour: 11:00

Parameter	Result	Method name	Analysis date
Alkalinity	14 mg CaCO ₃ /L	M-TIT-1.0	September 15, 2017
Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Antimony (Sb)	<0.0001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Antimony (Sb)	<0.0001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	<0.05 mg N/L	Sous-traitance\H2Lab inc. (SAM)	September 19, 2017
Kjeldahl nitrogen	<0.70 mg N/L	Sous-traitance\H2Lab inc. (SAM)	September 27, 2017
Barium (Ba)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Barium (Ba)	0.0025 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
bicarbonate (HCO ₃)	14 mg CaCO ₃ /L	M-TIT-1.0	September 15, 2017
Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Bromides	<0.01 mg/L	Sous-traitance\Multilab Direct	October 03, 2017
Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Calcium (Ca)	3.18 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Carbonate (CO ₃)	<2 mg CaCO ₃ /L	M-TIT-1.0	September 15, 2017
Dissolved Organic Carbon (D.O.C.)	2.3 mg/L	M-COT-1.0	September 15, 2017
Total Organic Carbon (T.O.C.)	2.5 mg/L	M-COT-1.0	September 15, 2017
Chlorophyll A	0.96 µg/L	Sous-traitance\H2Lab inc. (SAM)	October 03, 2017
Chloride	1.1 mg/L	Sous-traitance\Multilab Direct	September 22, 2017
Chrome (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Chromium (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Cobalt (Co)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Cobalt (Co)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Conductivity	45 µmhos/cm	M-TIT-1.0	September 15, 2017
Colour	3 Colour units	Sous-traitance\Multilab Direct	September 20, 2017
Copper (Cu)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Copper (Cu)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Cyanide W.A.D.	0.001 mg/L	Sous-traitance\Multilab Direct	September 22, 2017
Total Cyanide (CNT)	0.002 mg/L	Sous-traitance\Multilab Direct	September 22, 2017
Hardness	12 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	September 29, 2017
Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
dissolved Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017

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