



TOXICITY TEST REPORT

Lemna minor

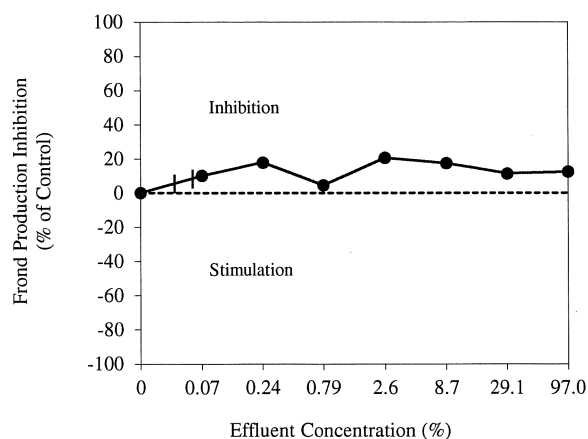
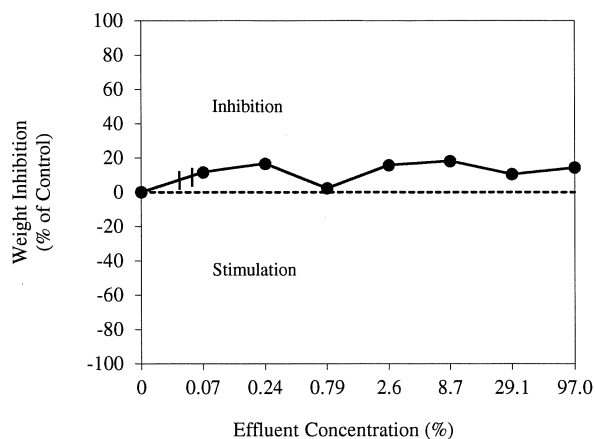
EPS 1/RM/37

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Work Order : 234073

Sample Number : 51854

Lemna minor Growth Inhibition



TEST MONITORING

Initiation Date : 2017-08-10

Initiation Time : 10:30

Initiated By : SEW

Termination Date : 2017-08-17

Termination Time : 9:30

Terminated By : SF

Temperature Monitoring

Test Day	Date	Temperature (°C)
0 (unmodified sample)	2017-08-10	25.0
0	2017-08-10	23.0
1	2017-08-11	23.5
2	2017-08-12	24.0
3	2017-08-13	24.0
4	2017-08-14	24.0
5	2017-08-15	24.0
6	2017-08-16	24.0
7	2017-08-17	24.0

pH Monitoring

Concentration (%)	Day 0	Day 7
100 (unmodified sample)	7.7	-
Control	8.3	8.4
0.07	8.2	8.4
0.24	-	-
0.79	-	-
2.6	8.2	8.4
8.7	-	-
29.1	-	-
97.0	7.9	8.6

"-" = not required

REFERENCES

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

Date : 2017-09-14
yyyy-mm-dd

Approved By: Nancy Kruger
Project Manager

Work Order : 234073
Sample Number : 51854

Lemna minor
EPS 1/RM/37
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***Lemna minor* Frond Increase**

Concentration (%)	Replicate	Frond Count Day 0*	Frond Count Day 7	Frond Increase	Mean Frond Increase	Standard Deviation	CV (%)	Frond/Root Appearance (Day 7)
Control	A	6	102	96	99.50	14.25	14.3	Fronds healthy, appearance normal in all replicates.
	B	6	87	81				
	C	6	119	113				
	D	6	114	108				
0.07	A	6	99	93	89.50	7.33	8.2	Fronds healthy, appearance normal in all replicates.
	B	6	103	97				
	C	6	86	80				
	D	6	94	88				
0.24	A	6	83	77	81.75	6.99	8.6	Fronds healthy, appearance normal in all replicates.
	B	6	96	90				
	C	6	81	75				
	D	6	91	85				
0.79	A	6	84	78	95.00	13.22	13.9	Fronds healthy, appearance normal in all replicates.
	B	6	104	98				
	C	6	116	110				
	D	6	100	94				
2.6	A	6	89	83	79.00	4.97	6.3	Fronds healthy, appearance normal in all replicates.
	B	6	85	79				
	C	6	88	82				
	D	6	78	72				
8.7	A	6	83	77	82.25	10.05	12.2	Fronds healthy, appearance normal in all replicates.
	B	6	99	93				
	C	6	94	88				
	D	6	77	71				
29.1	A	6	84	78	88.25	14.75	16.7	Fronds healthy, appearance normal in all replicates.
	B	6	114	108				
	C	6	97	91				
	D	6	82	76				
97.0	A	6	92	86	87.25	12.26	14.0	Fronds healthy, appearance normal in all replicates.
	B	6	106	100				
	C	6	98	92				
	D	6	77	71				

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

- No stimulation of frond increase compared to the control was observed at any test level.
- A 17.6-fold increase in frond number was observed in the control over the testing period.
- No outlying data points were detected according to Grubbs Test (CETIS)^a.

"—" = not available/not required

Test Data Reviewed By : *SC*
Date : 2017-09-14

Work Order : 234073
 Sample Number : 51854

***Lemna minor* Frond Weight Data**

Concentration (%)	Replicate	Dry Weight of Fronds (mg)	Treatment Mean Dry Weight (mg)	Standard Deviation
Control	A	11.05	11.71	1.76
	B	9.55		
	C	13.43		
	D	12.81		
0.07	A	10.83	10.35	0.86
	B	10.89		
	C	9.08		
	D	10.61		
0.24	A	9.17	9.77	0.75
	B	10.76		
	C	9.20		
	D	9.93		
0.79	A	9.93	11.46	1.23
	B	11.41		
	C	12.94		
	D	11.56		
2.6	A	9.89	9.87	0.44
	B	10.25		
	C	10.11		
	D	9.25		
8.7	A	8.82	9.59	1.34
	B	11.53		
	C	9.43		
	D	8.58		
29.1	A	9.32	10.50	1.18
	B	12.11		
	C	10.50		
	D	10.06		
97.0	A	9.69	10.04	1.16
	B	11.46		
	C	10.31		
	D	8.68		

NOTES :

•No stimulation of weight compared to the control was observed at any test level.

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

"—" = not available/not required

Test Data Reviewed By : J

Date : 2017-09-14



AquaTox Testing & Consulting Inc.
B-11 Nicholas Beaver Rd.
Puslinch ON N0B 2J0
Tel: (519) 763-4412 Fax: (519) 763-4419

TOXICITY TEST REPORT

Pseudokirchneriella subcapitata

EPS 1/RM/25

1 of 2

Work Order : 234073
Sample Number : 51854

SAMPLE IDENTIFICATION

Company :	Agnico Eagle Mines Limited	Date Collected :	2017-08-07
Location :	Baker Lake NU	Time Collected :	09:00
Substance :	ST-10/MMER-2	Date Received :	2017-08-09
Sampling Method :	Not provided	Time Received :	06:15
Sampled By :	T. Thomson	Date Tested :	2017-08-09
Temp. on arrival :	19.0°C		
Sample Description :	Clear, colourless, mild odour.		
Test Method :	Growth Inhibition Test Using a Freshwater Alga. Environment Canada, Conservation and Protection. Ottawa, Ontario. Report EPS 1/RM/25, 2nd ed. (March 2007).		

72-h TEST RESULTS

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

The results reported relate only to the sample tested.

ZINC (AS ZINC SULPHATE) REFERENCE TOXICANT DATA

Date Tested :	2017-08-22	Statistical Method :	Nonlinear Regression (CETIS)
Organism Batch :	Ps17-08	Historical Mean IC25 :	16.1 µg/L
Test Duration :	72 hours	Warning Limits (± 2SD) :	5.2 - 50.0 µg/L
IC25 Growth :	7.9 µg/L	Analyst(s) :	CZN
95% Confidence Limits :	7.0 - 8.9 µg/L		

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

TEST ORGANISM

Test Organism :	<i>Pseudokirchneriella subcapitata</i>	Source :	In-house culture
Culture Origin :	University of Waterloo, Waterloo ON	Cell Density at 0-h :	10818 cells/mL
Strain Number :	CPCC 37	Inoculum Prepared :	00:20 h prior to test initiation
Organism Batch :	Ps17-08	Age (at start of test) :	5 days (in exponential growth)

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

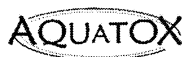
•No unusual appearance or treatment of culture prior to testing.

TEST CONDITIONS

Test Type :	Static	Volume per Replicate :	220 µL
Test Duration :	72 hours	Control Replicates:	10
Mean Temperature (± SD):	24.0°C (± 0.0)	Test Replicates :	4
Sample Pre-aeration :	None	Concentrations Tested :	10 + Control
Sample Filtration :	0.45 µm preconditioned filter	Photoperiod :	Continuous light
Volume Filtered:	≥10 mL	Light Intensity :	4090-4390 lux
Control/Dilution Water :	Millipore Milli-Q (no chemicals added)	pH Adjustment :	None
Enrichment Medium :	Stock 2B: EDTA reduced to 25%	Hardness Adjustment :	None
Test Vessel :	U-shaped polystyrene microplate	Test Method Deviation(s) :	None

COMMENTS

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



TOXICITY TEST REPORT

Pseudokirchneriella subcapitata

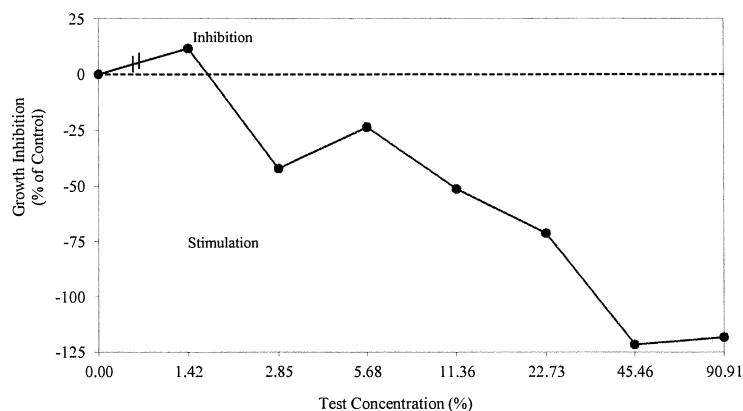
EPS 1/RM/25

2 of 2

Work Order : 234073

Sample Number : 51854

Pseudokirchneriella subcapitata Growth Inhibition



CELL ENUMERATION AT 72-HOURS

Initiated By : SEW
Completion/Enumeration Date : 2017-08-12
Enumerated By : CZN
Enumeration Method : Manual (haemocytometer)

Sample pH (at 0 hours) : 7.7
Control pH (at 0 hours) : 6.5
Control pH (at 72 hours) : 7.0
Control Cell Increase Factor : 24.3 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	22.5	23.5	27.5	37.0 ¹	28.0	25.0	24.0	22.5	25.17	4.82	19.14	—
0.18	—	—	—	—	—	—	—	—	—	—	—	—
0.35	—	—	—	—	—	—	—	—	—	—	—	—
0.71	—	—	—	—	—	—	—	—	—	—	—	—
1.42	24.5	22.5	23.0	—	—	—	—	—	22.25	1.04	4.68	—
2.85	40.5	37.5	32.5	—	—	—	—	—	35.75	4.04	11.30	42.05
5.68	30.5	30.5	35.5	—	—	—	—	—	31.08	2.89	9.29	—
11.36	40.5	36.5	40.5	—	—	—	—	—	38.08	2.31	6.06	51.32
22.73	47.5	42.0	43.0	—	—	—	—	—	43.08	2.93	6.80	71.19
45.46	51.0	59.5	60.0	—	—	—	—	—	55.75	5.06	9.07	121.52
90.91	52.0	59.0	57.0	—	—	—	—	—	54.92	3.61	6.57	118.20

NOTES : **Statistically significant stimulation, according to ANOVA/Dunnett Multiple Comparison Test (CETIS)^a, ($\alpha=0.05$).

•Control replicates 5 and 6 used for pH measurement.

•The Mann-Kendall test shows that there is no inhibitory gradient ($\alpha=0.05$).

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

"—" = not enumerated/not required

Data Reviewed By : J
Date : 2017-09-14

REFERENCES

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

Date : 2017-09-14
yyyy-mm-dd

Approved By : Nancy Kueger
Project Manager

CHAIN OF CUSTODY RECORD



AquaTox Work Order No.

234073

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

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

P.O. Number:	PO- 530481
Field Sampler Name (print):	Tom Thomson
Signature:	Tom Thomson
Affiliation:	AEM
Sample Storage (prior to shipping):	
Custody Relinquished by:	
Date/Time Shipped:	2017-08-07 12:00

Client:	Agnico Eagle Mines Meadowbank Division Baker Lake, Nunavut
Phone:	(819) 759-3555
Fax:	
Contact:	Erika Voyer, Robin Allard, Martin 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	Pseudokirchneriella subcapitata Growth	RISS Data Entry	Other (please specify below)	Grab	Composite	# of Containers and Volume (eg. 2 x 1L, 3 x 10L, etc.)
2017-08-07	09:00	ST-10/MMER-2	51854	19.0					✓	✓	✓	✓		✓			2 x 1L, 3 x 10L

For Lab Use Only	
Received By:	CG/EJS
Date:	2017-08-09
Time:	06:15
Storage Location:	
Storage Temp. (°C):	

Please list any special requests or instructions:

Others - Pimephales Promelas

2x1L sample jars = 10°C on arrival
* 3x23-L pails received (NK)



Analytical Report

Company: **Agnico Eagle Division Meadowbank**

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

Lab number: M-120178

Sampling location: Sewage

Sampling date: August 07, 2017

Sample name: STP-IN

Sampling hour: 08:15

Sampled by: Tom T.

Date received: August 08, 2017

Matrix: Water

Drinking water distribution: **N/A**

Reported on: August 11, 2017

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

Results relate only to the sample tested.

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



Analytical Report

Lab number: M-120178

Sample name: STP-IN

Sampling location: Sewage

Sampling date: August 07, 2017

Sampling hour: 08:15

Parameter	Result	Method name	Analysis date
Fecal coliforms	11 000 000 CFU/100ml	M-COLI-1,0	August 09, 2017
Total coliforms	*** CFU/100ml	M-COLI-2,0	August 09, 2017
Temperature	7.5 °C	M-TEMP-1.0	August 08, 2017
Atypical colonies	> 200 000 000 CFU/100ml	M-COLI-2,0	August 09, 2017

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

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Additional information

Lab number: M-120178

Sample name: STP-IN

Sampling location: Sewage

Sampling date: August 07, 2017

Sampling hour: 08:15

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

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

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

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

Company: **Agnico Eagle Division Meadowbank**

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

Lab number: M-120180

Sampling location: Sewage

Sampling date: August 07, 2017

Sample name: STP-LJMX

Sampling hour: 08:20

Sampled by: Tom T.

Date received: August 08, 2017

Matrix: Waste Water

Drinking water distribution: **N/A**

Reported on: August 15, 2017

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

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

Lab number: M-120180

Sample name: STP-LJMX

Sampling date: August 07, 2017

Sampling location: Sewage

Sampling hour: 08:20

Parameter	Result	Method name	Analysis date
Fecal coliforms	>6000 CFU/100ml	M-COLI-1,0	August 09, 2017
Total coliforms	210000 CFU/100ml	M-COLI-2,0	August 09, 2017
Temperature	8.5 °C	M-TEMP-1.0	August 08, 2017
Atypical colonies	100000 CFU/100ml	M-COLI-2,0	August 09, 2017

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

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Additional information

Lab number: M-120180
Sample name: STP-LJMIX
Sampling location: Sewage

Sampling date: August 07, 2017
Sampling hour: 08:20

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

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

Company: **Agnico Eagle Division Meadowbank**

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

Lab number: V-66437

Sampling location: Portage Pit

Sampling date: August 07, 2017

Sample name: ST-17

Sampling hour: 07:15

Sampled by: Tom T. IC

Date received: August 08, 2017

Matrix: Water

Drinking water distribution: **OL-572177**

Reported on: August 17, 2017

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

Results relate only to the sample tested.

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

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



Analytical Report

Lab number: V-66437

Sample name: ST-17

Sampling date: August 07, 2017

Sampling location: Portage Pit

Sampling hour: 07:15

Parameter	Result	Method name	Analysis date
Acidity	3 mg CaCO ₃ /L	M-TIT-1.0	August 08, 2017
Alkalinity	87 mg CaCO ₃ /L	M-TIT-1.0	August 08, 2017
Aluminium (Al)	0.143 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Dissolved Aluminium (Al)	0.023 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Silver (Ag)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Dissolved Silver (Ag)	0.0007 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Arsenic (As)	0.0255 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Dissolved Arsenic (As)	0.0267 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	0.73 mg N/L	Sous-traitance\Multilab Direct	August 09, 2017
Barium (Ba)	0.0151 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Dissolved Barium (Ba)	0.0150 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Cadmium (Cd)	<0.00005 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Dissolved Cadmium (Cd)	<0.00005 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Chloride	13.8 mg/L	Sous-traitance\Multilab Direct	August 10, 2017
Chrome (Cr)	0.0007 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Dissolved Chromium (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Copper (Cu)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Dissolved Copper (Cu)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Cyanide W.A.D.	0.002 mg/L	Sous-traitance\Multilab Direct	August 10, 2017
Total Cyanide (CNT)	0.003 mg/L	Sous-traitance\Multilab Direct	August 10, 2017
Hardness	275 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	August 09, 2017
Iron (Fe)	0.19 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Dissolved Iron (Fe)	<0.01 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Ferrous Iron (Fe 2+)	<0.01 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Dissolved ferrous Iron (Fe 2+)	0.01 mg/L	Sous-traitance\Multilab Direct	August 10, 2017
Ferric Iron (Fe 3+)	0.92 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Dissolved ferric Iron (Fe 3+)	0.09 mg/L	Sous-traitance\Multilab Direct	August 10, 2017
Fluoride (F)	0.37 mg/L	Sous-traitance\Multilab Direct	August 10, 2017
Total Suspended Solids	<1 mg/L	M-SOLI-1.0	August 09, 2017
Manganese (Mn)	0.1248 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Dissolved Manganese (Mn)	0.1089 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Dissolved Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Molybdenum (Mo)	0.0376 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Dissolved Molybdenum (Mo)	0.0341 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Ammonia NH ₃ (non-ionized)	0.01 mg N/L	Sous-traitance\Multilab Direct	August 09, 2017
Nickel (Ni)	0.0261 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Dissolved Nickel (Ni)	0.0242 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Nitrate (NO ₃)	5.86 mg N/L	Sous-traitance\Multilab Direct	August 09, 2017
Nitrite (NO ₂)	0.03 mg N/L	Sous-traitance\Multilab Direct	August 09, 2017

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

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Analytical Report

Lab number: V-66437

Sample name: ST-17

Sampling date: August 07, 2017

Sampling location: Portage Pit

Sampling hour: 07:15

Parameter	Result	Method name	Analysis date
Dissolved Phosphorus (P)	<0.01 mg P/L	Sous-traitance\Multilab Direct	August 10, 2017
Total Phosphorus (P)	0.03 mg P/L	Sous-traitance\Multilab Direct	August 10, 2017
Lead (Pb)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Dissolved Lead (Pb)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Selenium (Se)	<0.0006 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Dissolved Selenium (Se)	<0.0006 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Dissolved Solids	356 mg/L	M-TIT-1.0	August 08, 2017
Sulfate (SO4)	186 mg SO4/L	Sous-traitance\Multilab Direct	August 09, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	August 16, 2017
Dissolved thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	August 16, 2017
Zinc (Zn)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Dissolved Zinc	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 09, 2017

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

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Detection limit

Lab number: V-66437

Sample name: ST-17

Sampling date: August 07, 2017

Sampling location: Portage Pit

Sampling hour: 07:15

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

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Detection limit

Lab number: V-66437

Sample name: ST-17

Sampling date: August 07, 2017

Sampling location: Portage Pit

Sampling hour: 07:15

Parameter	Value	Unit	Method	Accreditation
Dissolved Phosphorus (P)	0.01	mg P/L	Sous-traitance	
Total Phosphorus (P)	0.01	mg P/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Dissolved Lead (Pb)	0.0003	mg/L	Sous-traitance	
Selenium (Se)	0.0006	mg/L	Sous-traitance	Yes
Dissolved Selenium (Se)	0.0006	mg/L	Sous-traitance	
Dissolved Solids	1	mg/L	M-TIT-1.0	
Sulfate (SO4)	0.6	mg SO4/L	Sous-traitance	Yes
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Dissolved thallium (Tl)	0.0008	mg/L	Sous-traitance	
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes
Dissolved Zinc	0.001	mg/L	Sous-traitance	

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Quality control Report

Lab number: V-66437

Sample name: ST-17

Sampling location: Portage Pit

Sampling date: August 07, 2017

Sampling hour: 07:15

Parameter	
Acidity mg CaCO ₃ /L	Standard name STD acidité Result 253 Accuracy 98.8% Limit 213 - 288
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 152 Accuracy 95.2% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.003 Standard name DMR-0219-2017-Eu Result 6.61 Accuracy 94.6% Limit 5.02 - 7.52
Dissolved Aluminium (Al) mg/L	Blank <0.003 Standard name DMR-0219-2017-Eu Result 6.48 Accuracy 96.7% Limit 5.02 - 7.52
Silver (Ag) mg/L	Blank <0.0005 Standard name DMR-0343-2017-Ag Result 0.6850 Accuracy 85.4% Limit 0.642 - 0.962
Dissolved Silver (Ag) mg/L	Blank <0.0005 Standard name DMR-0343-2017-Ag Result 0.6850 Accuracy 85.4% Limit 0.642 - 0.962
Arsenic (As) mg/L	Blank <0.0005 Standard name DMR-0219-2017-Eu Result 0.2891 Accuracy 98.2% Limit 0.199 - 0.369
Dissolved Arsenic (As) mg/L	Blank <0.0005 Standard name DMR-0219-2017-Eu Result 0.2984 Accuracy 94.9% Limit 0.199 - 0.369
Ammonia nitrogen (NH ₃ -NH ₄) m	Blank <0.01 Standard name DMR-0343-2017-NH ₃ -NH ₄

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Quality control Report

Lab number: V-66437

Sample name: ST-17

Sampling location: Portage Pit

Sampling date: August 07, 2017

Sampling hour: 07:15

Parameter	
Barium (Ba) mg/L	Result 2.15
	Accuracy 99.1%
	Limit 1.81 - 2.45
	Blank <0.0005
	Standard name DMR-0219-2017-Eu
Dissolved Barium (Ba) mg/L	Result 2.850
	Accuracy 82.7%
	Limit 1.94 - 2.92
	Blank <0.0005
	Standard name DMR-0219-2017-Eu
Cadmium (Cd) mg/L	Result 2.850
	Accuracy 82.7%
	Limit 1.94 - 2.92
	Blank <0.0005
	Standard name DMR-0219-2017-Eu
Dissolved Cadmium (Cd) mg/L	Result 0.85919
	Accuracy 95.4%
	Limit 0.721 - 1.081
	Blank <0.00005
	Standard name DMR-0219-2017-Eu
Chrome (Cr) mg/L	Result 0.87487
	Accuracy 97.1%
	Limit 0.721 - 1.081
	Blank <0.0001
	Standard name DMR-0219-2017-Eu
Dissolved Chromium (Cr) mg/L	Result 3.697
	Accuracy 91.3%
	Limit 3.24 - 4.86
	Blank <0.0001
	Standard name DMR-0219-2017-Eu
Copper (Cu) mg/L	Result 3.719
	Accuracy 91.8%
	Limit 3.24 - 4.86
	Blank <0.0005
	Standard name DMR-0219-2017-Eu
Dissolved Copper (Cu) mg/L	Result 1.283
	Accuracy 99.8%
	Limit 1.02 - 1.54
	Blank <0.0005
	Standard name DMR-0219-2017-Eu

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Quality control Report

Lab number: V-66437

Sample name: ST-17

Sampling location: Portage Pit

Sampling date: August 07, 2017

Sampling hour: 07:15

Parameter	
	Result 1.298
	Accuracy 98.6%
	Limit 1.02 - 1.54
Cyanide W.A.D. mg/L	Blank <0.001
	Standard name DMR-0343-CN
	Result 0.911
	Accuracy 96.8%
	Limit 0.751 - 1.015
Total Cyanide (CNT) mg/L	Blank <0.001
	Standard name DMR-0343-CN
	Result 1.07
	Accuracy 90.7%
	Limit 1.003 - 1.357
Iron (Fe) mg/L	Blank <0.01
	Standard name DMR-0219-2017-Eu
	Result 11.3
	Accuracy 99.1%
	Limit 9.1 - 13.7
Dissolved Iron (Fe) mg/L	Blank <0.01
	Standard name DMR-0219-2017-Eu
	Result 11.3
	Accuracy 99.1%
	Limit 9.1 - 13.7
Ferrous Iron (Fe 2+) mg/L	Blank <0.01
	Standard name Maison-Fe++-0.5ppm
	Result 0.58
	Accuracy 84%
	Limit 0.4 - 0.6
Dissolved ferrous Iron (Fe 2+) mg/L	Blank <0.01
	Standard name Std-maison -diss
	Result 0.58
	Accuracy 84%
	Limit 0.4 - 0.6
Ferric Iron (Fe 3+) mg/L	Blank <0.01
Dissolved ferric Iron (Fe 3+) mg/L	Blank <0.01
Fluoride (F) mg/L	Blank <0.02
	Standard name DMR-0343-2017-F
	Result 2.22
	Accuracy 96.5%
	Limit 2.1 - 2.5

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Quality control Report

Lab number: V-66437

Sample name: ST-17

Sampling location: Portage Pit

Sampling date: August 07, 2017

Sampling hour: 07:15

Parameter

Total Suspended Solids mg/L Standard name STD-MES 25mg/L

Result 21

Accuracy 84%

Limit 19 - 31

Total Suspended Solids mg/L

Blank <1

Standard name STD-MES 250mg/L

Result 249

Accuracy 99.6%

Limit 194 - 306

Manganese (Mn) mg/L

Blank <0.0003

Standard name DMR-0219-2017-Eu

Result 3.840

Accuracy 98.5%

Limit 3.12 - 4.68

Dissolved Manganese (Mn) mg/L

Blank <0.0003

Standard name DMR-0219-2017-Eu

Result 3.853

Accuracy 98.8%

Limit 3.12 - 4.68

Mercury (Hg) mg/L

Blank <0.00001

Standard name DMR-0343-2017-HgEu

Result 0.00046

Accuracy 65.7%

Limit 0.00042 - 0.00098

Dissolved Mercury (Hg) mg/L

Blank <0.00001

Standard name DMR-0343-2017-HgEu

Result 0.00046

Accuracy 65.7%

Limit 0.00042 - 0.00098

Molybdenum (Mo) mg/L

Blank <0.0002

Standard name DMR-0219-2017-Eu

Result 0.5664

Accuracy 80%

Limit 0.566 - 0.850

Dissolved Molybdenum (Mo) mg/L

Blank <0.0002

Standard name DMR-0219-2017-Eu

Result 0.5666

Accuracy 80%

Limit 0.566 - 0.850

Ammonia NH₃ (non-ionized) mg

Blank <0.01

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Quality control Report

Lab number: V-66437

Sample name: ST-17

Sampling location: Portage Pit

Sampling date: August 07, 2017

Sampling hour: 07:15

Parameter	
Nickel (Ni) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.086
	Accuracy 95.3%
	Limit 0.91 - 1.37
Dissolved Nickel (Ni) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.092
	Accuracy 95.8%
	Limit 0.91 - 1.37
Nitrate (NO3) mg N/L	Blank <0.01
Nitrite (NO2) mg N/L	Blank <0.01
	Standard name DMR-0343-2017-NO2
	Result 2.79
	Accuracy 97%
	Limit 2.30 - 3.12
Dissolved Phosphorus (P) mg P/	Blank <0.01
	Standard name DMR-0343-2017-Ptotal
	Result 1.27
	Accuracy 88.6%
	Limit 1.00 - 1.28
Total Phosphorus (P) mg P/L	Blank <0.01
	Standard name DMR-0343-2017-Ptotal
	Result 1.27
	Accuracy 88.6%
	Limit 1.00 - 1.28
Lead (Pb) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 0.7927
	Accuracy 87.8%
	Limit 0.722 - 1.084
Dissolved Lead (Pb) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 0.8059
	Accuracy 89.2%
	Limit 0.722 - 1.084
Selenium (Se) mg/L	Blank <0.0006
	Standard name C00-046-705_X_1000
	Result 0.107
	Accuracy 93%

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Quality control Report

Lab number: V-66437

Sample name: ST-17

Sampling location: Portage Pit

Sampling date: August 07, 2017

Sampling hour: 07:15

Parameter	
Dissolved Selenium (Se) mg/L	Limit 0.0800 - 0.1200
	Blank <0.0006
	Standard name DMR-0219-2017-Eu
	Result 1.56
	Accuracy 84.4%
Sulfate (SO4) mg SO4/L	Limit 1.08 - 1.62
	Blank <0.6
	Standard name DMR-0343-2017-SO4
	Result 117
	Accuracy 95.1%
Thallium (Tl) mg/L	Limit 114 - 132
	Blank <0.0008
	Standard name Tl-S140909023-1000ppm
	Result 1024
	Accuracy 97.6%
Dissolved thallium (Tl) mg/L	Limit 800 - 1200
	Blank <0.0008
	Standard name Tl-S140909023-1000ppm
	Result 1024
	Accuracy 97.6%
Zinc (Zn) mg/L	Limit 800 - 1200
	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 4.82
	Accuracy 94.3%
Dissolved Zinc mg/L	Limit 3.65 - 5.47
	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 4.79
	Accuracy 95%
	Limit 3.65 - 5.47

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Additional information

Lab number: V-66437

Sample name: ST-17

Sampling location: Portage Pit

Sampling date: August 07, 2017

Sampling hour: 07:15

Rush24H

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

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

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

Lab number: V-66438

Sampling location: central dike seepage

Sampling date: August 07, 2017

Sample name: ST-S-5

Sampling hour: 07:15

Sampled by: Tom T. IC

Date received: August 08, 2017

Matrix: Water

Drinking water distribution: **OL-572177**

Reported on: August 17, 2017

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

Results relate only to the sample tested.

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

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Analytical Report

Lab number: V-66438

Sample name: ST-S-5

Sampling date: August 07, 2017

Sampling location: central dike seepage

Sampling hour: 07:15

Parameter	Result	Method name	Analysis date
Acidity	8 mg CaCO ₃ /L	M-TIT-1.0	August 08, 2017
Alkalinity	125 mg CaCO ₃ /L	M-TIT-1.0	August 08, 2017
Aluminium (Al)	<0.003 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Dissolved Aluminium (Al)	0.008 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Silver (Ag)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Dissolved Silver (Ag)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Arsenic (As)	0.0292 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Dissolved Arsenic (As)	0.0130 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	29.8 mg N/L	Sous-traitance\Multilab Direct	August 09, 2017
Barium (Ba)	0.0243 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Dissolved Barium (Ba)	0.0226 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Cadmium (Cd)	0.00020 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Dissolved Cadmium (Cd)	<0.00005 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Chloride	377 mg/L	Sous-traitance\Multilab Direct	August 10, 2017
Chrome (Cr)	<0.0001 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Dissolved Chromium (Cr)	<0.0001 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Copper (Cu)	0.0005 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Dissolved Copper (Cu)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Cyanide W.A.D.	0.079 mg/L	Sous-traitance\Multilab Direct	August 10, 2017
Total Cyanide (CNT)	0.196 mg/L	Sous-traitance\Multilab Direct	August 10, 2017
Hardness	1841 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	August 09, 2017
Iron (Fe)	0.89 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Dissolved Iron (Fe)	0.10 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Ferrous Iron (Fe 2+)	<0.01 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Dissolved ferrous Iron (Fe 2+)	<0.01 mg/L	Sous-traitance\Multilab Direct	August 10, 2017
Ferric Iron (Fe 3+)	0.80 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Dissolved ferric Iron (Fe 3+)	<0.01 mg/L	Sous-traitance\Multilab Direct	August 10, 2017
Fluoride (F)	0.41 mg/L	Sous-traitance\Multilab Direct	August 10, 2017
Total Suspended Solids	<1 mg/L	M-SOLI-1.0	August 09, 2017
Manganese (Mn)	2.152 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Dissolved Manganese (Mn)	1.932 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Dissolved Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Molybdenum (Mo)	0.3258 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Dissolved Molybdenum (Mo)	0.2991 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Ammonia NH ₃ (non-ionized)	0.48 mg N/L	Sous-traitance\Multilab Direct	August 09, 2017
Nickel (Ni)	0.0097 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Dissolved Nickel (Ni)	0.0089 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Nitrate (NO ₃)	0.20 mg N/L	Sous-traitance\Multilab Direct	August 09, 2017
Nitrite (NO ₂)	0.03 mg N/L	Sous-traitance\Multilab Direct	August 09, 2017

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Analytical Report

Lab number: V-66438

Sample name: ST-S-5

Sampling date: August 07, 2017

Sampling location: central dike seepage

Sampling hour: 07:15

Parameter	Result	Method name	Analysis date
Dissolved Phosphorus (P)	0.02 mg P/L	Sous-traitance\Multilab Direct	August 10, 2017
Total Phosphorus (P)	0.05 mg P/L	Sous-traitance\Multilab Direct	August 10, 2017
Lead (Pb)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Dissolved Lead (Pb)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Selenium (Se)	0.005 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Dissolved Selenium (Se)	0.001 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Dissolved Solids	2592 mg/L	M-TIT-1.0	August 08, 2017
Sulfate (SO4)	1654 mg SO4/L	Sous-traitance\Multilab Direct	August 09, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	August 16, 2017
Dissolved thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	August 16, 2017
Zinc (Zn)	0.002 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Dissolved Zinc	<0.001 mg/L	Sous-traitance\Multilab Direct	August 09, 2017

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Detection limit

Lab number: V-66438

Sample name: ST-S-5

Sampling date: August 07, 2017

Sampling location: central dike seepage

Sampling hour: 07:15

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

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Detection limit

Lab number: V-66438

Sample name: ST-S-5

Sampling date: August 07, 2017

Sampling location: central dike seepage

Sampling hour: 07:15

Parameter	Value	Unit	Method	Accreditation
Dissolved Phosphorus (P)	0.01	mg P/L	Sous-traitance	
Total Phosphorus (P)	0.01	mg P/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Dissolved Lead (Pb)	0.0003	mg/L	Sous-traitance	
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Dissolved Selenium (Se)	0.001	mg/L	Sous-traitance	
Dissolved Solids	1	mg/L	M-TIT-1.0	
Sulfate (SO4)	0.6	mg SO4/L	Sous-traitance	Yes
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Dissolved thallium (Tl)	0.0008	mg/L	Sous-traitance	
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes
Dissolved Zinc	0.001	mg/L	Sous-traitance	

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Quality control Report

Lab number: V-66438

Sample name: ST-S-5

Sampling location: central dike seepage

Sampling date: August 07, 2017

Sampling hour: 07:15

Parameter	
Acidity mg CaCO ₃ /L	Standard name STD acidité Result 253 Accuracy 98.8% Limit 213 - 288
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 152 Accuracy 95.2% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.003 Standard name DMR-0219-2017-Eu Result 6.61 Accuracy 94.6% Limit 5.02 - 7.52
Dissolved Aluminium (Al) mg/L	Blank <0.003 Standard name DMR-0219-2017-Eu Result 6.48 Accuracy 96.7% Limit 5.02 - 7.52
Silver (Ag) mg/L	Blank <0.0005 Standard name DMR-0343-2017-Ag Result 0.6850 Accuracy 85.4% Limit 0.642 - 0.962
Dissolved Silver (Ag) mg/L	Blank <0.0005 Standard name DMR-0343-2017-Ag Result 0.6850 Accuracy 85.4% Limit 0.642 - 0.962
Arsenic (As) mg/L	Blank <0.0005 Standard name DMR-0219-2017-Eu Result 0.2891 Accuracy 98.2% Limit 0.199 - 0.369
Dissolved Arsenic (As) mg/L	Blank <0.0005 Standard name DMR-0219-2017-Eu Result 0.2984 Accuracy 94.9% Limit 0.199 - 0.369
Ammonia nitrogen (NH ₃ -NH ₄) m	Blank <0.01 Standard name DMR-0343-2017-NH ₃ -NH ₄

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Quality control Report

Lab number: V-66438

Sample name: ST-S-5

Sampling location: central dike seepage

Sampling date: August 07, 2017

Sampling hour: 07:15

Parameter	
Barium (Ba) mg/L	Result 2.17
	Accuracy 98.1%
	Limit 1.81 - 2.45
	Blank <0.0002
	Standard name DMR-0219-2017-Eu
Dissolved Barium (Ba) mg/L	Result 2.525
	Accuracy 96.1%
	Limit 1.94 - 2.92
	Blank <0.0002
	Standard name DMR-0219-2017-Eu
Cadmium (Cd) mg/L	Result 2.519
	Accuracy 96.3%
	Limit 1.94 - 2.92
	Blank <0.00005
	Standard name DMR-0219-2017-Eu
Dissolved Cadmium (Cd) mg/L	Result 0.85919
	Accuracy 95.4%
	Limit 0.721 - 1.081
	Blank <0.00005
	Standard name DMR-0219-2017-Eu
Chrome (Cr) mg/L	Result 0.87487
	Accuracy 97.1%
	Limit 0.721 - 1.081
	Blank <0.0001
	Standard name DMR-0219-2017-Eu
Dissolved Chromium (Cr) mg/L	Result 3.697
	Accuracy 91.3%
	Limit 3.24 - 4.86
	Blank <0.0001
	Standard name DMR-0219-2017-Eu
Copper (Cu) mg/L	Result 3.719
	Accuracy 91.8%
	Limit 3.24 - 4.86
	Blank <0.0005
	Standard name DMR-0219-2017-Eu
Dissolved Copper (Cu) mg/L	Result 1.283
	Accuracy 99.8%
	Limit 1.02 - 1.54
	Blank <0.0005
	Standard name DMR-0219-2017-Eu

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Quality control Report

Lab number: V-66438

Sample name: ST-S-5

Sampling location: central dike seepage

Sampling date: August 07, 2017

Sampling hour: 07:15

Parameter	
Cyanide W.A.D. mg/L	Result 1.298
	Accuracy 98.6%
	Limit 1.02 - 1.54
	Blank <0.001
	Standard name DMR-0343-CN
Total Cyanide (CNT) mg/L	Result 0.911
	Accuracy 96.8%
	Limit 0.751 - 1.015
	Blank <0.001
	Standard name DMR-0343-CN
Iron (Fe) mg/L	Result 1.07
	Accuracy 90.7%
	Limit 1.003 - 1.357
	Blank <0.01
	Standard name DMR-0219-2017-Eu
Dissolved Iron (Fe) mg/L	Result 11.3
	Accuracy 99.1%
	Limit 9.1 - 13.7
	Blank <0.01
	Standard name DMR-0219-2017-Eu
Ferrous Iron (Fe 2+) mg/L	Result 11.3
	Accuracy 99.1%
	Limit 9.1 - 13.7
	Blank <0.01
	Standard name Maison-Fe++-0.5ppm
Dissolved ferrous Iron (Fe 2+) mg/L	Result 0.58
	Accuracy 84%
	Limit 0.4 - 0.6
	Blank <0.01
	Standard name Std-maison -diss
Ferric Iron (Fe 3+) mg/L	Result 0.58
	Accuracy 84%
	Limit 0.4 - 0.6
	Blank <0.01
	Blank <0.01
Dissolved ferric Iron (Fe 3+) mg/L	Blank <0.01
	Blank <0.01
	Blank <0.02
	Standard name DMR-0343-2017-F
	Result 2.22
Fluoride (F) mg/L	Accuracy 96.5%
	Limit 2.1 - 2.5

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Quality control Report

Lab number: V-66438

Sample name: ST-S-5

Sampling location: central dike seepage

Sampling date: August 07, 2017

Sampling hour: 07:15

Parameter	
Manganese (Mn) mg/L	Blank <0.0003 Standard name DMR-0219-2017-Eu Result 3.840 Accuracy 98.5% Limit 3.12 - 4.68
Dissolved Manganese (Mn) mg/L	Blank <0.0003 Standard name DMR-0219-2017-Eu Result 3.853 Accuracy 98.8% Limit 3.12 - 4.68
Mercury (Hg) mg/L	Blank <0.00001 Standard name DMR-0343-2017-HgEu Result 0.00046 Accuracy 65.7% Limit 0.00042 - 0.00098
Dissolved Mercury (Hg) mg/L	Blank <0.00001 Standard name DMR-0343-2017-HgEu Result 0.00046 Accuracy 65.7% Limit 0.00042 - 0.00098
Molybdenum (Mo) mg/L	Blank <0.0002 Standard name DMR-0219-2017-Eu Result 0.5664 Accuracy 80% Limit 0.566 - 0.850
Dissolved Molybdenum (Mo) mg/L	Blank <0.0002 Standard name DMR-0219-2017-Eu Result 0.5666 Accuracy 80% Limit 0.566 - 0.850
Ammonia NH ₃ (non-ionized) mg	Blank <0.01
Nickel (Ni) mg/L	Blank <0.0005 Standard name DMR-0219-2017-Eu Result 1.086 Accuracy 95.3% Limit 0.91 - 1.37
Dissolved Nickel (Ni) mg/L	Blank <0.0005 Standard name DMR-0219-2017-Eu Result 1.092 Accuracy 95.8%

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Quality control Report

Lab number: V-66438

Sample name: ST-S-5

Sampling location: central dike seepage

Sampling date: August 07, 2017

Sampling hour: 07:15

Parameter	
Nitrate (NO3) mg N/L	Limit 0.91 - 1.37
	Blank <0.01
	Blank <0.01
	Standard name DMR-0343-2017-NO2
Nitrite (NO2) mg N/L	Result 2.79
	Accuracy 97%
	Limit 2.30 - 3.12
	Blank <0.01
Dissolved Phosphorus (P) mg P/	Standard name DMR-0343-2017-Ptotal
	Result 1.27
	Accuracy 88.6%
	Limit 1.00 - 1.28
Total Phosphorus (P) mg P/L	Blank <0.01
	Standard name DMR-0343-2017-Ptotal
	Result 1.27
	Accuracy 88.6%
Lead (Pb) mg/L	Limit 1.00 - 1.28
	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 0.7927
Dissolved Lead (Pb) mg/L	Accuracy 87.8%
	Limit 0.722 - 1.084
	Blank <0.0005
	Standard name DMR-0219-2017-Eu
Selenium (Se) mg/L	Result 0.8059
	Accuracy 89.2%
	Limit 0.722 - 1.084
	Blank <0.001
Dissolved Selenium (Se) mg/L	Standard name DMR-0219-2017-Eu
	Result 1.32
	Accuracy 97.8%
	Limit 1.08 - 1.62
Sulfate (SO4) mg SO4/L	Blank <0.001
	Standard name DMR-0219-2017-Eu
	Result 1.32
	Accuracy 97.8%
	Limit 1.08 - 1.62
	Blank <0.6
	Standard name DMR-0343-2017-SO4
	Result 117

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Quality control Report

Lab number: V-66438

Sample name: ST-S-5

Sampling date: August 07, 2017

Sampling location: central dike seepage

Sampling hour: 07:15

Parameter

	Accuracy 95.1%
	Limit 114 - 132
Thallium (Tl) mg/L	Blank <0.0008
	Standard name TI-S140909023-1000ppm
	Result 1024

	Accuracy 97.6%
	Limit 800 - 1200
Dissolved thallium (Tl) mg/L	Blank <0.0008
	Standard name TI-S140909023-1000ppm
	Result 1024

	Accuracy 97.6%
	Limit 800 - 1200
Zinc (Zn) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 4.82

	Accuracy 94.3%
	Limit 3.65 - 5.47
Dissolved Zinc mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 4.79

	Accuracy 95%
	Limit 3.65 - 5.47

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Additional information

Lab number: V-66438

Sample name: ST-S-5

Sampling location: central dike seepage

Sampling date: August 07, 2017

Sampling hour: 07:15

Rush24H

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

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

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

Lab number: V-66439

Sampling location: Tailing pond south cell

Sampling date: August 07, 2017

Sample name: ST-21 South

Sampling hour: N/D

Sampled by: Tom T. IC

Date received: August 08, 2017

Matrix: Waste Water

Drinking water distribution: **OL-572177**

Reported on: August 23, 2017

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

Results relate only to the sample tested.

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

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

Lab number: V-66439

Sample name: ST-21 South

Sampling date: August 07, 2017

Sampling location: Tailing pond south cell

Sampling hour: N/D

Parameter	Result	Method name	Analysis date
Acidity	4 mg CaCO ₃ /L	M-TIT-1.0	August 08, 2017
Alkalinity	133 mg CaCO ₃ /L	M-TIT-1.0	August 08, 2017
Aluminium (Al)	0.198 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Dissolved Aluminium (Al)	0.111 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Silver (Ag)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Dissolved Silver (Ag)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Arsenic (As)	0.0095 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Arsenic 3	0.002 mg/L	Sous-traitance\CEAEQ	August 17, 2017
Arsenic 5	0.006 mg/L	Sous-traitance\CEAEQ	August 17, 2017
Dissolved Arsenic (As)	0.0086 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	41.4 mg N/L	Sous-traitance\Multilab Direct	August 09, 2017
Barium (Ba)	0.0918 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Dissolved Barium (Ba)	0.0895 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Cadmium (Cd)	0.00020 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Dissolved Cadmium (Cd)	<0.00005 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Chloride	310 mg/L	Sous-traitance\Multilab Direct	August 10, 2017
Chrome (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Dissolved Chromium (Cr)	<0.0001 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Copper (Cu)	0.1096 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Dissolved Copper (Cu)	0.1055 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Cyanates (CNO)	<0.01 mg CNO/L	Sous-traitance\Multilab Direct	August 10, 2017
Cyanide W.A.D.	0.097 mg/L	Sous-traitance\Multilab Direct	August 10, 2017
Total Cyanide (CNT)	0.228 mg/L	Sous-traitance\Multilab Direct	August 10, 2017
Hardness	1740 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	August 09, 2017
Iron (Fe)	0.37 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Dissolved Iron (Fe)	0.02 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Ferrous Iron (Fe 2+)	<0.01 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Dissolved ferrous Iron (Fe 2+)	0.01 mg/L	Sous-traitance\Multilab Direct	August 10, 2017
Ferric Iron (Fe 3+)	0.42 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Dissolved ferric Iron (Fe 3+)	0.01 mg/L	Sous-traitance\Multilab Direct	August 10, 2017
Fluoride (F)	0.38 mg/L	Sous-traitance\Multilab Direct	August 10, 2017
Total Suspended Solids	16 mg/L	M-SOLI-1.0	August 09, 2017
Manganese (Mn)	0.4228 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Dissolved Manganese (Mn)	0.4069 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Dissolved Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Molybdenum (Mo)	0.4203 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Dissolved Molybdenum (Mo)	0.4215 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Nickel (Ni)	0.0550 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Dissolved Nickel (Ni)	0.0567 mg/L	Sous-traitance\Multilab Direct	August 09, 2017

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Analytical Report

Lab number: V-66439

Sample name: ST-21 South

Sampling date: August 07, 2017

Sampling location: Tailing pond south cell

Sampling hour: N/D

Parameter	Result	Method name	Analysis date
Nitrate (NO3)	2.83 mg N/L	Sous-traitance\Multilab Direct	August 09, 2017
Nitrite (NO2)	0.15 mg N/L	Sous-traitance\Multilab Direct	August 09, 2017
Lead (Pb)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Dissolved Lead (Pb)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Selenium (Se)	0.026 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Selenium IV	0.004 mg/L	Sous-traitance\CEAEQ	August 10, 2017
Selenium VI	0.023 mg/L	Sous-traitance\CEAEQ	August 10, 2017
Dissolved Selenium (Se)	0.019 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	August 16, 2017
Dissolved thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	August 16, 2017
Thiocyanate (SCN)	<0.05 mg SCN/L	Sous-traitance\Multilab Direct	August 10, 2017
Zinc (Zn)	0.005 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Dissolved Zinc	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 09, 2017
Dissolved Solids	2664 mg/L	M-TIT-1.0	August 08, 2017

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Detection limit

Lab number: V-66439

Sample name: ST-21 South

Sampling date: August 07, 2017

Sampling location: Tailing pond south cell

Sampling hour: N/D

Parameter	Value	Unit	Method	Accreditation
Acidity	2	mg CaCO ₃ /L	M-TIT-1.0	
Alkalinity	2	mg CaCO ₃ /L	M-TIT-1.0	
Aluminium (Al)	0.006	mg/L	Sous-traitance	
Dissolved Aluminium (Al)	0.006	mg/L	Sous-traitance	
Silver (Ag)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Silver (Ag)	0.0001	mg/L	Sous-traitance	
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Arsenic 3		mg/L	Sous-traitance	
Arsenic 5		mg/L	Sous-traitance	
Dissolved Arsenic (As)	0.0005	mg/L	Sous-traitance	
Ammonia nitrogen (NH ₃ -NH ₄)	0.01	mg N/L	Sous-traitance	Yes
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Barium (Ba)	0.0005	mg/L	Sous-traitance	
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Dissolved Cadmium (Cd)	0.00002	mg/L	Sous-traitance	
Chloride	0.5	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Chromium (Cr)	0.0005	mg/L	Sous-traitance	
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Copper (Cu)	0.0005	mg/L	Sous-traitance	
Cyanates (CNO)	0.01	mg CNO/L	Sous-traitance	
Cyanide W.A.D.	0.001	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO ₃ /L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes
Dissolved Iron (Fe)	0.01	mg/L	Sous-traitance	
Ferrous Iron (Fe 2+)		mg/L	Sous-traitance	
Dissolved ferrous Iron (Fe 2+)		mg/L	Sous-traitance	
Ferric Iron (Fe 3+)		mg/L	Sous-traitance	
Dissolved ferric Iron (Fe 3+)		mg/L	Sous-traitance	
Fluoride (F)	0.02	mg/L	Sous-traitance	Yes
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Manganese (Mn)	0.0005	mg/L	Sous-traitance	
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Dissolved Mercury (Hg)	0.00001	mg/L	Sous-traitance	
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Nickel (Ni)	0.0005	mg/L	Sous-traitance	

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Detection limit

Lab number: V-66439

Sample name: ST-21 South

Sampling date: August 07, 2017

Sampling location: Tailing pond south cell

Sampling hour: N/D

Parameter	Value	Unit	Method	Accreditation
Nitrate (NO3)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO2)	0.01	mg N/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Dissolved Lead (Pb)	0.0003	mg/L	Sous-traitance	
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Selenium IV	0.001	mg/L	Sous-traitance	
Selenium VI	0.001	mg/L	Sous-traitance	
Dissolved Selenium (Se)	0.001	mg/L	Sous-traitance	
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Dissolved thallium (Tl)	0.0008	mg/L	Sous-traitance	
Thiocyanate (SCN)	0.05	mg SCN/L	Sous-traitance	Yes
Zinc (Zn)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Zinc	0.001	mg/L	Sous-traitance	
Dissolved Solids	1	mg/L	M-TIT-1.0	

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Quality control Report

Lab number: V-66439

Sample name: ST-21 South

Sampling date: August 07, 2017

Sampling location: Tailing pond south cell

Sampling hour: N/D

Parameter	
Acidity mg CaCO ₃ /L	Standard name STD acidité Result 253 Accuracy 98.8% Limit 213 - 288
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 152 Accuracy 95.2% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.003 Standard name DMR-0219-2017-Eu Result 6.61 Accuracy 94.6% Limit 5.02 - 7.52
Dissolved Aluminium (Al) mg/L	Blank <0.003 Standard name DMR-0219-2017-Eu Result 6.48 Accuracy 96.7% Limit 5.02 - 7.52
Silver (Ag) mg/L	Blank <0.0005 Standard name DMR-0343-2017-Ag Result 0.6850 Accuracy 85.4% Limit 0.642 - 0.962
Dissolved Silver (Ag) mg/L	Blank <0.0005 Standard name DMR-0343-2017-Ag Result 0.6850 Accuracy 85.4% Limit 0.642 - 0.962
Arsenic (As) mg/L	Blank <0.0005 Standard name DMR-0219-2017-Eu Result 0.2891 Accuracy 98.2% Limit 0.199 - 0.369
Dissolved Arsenic (As) mg/L	Blank <0.0005 Standard name DMR-0219-2017-Eu Result 0.2984 Accuracy 94.9% Limit 0.199 - 0.369
Ammonia nitrogen (NH ₃ -NH ₄) m	Blank <0.01 Standard name DMR-0343-2017-NH ₃ -NH ₄

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Quality control Report

Lab number: V-66439

Sample name: ST-21 South

Sampling date: August 07, 2017

Sampling location: Tailing pond south cell

Sampling hour: N/D

Parameter	
Barium (Ba) mg/L	Result 2.26
	Accuracy 93.9%
	Limit 1.81 - 2.45
	Blank <0.0002
	Standard name DMR-0219-2017-Eu
Dissolved Barium (Ba) mg/L	Result 2.525
	Accuracy 96.1%
	Limit 1.94 - 2.92
	Blank <0.0002
	Standard name DMR-0219-2017-Eu
Cadmium (Cd) mg/L	Result 2.519
	Accuracy 96.3%
	Limit 1.94 - 2.92
	Blank <0.00005
	Standard name DMR-0219-2017-Eu
Dissolved Cadmium (Cd) mg/L	Result 0.85919
	Accuracy 95.4%
	Limit 0.721 - 1.081
	Blank <0.00005
	Standard name DMR-0219-2017-Eu
Chrome (Cr) mg/L	Result 0.87487
	Accuracy 97.1%
	Limit 0.721 - 1.081
	Blank <0.0001
	Standard name DMR-0219-2017-Eu
Dissolved Chromium (Cr) mg/L	Result 3.697
	Accuracy 91.3%
	Limit 3.24 - 4.86
	Blank <0.0001
	Standard name DMR-0219-2017-Eu
Copper (Cu) mg/L	Result 3.719
	Accuracy 91.8%
	Limit 3.24 - 4.86
	Blank <0.0005
	Standard name DMR-0219-2017-Eu
Dissolved Copper (Cu) mg/L	Result 1.283
	Accuracy 99.8%
	Limit 1.02 - 1.54
	Blank <0.0005
	Standard name DMR-0219-2017-Eu

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-66439

Sample name: ST-21 South

Sampling date: August 07, 2017

Sampling location: Tailing pond south cell

Sampling hour: N/D

Parameter	
Cyanates (CNO) mg CNO/L	Result 1.298
	Accuracy 98.6%
	Limit 1.02 - 1.54
	Blank <0.01
	Standard name Controle Maison CNO 250 ppm
Cyanide W.A.D. mg/L	Result 186
	Accuracy 74.4%
	Limit 175 - 325
	Blank <0.001
	Standard name DMR-0343-CN
Total Cyanide (CNT) mg/L	Result 0.911
	Accuracy 96.8%
	Limit 0.751 - 1.015
	Blank <0.001
	Standard name DMR-0343-CN
Iron (Fe) mg/L	Result 1.07
	Accuracy 90.7%
	Limit 1.003 - 1.357
	Blank <0.01
	Standard name DMR-0219-2017-Eu
Dissolved Iron (Fe) mg/L	Result 11.3
	Accuracy 99.1%
	Limit 9.1 - 13.7
	Blank <0.01
	Standard name DMR-0219-2017-Eu
Ferrous Iron (Fe 2+) mg/L	Result 11.3
	Accuracy 99.1%
	Limit 9.1 - 13.7
	Blank <0.01
	Standard name Maison-Fe++-0.5ppm
Dissolved ferrous Iron (Fe 2+) mg/L	Result 0.58
	Accuracy 84%
	Limit 0.4 - 0.6
	Blank <0.01
	Standard name Std-maison -diss
Ferric Iron (Fe 3+) mg/L	Result 0.58
	Accuracy 84%
	Limit 0.4 - 0.6
	Blank <0.01
	Blank <0.01

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

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Quality control Report

Lab number: V-66439

Sample name: ST-21 South

Sampling date: August 07, 2017

Sampling location: Tailing pond south cell

Sampling hour: N/D

Parameter	
Fluoride (F) mg/L	Blank <0.02 Standard name DMR-0343-2017-F Result 2.22 Accuracy 96.5% Limit 2.1 - 2.5
Total Suspended Solids mg/L	Blank <1 Standard name STD-MES 250mg/L Result 249 Accuracy 99.6% Limit 194 - 306
Total Suspended Solids mg/L	Standard name STD-MES 25mg/L Result 21 Accuracy 84% Limit 19 - 31
Manganese (Mn) mg/L	Blank <0.0003 Standard name DMR-0219-2017-Eu Result 3.840 Accuracy 98.5% Limit 3.12 - 4.68
Dissolved Manganese (Mn) mg/L	Blank <0.0003 Standard name DMR-0219-2017-Eu Result 3.853 Accuracy 98.8% Limit 3.12 - 4.68
Dissolved Mercury (Hg) mg/L	Blank <0.00001 Standard name DMR-0343-2017-HgEu Result 0.00046 Accuracy 65.7% Limit 0.00042 - 0.00098
Molybdenum (Mo) mg/L	Blank <0.0002 Standard name DMR-0219-2017-Eu Result 0.5664 Accuracy 80% Limit 0.566 - 0.850
Dissolved Molybdenum (Mo) mg/L	Blank <0.0002 Standard name DMR-0219-2017-Eu Result 0.5666 Accuracy 80% Limit 0.566 - 0.850
Nickel (Ni) mg/L	Blank <0.0005

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Quality control Report

Lab number: V-66439

Sample name: ST-21 South

Sampling location: Tailing pond south cell

Sampling date: August 07, 2017

Sampling hour: N/D

Parameter	
	Standard name DMR-0219-2017-Eu
	Result 1.086
	Accuracy 95.3%
	Limit 0.91 - 1.37
Dissolved Nickel (Ni) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.092
	Accuracy 95.8%
	Limit 0.91 - 1.37
Nitrate (NO3) mg N/L	Blank <0.01
Nitrite (NO2) mg N/L	Blank <0.01
	Standard name DMR-0343-2017-NO2
	Result 2.76
	Accuracy 98.2%
	Limit 2.30 - 3.12
Lead (Pb) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 0.7927
	Accuracy 87.8%
	Limit 0.722 - 1.084
Dissolved Lead (Pb) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 0.8059
	Accuracy 89.2%
	Limit 0.722 - 1.084
Selenium (Se) mg/L	Blank <0.001
	Standard name DMR-0219-2017-Eu
	Result 1.32
	Accuracy 97.8%
	Limit 1.08 - 1.62
Dissolved Selenium (Se) mg/L	Blank <0.001
	Standard name DMR-0219-2017-Eu
	Result 1.32
	Accuracy 97.8%
	Limit 1.08 - 1.62
Thallium (Tl) mg/L	Blank <0.0008
	Standard name Tl-S140909023-1000ppm
	Result 1024
	Accuracy 97.6%
	Limit 800 - 1200

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

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Quality control Report

Lab number: V-66439

Sample name: ST-21 South

Sampling date: August 07, 2017

Sampling location: Tailing pond south cell

Sampling hour: N/D

Parameter

Dissolved thallium (Tl) mg/L Blank <0.0008
Standard name Tl-S140909023-1000ppm
Result 1024
Accuracy 97.6%
Limit 800 - 1200

Thiocyanate (SCN) mg SCN/L Blank <0.05
Standard name STD SCN 568ppm
Result 643
Accuracy 86.8%
Limit 398 - 738

Zinc (Zn) mg/L Blank <0.0005
Standard name DMR-0219-2017-Eu
Result 4.82
Accuracy 94.3%
Limit 3.65 - 5.47

Dissolved Zinc mg/L Blank <0.0005
Standard name DMR-0219-2017-Eu
Result 4.79
Accuracy 95%
Limit 3.65 - 5.47

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Additional information

Lab number: V-66439

Sample name: ST-21 South

Sampling location: Tailing pond south cell

Sampling date: August 07, 2017

Sampling hour: N/D

Rush 24H

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

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

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

Lab number: V-66440

Sampling location: Sewage

Sampling date: August 07, 2017

Sample name: STP-LJ Mix

Sampling hour: 08:20

Sampled by: Tom T

Date received: August 08, 2017

Matrix: Water

Drinking water distribution: **OL-572177**

Reported on: August 18, 2017

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

Results relate only to the sample tested.

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

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

Lab number: V-66440

Sample name: STP-LJ Mix

Sampling location: Sewage

Sampling date: August 07, 2017

Sampling hour: 08:20

Parameter	Result	Method name	Analysis date
Ammonia nitrogen (NH ₃ -NH ₄)	15.6 mg N/L	Sous-traitance\Multilab Direct	August 11, 2017
Kjeldahl nitrogen	24.7 mg N/L	Sous-traitance\Multilab Direct	August 18, 2017
BOD-5	5 mg/L	Sous-traitance\H2Lab inc. (SAM)	August 10, 2017
COD	63 mg/L	Sous-traitance\Multilab Direct	August 10, 2017
Total Suspended Solids	16 mg/L	M-SOLI-1.0	August 10, 2017
Ammonia NH ₃ (non-ionized)	0.06 mg N/L	Sous-traitance\Multilab Direct	August 11, 2017
Nitrate (NO ₃)	18.1 mg N/L	Sous-traitance\Multilab Direct	August 09, 2017
Nitrite (NO ₂)	0.73 mg N/L	Sous-traitance\Multilab Direct	August 09, 2017
Dissolved Organic Carbon (D.O.C.)	23.1 mg/L	M-COT-1.0	August 09, 2017

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

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Detection limit

Lab number: V-66440

Sample name: STP-LJ Mix

Sampling location: Sewage

Sampling date: August 07, 2017

Sampling hour: 08:20

Parameter	Value	Unit	Method	Accreditation
Ammonia nitrogen (NH ₃ -NH ₄)	0.01	mg N/L	Sous-traitance	Yes
Kjeldahl nitrogen	0.05	mg N/L	Sous-traitance	Yes
BOD-5	1	mg/L	Sous-traitance	
COD	2	mg/L	Sous-traitance	Yes
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Ammonia NH ₃ (non-ionized)	0.01	mg N/L	Sous-traitance	-
Nitrate (NO ₃)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO ₂)	0.01	mg N/L	Sous-traitance	Yes
Dissolved Organic Carbon (D.O.C.)	0.2	mg/L	M-COT-1.0	--

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

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Quality control Report

Lab number: V-66440

Sample name: STP-LJ Mix

Sampling location: Sewage

Sampling date: August 07, 2017

Sampling hour: 08:20

Parameter	
Ammonia nitrogen (NH ₃ -NH ₄) m	Blank <0.01
	Standard name DMR-0343-2017-NH ₃ -NH ₄
	Result 2.16
	Accuracy 98.6%
	Limit 1.81 - 2.45
Kjeldahl nitrogen mg N/L	Blank <0.05
	Standard name DMR-0417-2017-NTK
	Result 6.46
	Accuracy 86.1%
	Limit 4.82 - 6.52
Dissolved Organic Carbon (D.O.C)	Blank <0.2
	Standard name COD 10mg/L
	Result 10
	Accuracy 100%
	Limit 8 - 12
COD mg/L	Blank <2
	Standard name Dmr-0343-2017-9-DCO
	Result 50
	Accuracy 92.6%
	Limit 42 - 66
Total Suspended Solids mg/L	Blank <1
	Standard name STD-MES 25mg/L
	Result 24
	Accuracy 96%
	Limit 19 - 31
Ammonia NH ₃ (non-ionized) mg	Blank <0.01
Nitrate (NO ₃) mg N/L	Blank <0.01
Nitrite (NO ₂) mg N/L	Blank <0.01
	Standard name DMR-0343-2017-NO ₂
	Result 2.79
	Accuracy 97%
	Limit 2.30 - 3.12

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

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Additional information

Lab number: V-66440
Sample name: STP-LJ Mix
Sampling location: Sewage

Sampling date: August 07, 2017
Sampling hour: 08:20

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

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

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

Lab number: V-66441

Sampling location: Sewage

Sampling date: August 07, 2017

Sample name: STP-In

Sampling hour: 08:15

Sampled by: Tom T

Date received: August 08, 2017

Matrix: Water

Drinking water distribution: **OL-572177**

Reported on: August 25, 2017

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

Results relate only to the sample tested.

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

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

Lab number: V-66441

Sample name: STP-In

Sampling location: Sewage

Sampling date: August 07, 2017

Sampling hour: 08:15

Parameter	Result	Method name	Analysis date
Ammonia nitrogen (NH ₃ -NH ₄)	83.8 mg N/L	Sous-traitance\Multilab Direct	August 11, 2017
Kjeldahl nitrogen	105 mg N/L	Sous-traitance\Multilab Direct	August 18, 2017
BOD-5	126 mg/L	Sous-traitance\H2Lab inc. (SAM)	August 10, 2017
COD	468 mg/L	Sous-traitance\Multilab Direct	August 10, 2017
Total Suspended Solids	255 mg/L	M-SOLI-1.0	August 10, 2017
Ammonia NH ₃ (non-ionized)	1.09 mg N/L	Sous-traitance\Multilab Direct	August 11, 2017
Nitrate (NO ₃)	0.04 mg N/L	Sous-traitance\Multilab Direct	August 09, 2017
Nitrite (NO ₂)	0.02 mg N/L	Sous-traitance\Multilab Direct	August 09, 2017
Dissolved Organic Carbon (D.O.C)	166 mg/L	M-COT-1.0	August 09, 2017
Total Phosphorus (P)	10.0 mg P/L	Sous-traitance\Multilab Direct	August 25, 2017

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

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Detection limit

Lab number: V-66441

Sample name: STP-In

Sampling location: Sewage

Sampling date: August 07, 2017

Sampling hour: 08:15

Parameter	Value	Unit	Method	Accreditation
Ammonia nitrogen (NH ₃ -NH ₄)	0.01	mg N/L	Sous-traitance	Yes
Kjeldahl nitrogen	0.05	mg N/L	Sous-traitance	Yes
BOD-5	1	mg/L	Sous-traitance	
COD	2	mg/L	Sous-traitance	Yes
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Ammonia NH ₃ (non-ionized)	0.01	mg N/L	Sous-traitance	-
Nitrate (NO ₃)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO ₂)	0.01	mg N/L	Sous-traitance	Yes
Dissolved Organic Carbon (D.O.C.)	0.2	mg/L	M-COT-1.0	--
Total Phosphorus (P)	0.01	mg P/L	Sous-traitance	Yes

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Quality control Report

Lab number: V-66441

Sample name: STP-In

Sampling location: Sewage

Sampling date: August 07, 2017

Sampling hour: 08:15

Parameter	
Ammonia nitrogen (NH ₃ -NH ₄) m	Blank <0.01
	Standard name DMR-0343-2017-NH ₃ -NH ₄
	Result 2.16
	Accuracy 98.6%
	Limit 1.81 - 2.45
Kjeldahl nitrogen mg N/L	Blank <0.05
	Standard name DMR-0417-2017-NTK
	Result 6.46
	Accuracy 86.1%
	Limit 4.82 - 6.52
Dissolved Organic Carbon (D.O.C)	Blank <0.2
	Standard name COD 10mg/L
	Result 10
	Accuracy 100%
	Limit 8 - 12
COD mg/L	Blank <2
	Standard name Dmr-0343-2017-9-DCO
	Result 50
	Accuracy 92.6%
	Limit 42 - 66
Total Suspended Solids mg/L	Blank <1
	Standard name STD-MES 25mg/L
	Result 24
	Accuracy 96%
	Limit 19 - 31
Ammonia NH ₃ (non-ionized) mg	Blank <0.01
Nitrate (NO ₃) mg N/L	Blank <0.01
Nitrite (NO ₂) mg N/L	Blank <0.01
	Standard name DMR-0343-2017-NO ₂
	Result 2.79
	Accuracy 97%
	Limit 2.30 - 3.12
Total Phosphorus (P) mg P/L	Blank <0.01
	Standard name DMR-0417-2017-Ptotal
	Result 1.02
	Accuracy 89.5%
	Limit 1.00 - 1.28

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Additional information

Lab number: V-66441
Sample name: STP-In
Sampling location: Sewage

Sampling date: August 07, 2017
Sampling hour: 08:15

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

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

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

Lab number: V-66442

Sampling location: Sewage

Sampling date: August 07, 2017

Sample name: STP-SEP

Sampling hour: 08:25

Sampled by: Tom T

Date received: August 08, 2017

Matrix: Water

Drinking water distribution: **OL-572177**

Reported on: August 18, 2017

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

Results relate only to the sample tested.

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

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

Lab number: V-66442

Sample name: STP-SEP

Sampling location: Sewage

Sampling date: August 07, 2017

Sampling hour: 08:25

Parameter	Result	Method name	Analysis date
Ammonia nitrogen (NH ₃ -NH ₄)	52.1 mg N/L	Sous-traitance\Multilab Direct	August 11, 2017
Kjeldahl nitrogen	60.9 mg N/L	Sous-traitance\Multilab Direct	August 18, 2017
BOD-5	8 mg/L	Sous-traitance\H2Lab inc. (SAM)	August 10, 2017
COD	73 mg/L	Sous-traitance\Multilab Direct	August 10, 2017
Total Suspended Solids	16 mg/L	M-SOLI-1.0	August 10, 2017
Ammonia NH ₃ (non-ionized)	0.97 mg N/L	Sous-traitance\Multilab Direct	August 11, 2017
Nitrate (NO ₃)	1.42 mg N/L	Sous-traitance\Multilab Direct	August 09, 2017
Nitrite (NO ₂)	1.44 mg N/L	Sous-traitance\Multilab Direct	August 09, 2017
Dissolved Organic Carbon (D.O.C.)	39.0 mg/L	M-COT-1.0	August 09, 2017

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

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Detection limit

Lab number: V-66442

Sample name: STP-SEP

Sampling location: Sewage

Sampling date: August 07, 2017

Sampling hour: 08:25

Parameter	Value	Unit	Method	Accreditation
Ammonia nitrogen (NH ₃ -NH ₄)	0.01	mg N/L	Sous-traitance	Yes
Kjeldahl nitrogen	0.05	mg N/L	Sous-traitance	Yes
BOD-5	1	mg/L	Sous-traitance	
COD	2	mg/L	Sous-traitance	Yes
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Ammonia NH ₃ (non-ionized)	0.01	mg N/L	Sous-traitance	-
Nitrate (NO ₃)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO ₂)	0.01	mg N/L	Sous-traitance	Yes
Dissolved Organic Carbon (D.O.C.)	0.2	mg/L	M-COT-1.0	--

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

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Quality control Report

Lab number: V-66442

Sample name: STP-SEP

Sampling location: Sewage

Sampling date: August 07, 2017

Sampling hour: 08:25

Parameter	
Ammonia nitrogen (NH ₃ -NH ₄) m	Blank <0.01
	Standard name DMR-0343-2017-NH ₃ -NH ₄
	Result 2.16
	Accuracy 98.6%
	Limit 1.81 - 2.45
Kjeldahl nitrogen mg N/L	Blank <0.05
	Standard name DMR-0417-2017-NTK
	Result 6.46
	Accuracy 86.1%
	Limit 4.82 - 6.52
Dissolved Organic Carbon (D.O.C)	Blank <0.2
	Standard name COD 10mg/L
	Result 10
	Accuracy 100%
	Limit 8 - 12
COD mg/L	Blank <2
	Standard name Dmr-0343-2017-9-DCO
	Result 50
	Accuracy 92.6%
	Limit 42 - 66
Total Suspended Solids mg/L	Blank <1
	Standard name STD-MES 25mg/L
	Result 24
	Accuracy 96%
	Limit 19 - 31
Ammonia NH ₃ (non-ionized) mg	Blank <0.01
Nitrate (NO ₃) mg N/L	Blank <0.01
Nitrite (NO ₂) mg N/L	Blank <0.01
	Standard name DMR-0343-2017-NO ₂
	Result 2.79
	Accuracy 97%
	Limit 2.30 - 3.12

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

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Additional information

Lab number: V-66442
Sample name: STP-SEP
Sampling location: Sewage

Sampling date: August 07, 2017
Sampling hour: 08:25

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

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
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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-66443

Sampling location: ST-10 N65 04.11.9 W 95 59.52.7

Sampling date: August 07, 2017

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

Sampling hour: 09:00

Sampled by: Tom T/IC

Date received: August 08, 2017

Matrix: Water

Drinking water distribution: **OL-572177**

Reported on: September 11, 2017

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

Results relate only to the sample tested.

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

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



Analytical Report

Lab number: V-66443

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

Sampling date: August 07, 2017

Sampling location: ST-10 N65 04.11.9 W 95 59.52.7

Sampling hour: 09:00

Parameter	Result	Method name	Analysis date
Aluminium (Al)	0.202 mg/L	Sous-traitance\Multilab Direct	August 15, 2017
Dissolved Aluminium (Al)	0.015 mg/L	Sous-traitance\Multilab Direct	August 15, 2017
Antimony (Sb)	0.0009 mg/L	Sous-traitance\Multilab Direct	August 15, 2017
Dissolved Antimony (Sb)	0.0010 mg/L	Sous-traitance\Multilab Direct	August 15, 2017
Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 15, 2017
Dissolved Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 15, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	0.63 mg N/L	Sous-traitance\Multilab Direct	August 11, 2017
Kjeldahl nitrogen	1.54 mg N/L	Sous-traitance\Multilab Direct	August 18, 2017
Barium (Ba)	0.0200 mg/L	Sous-traitance\Multilab Direct	August 15, 2017
Dissolved Barium (Ba)	0.0199 mg/L	Sous-traitance\Multilab Direct	August 15, 2017
Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 15, 2017
Dissolved Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 15, 2017
bicarbonate (HCO ₃)	53 mg CaCO ₃ /L	M-TIT-1.0	August 09, 2017
Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	August 15, 2017
Dissolved Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	August 15, 2017
Cadmium (Cd)	0.00002 mg/L	Sous-traitance\Multilab Direct	August 15, 2017
Dissolved Cadmium (Cd)	0.00012 mg/L	Sous-traitance\Multilab Direct	August 15, 2017
Calcium (Ca)	22.6 mg/L	Sous-traitance\Multilab Direct	August 15, 2017
Carbonate (CO ₃)	<2 mg CaCO ₃ /L	M-TIT-1.0	August 09, 2017
Dissolved Organic Carbon (D.O.C.)	4.4 mg/L	M-COT-1.0	August 09, 2017
Total Organic Carbon (T.O.C.)	4.4 mg/L	M-COT-1.0	August 09, 2017
Chloride	6.4 mg/L	Sous-traitance\Multilab Direct	August 10, 2017
Chrome (Cr)	0.0017 mg/L	Sous-traitance\Multilab Direct	August 15, 2017
Dissolved Chromium (Cr)	0.0009 mg/L	Sous-traitance\Multilab Direct	August 15, 2017
Total Cyanide (CNT)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 11, 2017
Hardness	85 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	August 15, 2017
Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 15, 2017
dissolved Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 15, 2017
Iron (Fe)	0.32 mg/L	Sous-traitance\Multilab Direct	August 15, 2017
Dissolved Iron (Fe)	0.03 mg/L	Sous-traitance\Multilab Direct	August 15, 2017
Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	August 16, 2017
Dissolved Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	August 16, 2017
Total Suspended Solids	10 mg/L	M-SOLI-1.0	August 10, 2017
Magnesium (Mg)	7.02 mg/L	Sous-traitance\Multilab Direct	August 15, 2017
Manganese (Mn)	0.0448 mg/L	Sous-traitance\Multilab Direct	August 15, 2017
Dissolved Manganese (Mn)	0.0404 mg/L	Sous-traitance\Multilab Direct	August 15, 2017
Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	August 23, 2017
Dissolved Mercury (Hg)	0.00008 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Molybdenum (Mo)	0.0102 mg/L	Sous-traitance\Multilab Direct	August 15, 2017
Dissolved Molybdenum (Mo)	0.0110 mg/L	Sous-traitance\Multilab Direct	August 15, 2017

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Analytical Report

Lab number: V-66443

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

Sampling date: August 07, 2017

Sampling location: ST-10 N65 04.11.9 W 95 59.52.7

Sampling hour: 09:00

Parameter	Result	Method name	Analysis date
Ammonia NH3 (non-ionized)	<0.01 mg N/L	Sous-traitance\Multilab Direct	August 11, 2017
Nickel (Ni)	0.0041 mg/L	Sous-traitance\Multilab Direct	August 15, 2017
Dissolved Nickel (Ni)	0.0047 mg/L	Sous-traitance\Multilab Direct	August 15, 2017
Nitrate (NO3)	2.97 mg N/L	Sous-traitance\Multilab Direct	August 09, 2017
Nitrite (NO2)	0.03 mg N/L	Sous-traitance\Multilab Direct	August 09, 2017
Ortho-Phosphate (O-PO4)	<0.01 mg P/L	Sous-traitance\Multilab Direct	August 10, 2017
Total Phosphorus (P)	0.03 mg P/L	Sous-traitance\Multilab Direct	August 16, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	August 15, 2017
Dissolved Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	August 15, 2017
Potassium (K)	2.22 mg/L	Sous-traitance\Multilab Direct	August 15, 2017
Radium (Ra 226)	0.008 Becquerels/L	M-RA-2.0	August 18, 2017
Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 15, 2017
Dissolved Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 15, 2017
Reactive silica (SiO2)	0.95 mg/L	Sous-traitance\Maxxam	August 15, 2017
Sodium (Na)	3.99 mg/L	Sous-traitance\Multilab Direct	August 15, 2017
Dissolved Solids	147 mg/L	M-TIT-1.0	August 09, 2017
Strontium (Sr)	0.142 mg/L	Sous-traitance\Multilab Direct	August 16, 2017
dissolved Strontium (Sr)	0.146 mg/L	Sous-traitance\Multilab Direct	August 16, 2017
Sulfate (SO4)	40.6 mg SO4/L	Sous-traitance\Multilab Direct	August 21, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	August 16, 2017
Dissolved thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	August 16, 2017
Titanium (Ti)	0.03 mg/L	Sous-traitance\Multilab Direct	August 15, 2017
Dissolved titanium (Ti)	0.02 mg/L	Sous-traitance\Multilab Direct	August 15, 2017
Uranium (U)	0.002 mg/L	Sous-traitance\Multilab Direct	August 15, 2017
Dissolved Uranium (U)	0.002 mg/L	Sous-traitance\Multilab Direct	August 15, 2017
Vanadium (V)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 15, 2017
Dissolved Vanadium	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 15, 2017
Zinc (Zn)	0.006 mg/L	Sous-traitance\Multilab Direct	August 15, 2017
Dissolved Zinc	0.009 mg/L	Sous-traitance\Multilab Direct	August 15, 2017
Alkalinity	53 mg CaCO3/L	M-TIT-1.0	August 09, 2017
Copper (Cu)	0.0023 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Copper (Cu)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 29, 2017

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Detection limit

Lab number: V-66443

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

Sampling date: August 07, 2017

Sampling location: ST-10 N65 04.11.9 W 95 59.52.7

Sampling hour: 09:00

Parameter	Value	Unit	Method	Accreditation
Aluminium (Al)	0.006	mg/L	Sous-traitance	
Dissolved Aluminium (Al)	0.006	mg/L	Sous-traitance	
Antimony (Sb)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Antimony (Sb)	0.0001	mg/L	Sous-traitance	
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Arsenic (As)	0.0005	mg/L	Sous-traitance	
Ammonia nitrogen (NH ₃ -NH ₄)	0.01	mg N/L	Sous-traitance	Yes
Kjeldahl nitrogen	0.05	mg N/L	Sous-traitance	Yes
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Barium (Ba)	0.0005	mg/L	Sous-traitance	
Beryllium (Be)	0.0005	mg/L	Sous-traitance	
Dissolved Beryllium (Be)	0.0005	mg/L	Sous-traitance	
bicarbonate (HCO ₃)	2	mg CaCO ₃ /L	M-TIT-1.0	
Boron (B)	0.01	mg/L	Sous-traitance	Yes
Dissolved Boron (B)	0.01	mg/L	Sous-traitance	
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Dissolved Cadmium (Cd)	0.00002	mg/L	Sous-traitance	
Calcium (Ca)	0.03	mg/L	Sous-traitance	Yes
Carbonate (CO ₃)	2	mg CaCO ₃ /L	M-TIT-1.0	
Dissolved Organic Carbon (D.O.C.)	0.2	mg/L	M-COT-1.0	--
Total Organic Carbon (T.O.C.)	0.2	mg/L	M-COT-1.0	Yes
Chloride	0.5	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Dissolved Chromium (Cr)	0.0006	mg/L	Sous-traitance	
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO ₃ /L	Sous-traitance	
Tin (Sn)	0.001	mg/L	Sous-traitance	Yes
dissolved Tin (Sn)	0.001	mg/L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes
Dissolved Iron (Fe)	0.01	mg/L	Sous-traitance	
Lithium (Li)	0.005	mg/L	Sous-traitance	
Dissolved Lithium (Li)	0.005	mg/L	Sous-traitance	
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Magnesium (Mg)	0.02	mg/L	Sous-traitance	Yes
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Manganese (Mn)	0.0005	mg/L	Sous-traitance	
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Dissolved Mercury (Hg)	0.00001	mg/L	Sous-traitance	
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	

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Detection limit

Lab number: V-66443

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

Sampling date: August 07, 2017

Sampling location: ST-10 N65 04.11.9 W 95 59.52.7

Sampling hour: 09:00

Parameter	Value	Unit	Method	Accreditation
Ammonia NH3 (non-ionized)	0.01	mg N/L	Sous-traitance	-
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Nickel (Ni)	0.0005	mg/L	Sous-traitance	
Nitrate (NO3)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO2)	0.01	mg N/L	Sous-traitance	Yes
Ortho-Phosphate (O-PO4)	0.01	mg P/L	Sous-traitance	Yes
Total Phosphorus (P)	0.01	mg P/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Dissolved Lead (Pb)	0.0003	mg/L	Sous-traitance	
Potassium (K)	0.05	mg/L	Sous-traitance	
Radium (Ra 226)	0.002	Becquerels/L	M-RA-2.0	Yes
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Dissolved Selenium (Se)	0.001	mg/L	Sous-traitance	
Reactive silica (SiO2)		mg/L	Sous-traitance	
Sodium (Na)	0.05	mg/L	Sous-traitance	Yes
Dissolved Solids	1	mg/L	M-TIT-1.0	
Strontium (Sr)	0.005	mg/L	Sous-traitance	
dissolved Strontium (Sr)	0.005	mg/L	Sous-traitance	
Sulfate (SO4)	0.6	mg SO4/L	Sous-traitance	Yes
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Dissolved thallium (Tl)	0.0008	mg/L	Sous-traitance	
Titanium (Ti)	0.01	mg/L	Sous-traitance	
Dissolved titanium (Ti)	0.01	mg/L	Sous-traitance	
Uranium (U)	0.001	mg/L	Sous-traitance	
Dissolved Uranium (U)	0.001	mg/L	Sous-traitance	
Vanadium (V)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Vanadium	0.0005	mg/L	Sous-traitance	
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes
Dissolved Zinc	0.001	mg/L	Sous-traitance	
Alkalinity	2	mg CaCO3/L	M-TIT-1.0	
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Copper (Cu)	0.0005	mg/L	Sous-traitance	

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Quality control Report

Lab number: V-66443

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

Sampling location: ST-10 N65 04.11.9 W 95 59.52.7

Sampling date: August 07, 2017

Sampling hour: 09:00

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 153 Accuracy 94.5% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006
	Standard name DMR-0219-2017-Eu Result 7.47 Accuracy 80.9% Limit 5.02 - 7.52
Dissolved Aluminium (Al) mg/L	Blank <0.006
	Standard name DMR-0219-2017-Eu Result 7.43 Accuracy 81.5% Limit 5.02 - 7.52
Antimony (Sb) mg/L	Blank <0.0001
	Standard name C00-046-705_X_1000 Result 0.0088 Accuracy 88% Limit 0.0080 - 0.0120
Dissolved Antimony (Sb) mg/L	Blank <0.0001
	Standard name DMR-0219-2017-Eu Result 0.1810 Accuracy 81.5% Limit 0.178 - 0.266
Arsenic (As) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu Result 0.3002 Accuracy 94.3% Limit 0.199 - 0.369
Dissolved Arsenic (As) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu Result 0.3065 Accuracy 92.1% Limit 0.199 - 0.369
Ammonia nitrogen (NH ₃ -NH ₄) m	Blank <0.01
	Standard name DMR-0343-2017-NH ₃ -NH ₄ Result 2.16 Accuracy 98.6% Limit 1.81 - 2.45
Kjeldahl nitrogen mg N/L	Blank <0.05

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Quality control Report

Lab number: V-66443

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

Sampling location: ST-10 N65 04.11.9 W 95 59.52.7

Sampling date: August 07, 2017

Sampling hour: 09:00

Parameter	
	Standard name DMR-0417-2017-NTK
	Result 6.46
	Accuracy 86.1%
	Limit 4.82 - 6.52
Barium (Ba) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 2.393
	Accuracy 98.5%
	Limit 1.94 - 2.92
Dissolved Barium (Ba) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 2.459
	Accuracy 98.8%
	Limit 1.94 - 2.92
Beryllium (Be) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.701
	Accuracy 99.9%
	Limit 1.36 - 2.04
Dissolved Beryllium (Be) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.778
	Accuracy 95.4%
	Limit 1.36 - 2.04
Boron (B) mg/L	Blank <0.01
	Standard name DMR-0219-2017-Eu
	Result 3.43
	Accuracy 80.9%
	Limit 2.30 - 3.46
Dissolved Boron (B) mg/L	Blank <0.01
	Standard name DMR-0219-2017-Eu
	Result 3.36
	Accuracy 83.3%
	Limit 2.30 - 3.46
Cadmium (Cd) mg/L	Blank <0.00002
	Standard name DMR-0219-2017-Eu
	Result 0.88475
	Accuracy 98.2%
	Limit 0.721 - 1.081
Dissolved Cadmium (Cd) mg/L	Blank <0.00002

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Quality control Report

Lab number: V-66443

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

Sampling date: August 07, 2017

Sampling location: ST-10 N65 04.11.9 W 95 59.52.7

Sampling hour: 09:00

Parameter	
	Standard name DMR-0219-2017-Eu
	Result 0.96543
	Accuracy 92.8%
	Limit 0.721 - 1.081
Calcium (Ca) mg/L	Blank <0.03
	Standard name DMR-0219-2017-Eu
	Result 19.0
	Accuracy 94.1%
	Limit 16.2 - 24.2
Dissolved Organic Carbon (D.O.C.) mg/L	Blank <0.2
	Standard name COD 10mg/L
	Result 11
	Accuracy 90%
	Limit 8 - 12
Total Organic Carbon (T.O.C.) mg/L	Blank <0.2
	Standard name COT 10mg/L
	Result 11
	Accuracy 90%
	Limit 8 - 12
Chloride mg/L	Blank <0.5
	Standard name DMR-0343-2017-Cl
	Result 106
	Accuracy 98.1%
	Limit 95 - 121
Chrome (Cr) mg/L	Blank <0.0006
	Standard name DMR-0219-2017-Eu
	Result 3.731
	Accuracy 92.1%
	Limit 3.24 - 4.86
Dissolved Chromium (Cr) mg/L	Blank <0.0006
	Standard name DMR-0219-2017-Eu
	Result 4.830
	Accuracy 80.7%
	Limit 3.24 - 4.86
Copper (Cu) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1079
	Accuracy 92.1%
	Limit 0.0800 - 0.1200
Dissolved Copper (Cu) mg/L	Blank <0.0005

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Quality control Report

Lab number: V-66443

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

Sampling location: ST-10 N65 04.11.9 W 95 59.52.7

Sampling date: August 07, 2017

Sampling hour: 09:00

Parameter	
	Standard name C00-046-705_X_1000
	Result 0.0904
	Accuracy 90.4%
	Limit 0.0800 - 0.1200
Total Cyanide (CNT) mg/L	Blank <0.001
	Standard name DMR-0343-CN
	Result 1.29
	Accuracy 90.7%
	Limit 1.003 - 1.357
Tin (Sn) mg/L	Blank <0.001
	Standard name DMR-0310-2016-Sn
	Result 10.12
	Accuracy 88.4%
	Limit 7.26 - 10.88
dissolved Tin (Sn) mg/L	Blank <0.001
	Standard name DMR-0310-2016-Sn
	Result 11.70
	Accuracy 71%
	Limit 6.35 - 11.79
Iron (Fe) mg/L	Blank <0.01
	Standard name DMR-0219-2017-Eu
	Result 13.1
	Accuracy 85.1%
	Limit 9.1 - 13.7
Dissolved Iron (Fe) mg/L	Blank <0.01
	Standard name DMR-0219-2017-Eu
	Result 13.7
	Accuracy 79.8%
	Limit 9.1 - 13.7
Lithium (Li) mg/L	Blank <0.005
	Standard name DMR-0219-2017-Eu
	Result 0.839
	Accuracy 99.2%
	Limit 0.677 - 1.015
Dissolved Lithium (Li) mg/L	Blank <0.005
	Standard name DMR-0219-2017-Eu
	Result 0.904
	Accuracy 93.1%
	Limit 0.677 - 1.015
Total Suspended Solids mg/L	Blank <1

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Quality control Report

Lab number: V-66443

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

Sampling location: ST-10 N65 04.11.9 W 95 59.52.7

Sampling date: August 07, 2017

Sampling hour: 09:00

Parameter	
	Standard name STD-MES 25mg/L
	Result 24
	Accuracy 96%
	Limit 19 - 31
	Sample duplicate 10-9
Magnesium (Mg) mg/L	Blank <0.02
	Standard name DMR-0219-2017-Eu
	Result 9.48
	Accuracy 80.2%
	Limit 6.33 - 9.49
Manganese (Mn) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 4.597
	Accuracy 82.1%
	Limit 3.12 - 4.68
Dissolved Manganese (Mn) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 4.630
	Accuracy 81.3%
	Limit 3.12 - 4.68
Mercury (Hg) mg/L	Blank <0.00001
Dissolved Mercury (Hg) mg/L	Blank <0.00001
Molybdenum (Mo) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 0.6198
	Accuracy 87.5%
	Limit 0.566 - 0.850
Dissolved Molybdenum (Mo) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 0.6620
	Accuracy 93.5%
	Limit 0.566 - 0.850
Ammonia NH3 (non-ionized) mg	Blank <0.01
Nickel (Ni) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.086
	Accuracy 95.3%
	Limit 0.91 - 1.37
Dissolved Nickel (Ni) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu

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Quality control Report

Lab number: V-66443

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

Sampling date: August 07, 2017

Sampling location: ST-10 N65 04.11.9 W 95 59.52.7

Sampling hour: 09:00

Parameter	
	Result 1.143
	Accuracy 99.7%
	Limit 0.91 - 1.37
Nitrate (NO3) mg N/L	Blank <0.01
Nitrite (NO2) mg N/L	Blank <0.01
	Standard name DMR-0343-2017-NO2
	Result 2.79
	Accuracy 97%
	Limit 2.30 - 3.12
Ortho-Phosphate (O-PO4) mg P/	Blank <0.01
	Standard name DMR-0343-2017-OPO4
	Result 3.20
	Accuracy 99.7%
	Limit 2.81 - 3.57
Total Phosphorus (P) mg P/L	Blank <0.01
	Standard name DMR-0343-2017-Ptotal
	Result 1.14
	Accuracy 100%
	Limit 1.00 - 1.28
Lead (Pb) mg/L	Blank <0.0003
	Standard name DMR-0219-2017-Eu
	Result 0.8026
	Accuracy 88.9%
	Limit 0.722 - 1.084
Dissolved Lead (Pb) mg/L	Blank <0.0003
	Standard name DMR-0219-2017-Eu
	Result 0.8226
	Accuracy 91.1%
	Limit 0.722 - 1.084
Potassium (K) mg/L	Blank <0.05
	Standard name DMR-0219-2017-Eu
	Result 15.0
	Accuracy 84.3%
	Limit 14.2 - 21.4
Radium (Ra 226) Becquerels/L	Blank <0.002
	Standard name STD 54982
	Result 0.069
	Accuracy 100%
	Limit 0.059 - 0.079
Selenium (Se) mg/L	Blank <0.001

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Quality control Report

Lab number: V-66443

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

Sampling location: ST-10 N65 04.11.9 W 95 59.52.7

Sampling date: August 07, 2017

Sampling hour: 09:00

Parameter	
	Standard name DMR-0219-2017-Eu
	Result 1.46
	Accuracy 91.9%
	Limit 1.08 - 1.62
Dissolved Selenium (Se) mg/L	Blank <0.001
	Standard name DMR-0219-2017-Eu
	Result 1.45
	Accuracy 92.6%
	Limit 1.08 - 1.62
Sodium (Na) mg/L	Blank <0.05
	Standard name DMR-0219-2017-Eu
	Result 31.6
	Accuracy 83.4%
	Limit 21.7 - 32.5
Strontium (Sr) mg/L	Blank <0.005
	Standard name DMR-0219-2017-Eu
	Result 1.32
	Accuracy 92.7%
	Limit 0.98 - 1.48
dissolved Strontium (Sr) mg/L	Blank <0.005
	Standard name DMR-0219-2017-Eu
	Result 1.43
	Accuracy 83.7%
	Limit 0.98 - 1.48
Sulfate (SO4) mg SO4/L	Blank <0.6
	Standard name DMR-0417-2017-SO4
	Result 123
	Accuracy 100%
	Limit 114 - 132
Thallium (Tl) mg/L	Blank <0.0008
	Standard name TI-S140909023-1000ppm
	Result 996
	Accuracy 99.6%
	Limit 800 - 1200
Dissolved thallium (Tl) mg/L	Blank <0.0008
	Standard name TI-S140909023-1000ppm
	Result 1143
	Accuracy 85.7%
	Limit 800 - 1200
Titanium (Ti) mg/L	Blank <0.01

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

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Quality control Report

Lab number: V-66443

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

Sampling date: August 07, 2017

Sampling location: ST-10 N65 04.11.9 W 95 59.52.7

Sampling hour: 09:00

Parameter	
Dissolved titanium (Ti) mg/L	Blank <0.01
Uranium (U) mg/L	Blank <0.001
	Standard name DMR-0219-2017-Eu
	Result 1.63
	Accuracy 92.6%
	Limit 1.41 - 2.11
Dissolved Uranium (U) mg/L	Blank <0.001
	Standard name DMR-0219-2017-Eu
	Result 1.71
	Accuracy 97.2%
	Limit 1.41 - 2.11
Vanadium (V) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.807
	Accuracy 90.8%
	Limit 1.59 - 2.39
Dissolved Vanadium mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 2.256
	Accuracy 86.6%
	Limit 1.59 - 2.39
Zinc (Zn) mg/L	Blank <0.001
	Standard name DMR-0219-2017-Eu
	Result 4.67
	Accuracy 97.6%
	Limit 3.65 - 5.47
Dissolved Zinc mg/L	Blank <0.001
	Standard name DMR-0219-2017-Eu
	Result 4.75
	Accuracy 95.8%
	Limit 3.65 - 5.47

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

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Additional information

Lab number: V-66443

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

Sampling location: ST-10 N65 04.11.9 W 95 59.52.7

Sampling date: August 07, 2017

Sampling hour: 09:00

Lab method	Method reference
M-MET-3.0	MA.200-Mét. 1.2
M-NH3-2.0	MA.300-N 2.0
M-TIT-1.0	MA.303-Titr Auto 2.0
M-CL-2.0	MA.300-Ions 1.3
M-CN-1.0	MA.300-CN 1.2
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-P-2.0	MA.303-P 1.1
M-P-3.0	MA. 315-P 2.0
M-RA-2.0	APHA 7500-Ra B et EPA P.13 (EMSL-CI)
M-SULF-2.0	MA.300-Ions 1.3

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

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

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

Lab number: V-66445

Sampling location: Saddle Dam 1

Sampling date: August 07, 2017

Sample name: ST-S-2

Sampling hour: 07:30

Sampled by: MBA/VO

Date received: August 08, 2017

Matrix: Water

Drinking water distribution: **OL-572177**

Reported on: September 11, 2017

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

Results relate only to the sample tested.

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

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



Analytical Report

Lab number: V-66445

Sample name: ST-S-2

Sampling location: Saddle Dam 1

Sampling date: August 07, 2017

Sampling hour: 07:30

Parameter	Result	Method name	Analysis date
Alkalinity	73 mg CaCO ₃ /L	M-TIT-1.0	August 09, 2017
Aluminium (Al)	0.196 mg/L	Sous-traitance\Multilab Direct	August 17, 2017
Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	August 17, 2017
Arsenic (As)	0.0818 mg/L	Sous-traitance\Multilab Direct	August 17, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	0.04 mg N/L	Sous-traitance\Multilab Direct	August 11, 2017
Barium (Ba)	0.0204 mg/L	Sous-traitance\Multilab Direct	August 17, 2017
Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	August 17, 2017
Chloride	6.7 mg/L	Sous-traitance\Multilab Direct	August 10, 2017
Chrome (Cr)	0.0068 mg/L	Sous-traitance\Multilab Direct	August 17, 2017
Copper (Cu)	0.0041 mg/L	Sous-traitance\Multilab Direct	August 17, 2017
Cyanide W.A.D.	<0.001 mg/L	Sous-traitance\Multilab Direct	August 11, 2017
Total Cyanide (CNT)	0.007 mg/L	Sous-traitance\Multilab Direct	August 11, 2017
Fluoride (F)	0.25 mg/L	Sous-traitance\Multilab Direct	August 10, 2017
Total Suspended Solids	6 mg/L	M-SOLI-1.0	August 10, 2017
Manganese (Mn)	0.0899 mg/L	Sous-traitance\Multilab Direct	August 17, 2017
Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	August 23, 2017
Molybdenum (Mo)	0.0173 mg/L	Sous-traitance\Multilab Direct	August 17, 2017
Ammonia NH ₃ (non-ionized)	<0.01 mg N/L	Sous-traitance\Multilab Direct	August 11, 2017
Nitrate (NO ₃)	13.3 mg N/L	Sous-traitance\Multilab Direct	August 09, 2017
Nitrite (NO ₂)	0.01 mg N/L	Sous-traitance\Multilab Direct	August 09, 2017
Lead (Pb)	0.0052 mg/L	Sous-traitance\Multilab Direct	August 17, 2017
Selenium (Se)	0.001 mg/L	Sous-traitance\Multilab Direct	August 17, 2017
Dissolved Solids	392 mg/L	M-TIT-1.0	August 09, 2017
Sulfate (SO ₄)	134 mg SO ₄ /L	Sous-traitance\Multilab Direct	August 21, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	August 16, 2017
Zinc (Zn)	0.005 mg/L	Sous-traitance\Multilab Direct	August 17, 2017
Hardness	267 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	August 17, 2017
Iron (Fe)	0.38 mg/L	Sous-traitance\Multilab Direct	August 17, 2017
Nickel (Ni)	0.0313 mg/L	Sous-traitance\Multilab Direct	August 17, 2017

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

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Detection limit

Lab number: V-66445

Sample name: ST-S-2

Sampling location: Saddle Dam 1

Sampling date: August 07, 2017

Sampling hour: 07:30

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

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Quality control Report

Lab number: V-66445

Sample name: ST-S-2

Sampling location: Saddle Dam 1

Sampling date: August 07, 2017

Sampling hour: 07:30

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 153 Accuracy 94.5% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006 Standard name DMR-0219-2017-Eu Result 7.06 Accuracy 87.4% Limit 5.02 - 7.52
Silver (Ag) mg/L	Blank <0.0001
Arsenic (As) mg/L	Blank <0.0005 Standard name DMR-0219-2017-Eu Result 0.3444 Accuracy 78.7% Limit 0.199 - 0.369
Ammonia nitrogen (NH ₃ -NH ₄) m	Blank <0.01 Standard name DMR-0343-2017-NH ₃ -NH ₄ Result 2.16 Accuracy 98.6% Limit 1.81 - 2.45
Barium (Ba) mg/L	Blank <0.0005 Standard name DMR-0219-2017-Eu Result 2.444 Accuracy 99.4% Limit 1.94 - 2.92
Cadmium (Cd) mg/L	Blank <0.00002 Standard name DMR-0219-2017-Eu Result 0.97809 Accuracy 91.4% Limit 0.721 - 1.081
Chloride mg/L	Blank <0.5 Standard name DMR-0343-2017-Cl Result 106 Accuracy 98.1% Limit 95 - 121
Chrome (Cr) mg/L	Blank <0.0006 Standard name DMR-0219-2017-Eu Result 4.491 Accuracy 89.1% Limit 3.24 - 4.86

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

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Quality control Report

Lab number: V-66445

Sample name: ST-S-2

Sampling location: Saddle Dam 1

Sampling date: August 07, 2017

Sampling hour: 07:30

Parameter	
Copper (Cu) mg/L	Blank <0.0005 Standard name DMR-0219-2017-Eu Result 1.540 Accuracy 79.7% Limit 1.02 - 1.54
Cyanide W.A.D. mg/L	Blank <0.001 Standard name DMR-0343-CN Result 0.902 Accuracy 97.8% Limit 0.751 - 1.015
Total Cyanide (CNt) mg/L	Blank <0.001 Standard name DMR-0343-CN Result 1.29 Accuracy 90.7% Limit 1.003 - 1.357
Iron (Fe) mg/L	Blank <0.01 Standard name DMR-0219-2017-Eu Result 12.8 Accuracy 87.7% Limit 9.1 - 13.7
Fluoride (F) mg/L	Blank <0.02 Standard name DMR-0343-2017-F Result 2.22 Accuracy 96.5% Limit 2.1 - 2.5
Total Suspended Solids mg/L	Blank <1 Standard name STD-MES 25mg/L Result 24 Accuracy 96% Limit 19 - 31
Manganese (Mn) mg/L	Blank <0.0005 Standard name DMR-0219-2017-Eu Result 3.982 Accuracy 97.9% Limit 3.12 - 4.68
Mercury (Hg) mg/L	Blank <0.00001
Molybdenum (Mo) mg/L	Blank <0.0005 Standard name DMR-0219-2017-Eu Result 0.6644 Accuracy 93.8%

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

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Quality control Report

Lab number: V-66445

Sample name: ST-S-2

Sampling location: Saddle Dam 1

Sampling date: August 07, 2017

Sampling hour: 07:30

Parameter	
	Limit 0.566 - 0.850
Ammonia NH3 (non-ionized) mg	Blank <0.01
Nickel (Ni) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.316
	Accuracy 84.6%
	Limit 0.91 - 1.37
Nitrate (NO3) mg N/L	Blank <0.01
Nitrite (NO2) mg N/L	Blank <0.01
	Standard name DMR-0343-2017-NO2
	Result 2.79
	Accuracy 97%
	Limit 2.30 - 3.12
Lead (Pb) mg/L	Blank <0.0003
	Standard name DMR-0219-2017-Eu
	Result 0.9524
	Accuracy 94.5%
	Limit 0.722 - 1.084
Selenium (Se) mg/L	Blank <0.001
	Standard name DMR-0219-2017-Eu
	Result 1.54
	Accuracy 85.9%
	Limit 1.08 - 1.62
Sulfate (SO4) mg SO4/L	Blank <0.6
	Standard name DMR-0417-2017-SO4
	Result 123
	Accuracy 100%
	Limit 114 - 132
Thallium (Tl) mg/L	Blank <0.0008
	Standard name TI-S140909023-1000ppm
	Result 1133
	Accuracy 86.7%
	Limit 800 - 1200
Zinc (Zn) mg/L	Blank <0.001
	Standard name DMR-0219-2017-Eu
	Result 5.27
	Accuracy 84.4%
	Limit 3.65 - 5.47

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

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Additional information

Lab number: V-66445

Sample name: ST-S-2

Sampling location: Saddle Dam 1

Sampling date: August 07, 2017

Sampling hour: 07:30

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

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-66446

Sampling location: Rock storage facility

Sampling date: August 07, 2017

Sample name: ST-30

Sampling hour: 07:45

Sampled by: MBA/VO

Date received: August 08, 2017

Matrix: Water

Drinking water distribution: **OL-572177**

Reported on: September 11, 2017

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

Results relate only to the sample tested.

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

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

Lab number: V-66446

Sample name: ST-30

Sampling date: August 07, 2017

Sampling location: Rock storage facility

Sampling hour: 07:45

Parameter	Result	Method name	Analysis date
Alkalinity	98 mg CaCO ₃ /L	M-TIT-1.0	August 09, 2017
Aluminium (Al)	0.155 mg/L	Sous-traitance\Multilab Direct	August 17, 2017
Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	August 17, 2017
Arsenic (As)	0.0089 mg/L	Sous-traitance\Multilab Direct	August 17, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	0.95 mg N/L	Sous-traitance\Multilab Direct	August 11, 2017
Barium (Ba)	0.0205 mg/L	Sous-traitance\Multilab Direct	August 17, 2017
Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	August 17, 2017
Chloride	5.0 mg/L	Sous-traitance\Multilab Direct	August 10, 2017
Chrome (Cr)	0.0060 mg/L	Sous-traitance\Multilab Direct	August 17, 2017
Copper (Cu)	0.0169 mg/L	Sous-traitance\Multilab Direct	August 17, 2017
Cyanide W.A.D.	0.003 mg/L	Sous-traitance\Multilab Direct	August 15, 2017
Total Cyanide (CNT)	0.032 mg/L	Sous-traitance\Multilab Direct	August 15, 2017
Fluoride (F)	0.16 mg/L	Sous-traitance\Multilab Direct	August 10, 2017
Total Suspended Solids	8 mg/L	M-SOLI-1.0	August 10, 2017
Manganese (Mn)	0.3472 mg/L	Sous-traitance\Multilab Direct	August 17, 2017
Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	August 23, 2017
Molybdenum (Mo)	0.0019 mg/L	Sous-traitance\Multilab Direct	August 17, 2017
Ammonia NH ₃ (non-ionized)	0.01 mg N/L	Sous-traitance\Multilab Direct	August 11, 2017
Nitrate (NO ₃)	0.65 mg N/L	Sous-traitance\Multilab Direct	August 09, 2017
Nitrite (NO ₂)	0.05 mg N/L	Sous-traitance\Multilab Direct	August 09, 2017
Lead (Pb)	0.0031 mg/L	Sous-traitance\Multilab Direct	August 17, 2017
Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 17, 2017
Dissolved Solids	235 mg/L	M-TIT-1.0	August 09, 2017
Sulfate (SO ₄)	68.1 mg SO ₄ /L	Sous-traitance\Multilab Direct	August 21, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	August 16, 2017
Zinc (Zn)	0.003 mg/L	Sous-traitance\Multilab Direct	August 17, 2017
Hardness	150 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	August 17, 2017
Iron (Fe)	2.00 mg/L	Sous-traitance\Multilab Direct	August 17, 2017
Nickel (Ni)	0.0089 mg/L	Sous-traitance\Multilab Direct	August 17, 2017

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

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Detection limit

Lab number: V-66446

Sample name: ST-30

Sampling date: August 07, 2017

Sampling location: Rock storage facility

Sampling hour: 07:45

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

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

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



Quality control Report

Lab number: V-66446

Sample name: ST-30

Sampling location: Rock storage facility

Sampling date: August 07, 2017

Sampling hour: 07:45

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 153 Accuracy 94.5% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006 Standard name DMR-0219-2017-Eu Result 7.06 Accuracy 87.4% Limit 5.02 - 7.52
Silver (Ag) mg/L	Blank <0.0001
Arsenic (As) mg/L	Blank <0.0005 Standard name DMR-0219-2017-Eu Result 0.3444 Accuracy 78.7% Limit 0.199 - 0.369
Ammonia nitrogen (NH ₃ -NH ₄) m	Blank <0.01 Standard name DMR-0343-2017-NH ₃ -NH ₄ Result 2.16 Accuracy 98.6% Limit 1.81 - 2.45
Barium (Ba) mg/L	Blank <0.0005 Standard name DMR-0219-2017-Eu Result 2.444 Accuracy 99.4% Limit 1.94 - 2.92
Cadmium (Cd) mg/L	Blank <0.00002 Standard name DMR-0219-2017-Eu Result 0.97809 Accuracy 91.4% Limit 0.721 - 1.081
Chloride mg/L	Blank <0.5 Standard name DMR-0343-2017-Cl Result 106 Accuracy 98.1% Limit 95 - 121
Chrome (Cr) mg/L	Blank <0.0006 Standard name DMR-0219-2017-Eu Result 4.491 Accuracy 89.1% Limit 3.24 - 4.86

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

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Quality control Report

Lab number: V-66446

Sample name: ST-30

Sampling location: Rock storage facility

Sampling date: August 07, 2017

Sampling hour: 07:45

Parameter	
Copper (Cu) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.540
	Accuracy 79.7%
	Limit 1.02 - 1.54
Cyanide W.A.D. mg/L	Blank <0.001
	Standard name DMR-0343-CN
	Result 0.912
	Accuracy 96.7%
	Limit 0.751 - 1.015
Total Cyanide (CNT) mg/L	Blank <0.001
	Standard name DMR-0343-CN
	Result 1.27
	Accuracy 92.4%
	Limit 1.003 - 1.357
Iron (Fe) mg/L	Blank <0.01
	Standard name DMR-0219-2017-Eu
	Result 12.8
	Accuracy 87.7%
	Limit 9.1 - 13.7
Fluoride (F) mg/L	Blank <0.02
	Standard name DMR-0343-2017-F
	Result 2.22
	Accuracy 96.5%
	Limit 2.1 - 2.5
Total Suspended Solids mg/L	Blank <1
	Standard name STD-MES 25mg/L
	Result 24
	Accuracy 96%
	Limit 19 - 31
Manganese (Mn) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 3.982
	Accuracy 97.9%
	Limit 3.12 - 4.68
Mercury (Hg) mg/L	Blank <0.00001
	Sample duplicate <0.00001-<0.00001
Molybdenum (Mo) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 0.6644

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

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Quality control Report

Lab number: V-66446

Sample name: ST-30

Sampling location: Rock storage facility

Sampling date: August 07, 2017

Sampling hour: 07:45

Parameter	
	Accuracy 93.8%
	Limit 0.566 - 0.850
Ammonia NH ₃ (non-ionized) mg	Blank <0.01
Nickel (Ni) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.316
	Accuracy 84.6%
	Limit 0.91 - 1.37
Nitrate (NO ₃) mg N/L	Blank <0.01
Nitrite (NO ₂) mg N/L	Blank <0.01
	Standard name DMR-0343-2017-NO ₂
	Result 2.79
	Accuracy 97%
	Limit 2.30 - 3.12
Lead (Pb) mg/L	Blank <0.0003
	Standard name DMR-0219-2017-Eu
	Result 0.9524
	Accuracy 94.5%
	Limit 0.722 - 1.084
Selenium (Se) mg/L	Blank <0.001
	Standard name DMR-0219-2017-Eu
	Result 1.54
	Accuracy 85.9%
	Limit 1.08 - 1.62
Sulfate (SO ₄) mg SO ₄ /L	Blank <0.6
	Standard name DMR-0417-2017-SO ₄
	Result 123
	Accuracy 100%
	Limit 114 - 132
Thallium (Tl) mg/L	Blank <0.0008
	Standard name Tl-S140909023-1000ppm
	Result 1133
	Accuracy 86.7%
	Limit 800 - 1200
Zinc (Zn) mg/L	Blank <0.001
	Standard name DMR-0219-2017-Eu
	Result 5.27
	Accuracy 84.4%
	Limit 3.65 - 5.47

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

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Additional information

Lab number: V-66446

Sample name: ST-30

Sampling location: Rock storage facility

Sampling date: August 07, 2017

Sampling hour: 07:45

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

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-66447

Sampling location: Rock storage facility

Sampling date: August 07, 2017

Sample name: ST-31

Sampling hour: 08:00

Sampled by: MBA/VO

Date received: August 08, 2017

Matrix: Water

Drinking water distribution: **OL-572177**

Reported on: September 11, 2017

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

Results relate only to the sample tested.

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

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



Analytical Report

Lab number: V-66447

Sample name: ST-31

Sampling date: August 07, 2017

Sampling location: Rock storage facility

Sampling hour: 08:00

Parameter	Result	Method name	Analysis date
Alkalinity	111 mg CaCO ₃ /L	M-TIT-1.0	August 09, 2017
Aluminium (Al)	0.384 mg/L	Sous-traitance\Multilab Direct	August 17, 2017
Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	August 17, 2017
Arsenic (As)	0.0132 mg/L	Sous-traitance\Multilab Direct	August 17, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	0.18 mg N/L	Sous-traitance\Multilab Direct	August 11, 2017
Barium (Ba)	0.0209 mg/L	Sous-traitance\Multilab Direct	August 17, 2017
Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	August 17, 2017
Chloride	13.8 mg/L	Sous-traitance\Multilab Direct	August 10, 2017
Chrome (Cr)	0.0080 mg/L	Sous-traitance\Multilab Direct	August 17, 2017
Copper (Cu)	0.0030 mg/L	Sous-traitance\Multilab Direct	August 17, 2017
Cyanide W.A.D.	<0.001 mg/L	Sous-traitance\Multilab Direct	August 15, 2017
Total Cyanide (CNT)	0.002 mg/L	Sous-traitance\Multilab Direct	August 15, 2017
Fluoride (F)	0.20 mg/L	Sous-traitance\Multilab Direct	August 10, 2017
Total Suspended Solids	18 mg/L	M-SOLI-1.0	August 10, 2017
Manganese (Mn)	0.2204 mg/L	Sous-traitance\Multilab Direct	August 17, 2017
Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	August 23, 2017
Molybdenum (Mo)	0.0038 mg/L	Sous-traitance\Multilab Direct	August 17, 2017
Ammonia NH ₃ (non-ionized)	<0.01 mg N/L	Sous-traitance\Multilab Direct	August 11, 2017
Nitrate (NO ₃)	1.45 mg N/L	Sous-traitance\Multilab Direct	August 09, 2017
Nitrite (NO ₂)	0.03 mg N/L	Sous-traitance\Multilab Direct	August 09, 2017
Lead (Pb)	0.0028 mg/L	Sous-traitance\Multilab Direct	August 17, 2017
Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 17, 2017
Dissolved Solids	254 mg/L	M-TIT-1.0	August 09, 2017
Sulfate (SO ₄)	54.4 mg SO ₄ /L	Sous-traitance\Multilab Direct	August 21, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	August 16, 2017
Zinc (Zn)	0.005 mg/L	Sous-traitance\Multilab Direct	August 17, 2017
Hardness	162 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	August 17, 2017
Iron (Fe)	1.04 mg/L	Sous-traitance\Multilab Direct	August 17, 2017
Nickel (Ni)	0.0072 mg/L	Sous-traitance\Multilab Direct	August 17, 2017

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

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Detection limit

Lab number: V-66447

Sample name: ST-31

Sampling date: August 07, 2017

Sampling location: Rock storage facility

Sampling hour: 08:00

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

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

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Quality control Report

Lab number: V-66447

Sample name: ST-31

Sampling date: August 07, 2017

Sampling location: Rock storage facility

Sampling hour: 08:00

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 153 Accuracy 94.5% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006 Standard name DMR-0219-2017-Eu Result 7.06 Accuracy 87.4% Limit 5.02 - 7.52
Silver (Ag) mg/L	Blank <0.0001
Arsenic (As) mg/L	Blank <0.0005 Standard name DMR-0219-2017-Eu Result 0.3444 Accuracy 78.7% Limit 0.199 - 0.369
Ammonia nitrogen (NH ₃ -NH ₄) m	Blank <0.01 Standard name DMR-0343-2017-NH ₃ -NH ₄ Result 2.16 Accuracy 98.6% Limit 1.81 - 2.45
Barium (Ba) mg/L	Blank <0.0005 Standard name DMR-0219-2017-Eu Result 2.444 Accuracy 99.4% Limit 1.94 - 2.92
Cadmium (Cd) mg/L	Blank <0.00002 Standard name DMR-0219-2017-Eu Result 0.97809 Accuracy 91.4% Limit 0.721 - 1.081
Chloride mg/L	Blank <0.5 Standard name DMR-0343-2017-Cl Result 106 Accuracy 98.1% Limit 95 - 121
Chrome (Cr) mg/L	Blank <0.0006 Standard name DMR-0219-2017-Eu Result 4.491 Accuracy 89.1% Limit 3.24 - 4.86

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

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Quality control Report

Lab number: V-66447

Sample name: ST-31

Sampling location: Rock storage facility

Sampling date: August 07, 2017

Sampling hour: 08:00

Parameter	
Copper (Cu) mg/L	Blank <0.0005 Standard name DMR-0219-2017-Eu Result 1.540 Accuracy 79.7% Limit 1.02 - 1.54
Cyanide W.A.D. mg/L	Blank <0.001 Standard name DMR-0343-CN Result 0.912 Accuracy 96.7% Limit 0.751 - 1.015
Total Cyanide (CNT) mg/L	Blank <0.001 Standard name DMR-0343-CN Result 1.27 Accuracy 92.4% Limit 1.003 - 1.357
Iron (Fe) mg/L	Blank <0.01 Standard name DMR-0219-2017-Eu Result 12.8 Accuracy 87.7% Limit 9.1 - 13.7
Fluoride (F) mg/L	Blank <0.02 Standard name DMR-0343-2017-F Result 2.22 Accuracy 96.5% Limit 2.1 - 2.5
Total Suspended Solids mg/L	Blank <1 Standard name STD-MES 25mg/L Result 24 Accuracy 96% Limit 19 - 31
Manganese (Mn) mg/L	Blank <0.0005 Standard name DMR-0219-2017-Eu Result 3.982 Accuracy 97.9% Limit 3.12 - 4.68
Mercury (Hg) mg/L	Blank <0.00001
Molybdenum (Mo) mg/L	Blank <0.0005 Standard name DMR-0219-2017-Eu Result 0.6644 Accuracy 93.8%

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

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Quality control Report

Lab number: V-66447

Sample name: ST-31

Sampling date: August 07, 2017

Sampling location: Rock storage facility

Sampling hour: 08:00

Parameter	
	Limit 0.566 - 0.850
Ammonia NH3 (non-ionized) mg	Blank <0.01
Nickel (Ni) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.316
	Accuracy 84.6%
	Limit 0.91 - 1.37
Nitrate (NO3) mg N/L	Blank <0.01
Nitrite (NO2) mg N/L	Blank <0.01
	Standard name DMR-0343-2017-NO2
	Result 2.79
	Accuracy 97%
	Limit 2.30 - 3.12
Lead (Pb) mg/L	Blank <0.0003
	Standard name DMR-0219-2017-Eu
	Result 0.9524
	Accuracy 94.5%
	Limit 0.722 - 1.084
Selenium (Se) mg/L	Blank <0.001
	Standard name DMR-0219-2017-Eu
	Result 1.54
	Accuracy 85.9%
	Limit 1.08 - 1.62
Sulfate (SO4) mg SO4/L	Blank <0.6
	Standard name DMR-0417-2017-SO4
	Result 123
	Accuracy 100%
	Limit 114 - 132
Thallium (Tl) mg/L	Blank <0.0008
	Standard name TI-S140909023-1000ppm
	Result 1133
	Accuracy 86.7%
	Limit 800 - 1200
Zinc (Zn) mg/L	Blank <0.001
	Standard name DMR-0219-2017-Eu
	Result 5.27
	Accuracy 84.4%
	Limit 3.65 - 5.47

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

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Additional information

Lab number: V-66447

Sample name: ST-31

Sampling location: Rock storage facility

Sampling date: August 07, 2017

Sampling hour: 08:00

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

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

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

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

Lab number: V-66448

Sampling location: Tailing pond north cell

Sampling date: August 07, 2017

Sample name: ST-21 North

Sampling hour: 08:30

Sampled by: MBA/VO

Date received: August 08, 2017

Matrix: Waste Water

Drinking water distribution: **OL-572177**

Reported on: September 20, 2017

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

Results relate only to the sample tested.

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

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

Lab number: V-66448

Sample name: ST-21 North

Sampling date: August 07, 2017

Sampling location: Tailing pond north cell

Sampling hour: 08:30

Parameter	Result	Method name	Analysis date
Alkalinity	78 mg CaCO ₃ /L	M-TIT-1.0	August 09, 2017
Aluminium (Al)	0.134 mg/L	Sous-traitance\Multilab Direct	August 17, 2017
Dissolved Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	August 15, 2017
Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	August 17, 2017
Dissolved Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	August 15, 2017
Arsenic (As)	0.0100 mg/L	Sous-traitance\Multilab Direct	August 17, 2017
Dissolved Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 15, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	7.58 mg N/L	Sous-traitance\Multilab Direct	August 11, 2017
Barium (Ba)	0.0223 mg/L	Sous-traitance\Multilab Direct	August 17, 2017
Dissolved Barium (Ba)	0.0212 mg/L	Sous-traitance\Multilab Direct	August 15, 2017
Cadmium (Cd)	0.00004 mg/L	Sous-traitance\Multilab Direct	August 17, 2017
Dissolved Cadmium (Cd)	0.00018 mg/L	Sous-traitance\Multilab Direct	August 15, 2017
Chloride	36.4 mg/L	Sous-traitance\Multilab Direct	August 10, 2017
Chrome (Cr)	0.0041 mg/L	Sous-traitance\Multilab Direct	August 17, 2017
Dissolved Chromium (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	August 15, 2017
Copper (Cu)	0.0121 mg/L	Sous-traitance\Multilab Direct	August 17, 2017
Dissolved Copper (Cu)	0.0059 mg/L	Sous-traitance\Multilab Direct	August 15, 2017
Cyanates (CNO)	<0.01 mg CNO/L	Sous-traitance\Multilab Direct	August 22, 2017
Cyanide W.A.D.	0.002 mg/L	Sous-traitance\Multilab Direct	August 15, 2017
Total Cyanide (CNT)	0.009 mg/L	Sous-traitance\Multilab Direct	August 15, 2017
Hardness	392 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	August 17, 2017
Iron (Fe)	0.74 mg/L	Sous-traitance\Multilab Direct	August 17, 2017
Dissolved Iron (Fe)	<0.01 mg/L	Sous-traitance\Multilab Direct	August 15, 2017
Fluoride (F)	0.20 mg/L	Sous-traitance\Multilab Direct	August 10, 2017
Total Suspended Solids	15 mg/L	M-SOLI-1.0	August 10, 2017
Manganese (Mn)	0.2337 mg/L	Sous-traitance\Multilab Direct	August 17, 2017
Dissolved Manganese (Mn)	0.1872 mg/L	Sous-traitance\Multilab Direct	August 15, 2017
Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	August 23, 2017
Dissolved Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	August 23, 2017
Dissolved Molybdenum (Mo)	0.0503 mg/L	Sous-traitance\Multilab Direct	August 15, 2017
Ammonia NH ₃ (non-ionized)	0.18 mg N/L	Sous-traitance\Multilab Direct	August 11, 2017
Nickel (Ni)	0.0166 mg/L	Sous-traitance\Multilab Direct	August 17, 2017
Dissolved Nickel (Ni)	0.0136 mg/L	Sous-traitance\Multilab Direct	August 15, 2017
Nitrate (NO ₃)	1.16 mg N/L	Sous-traitance\Multilab Direct	August 09, 2017
Nitrite (NO ₂)	0.14 mg N/L	Sous-traitance\Multilab Direct	August 09, 2017
Lead (Pb)	0.0096 mg/L	Sous-traitance\Multilab Direct	August 17, 2017
Dissolved Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	August 15, 2017
Selenium (Se)	0.003 mg/L	Sous-traitance\Multilab Direct	August 17, 2017
Selenium IV	<0.001 mg/L	Sous-traitance\CEAEQ	August 10, 2017
Selenium VI	0.003 mg/L	Sous-traitance\CEAEQ	August 10, 2017

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

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



Analytical Report

Lab number: V-66448

Sample name: ST-21 North

Sampling date: August 07, 2017

Sampling location: Tailing pond north cell

Sampling hour: 08:30

Parameter	Result	Method name	Analysis date
Dissolved Selenium (Se)	0.003 mg/L	Sous-traitance\Multilab Direct	August 15, 2017
Dissolved Solids	802 mg/L	M-TIT-1.0	August 09, 2017
Sulfate (SO4)	382 mg SO4/L	Sous-traitance\Multilab Direct	August 21, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	August 16, 2017
Dissolved thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	August 16, 2017
Thiocyanate (SCN)	8.04 mg SCN/L	Sous-traitance\Multilab Direct	August 12, 2017
Zinc (Zn)	0.002 mg/L	Sous-traitance\Multilab Direct	August 17, 2017
Dissolved Zinc	0.002 mg/L	Sous-traitance\Multilab Direct	August 15, 2017
Molybdenum (Mo)	0.0505 mg/L	Sous-traitance\Multilab Direct	August 17, 2017

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-66448

Sample name: ST-21 North

Sampling date: August 07, 2017

Sampling location: Tailing pond north cell

Sampling hour: 08:30

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO ₃ /L	M-TIT-1.0	
Aluminium (Al)	0.003	mg/L	Sous-traitance	
Dissolved Aluminium (Al)	0.006	mg/L	Sous-traitance	
Silver (Ag)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Silver (Ag)	0.0001	mg/L	Sous-traitance	
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Arsenic (As)	0.0005	mg/L	Sous-traitance	
Ammonia nitrogen (NH ₃ -NH ₄)	0.01	mg N/L	Sous-traitance	Yes
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Barium (Ba)	0.0005	mg/L	Sous-traitance	
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Dissolved Cadmium (Cd)	0.00002	mg/L	Sous-traitance	
Chloride	0.5	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Dissolved Chromium (Cr)	0.0006	mg/L	Sous-traitance	
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Copper (Cu)	0.0005	mg/L	Sous-traitance	
Cyanates (CNO)	0.01	mg CNO/L	Sous-traitance	
Cyanide W.A.D.	0.001	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO ₃ /L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes
Dissolved Iron (Fe)	0.01	mg/L	Sous-traitance	
Fluoride (F)	0.01	mg/L	Sous-traitance	Yes
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Manganese (Mn)	0.0005	mg/L	Sous-traitance	
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Dissolved Mercury (Hg)	0.00001	mg/L	Sous-traitance	
Dissolved Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	
Ammonia NH ₃ (non-ionized)	0.01	mg N/L	Sous-traitance	-
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Nickel (Ni)	0.0005	mg/L	Sous-traitance	
Nitrate (NO ₃)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO ₂)	0.01	mg N/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Dissolved Lead (Pb)	0.0003	mg/L	Sous-traitance	
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Selenium IV	0.001	mg/L	Sous-traitance	
Selenium VI	0.001	mg/L	Sous-traitance	

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-66448

Sample name: ST-21 North

Sampling date: August 07, 2017

Sampling location: Tailing pond north cell

Sampling hour: 08:30

Parameter	Value	Unit	Method	Accreditation
Dissolved Selenium (Se)	0.001	mg/L	Sous-traitance	
Dissolved Solids	1	mg/L	M-TIT-1.0	
Sulfate (SO4)	0.6	mg SO4/L	Sous-traitance	Yes
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Dissolved thallium (Tl)	0.0008	mg/L	Sous-traitance	
Thiocyanate (SCN)	0.05	mg SCN/L	Sous-traitance	Yes
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes
Dissolved Zinc	0.001	mg/L	Sous-traitance	
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes

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

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Quality control Report

Lab number: V-66448

Sample name: ST-21 North

Sampling location: Tailing pond north cell

Sampling date: August 07, 2017

Sampling hour: 08:30

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 153 Accuracy 94.5% Limit 123 - 167
Dissolved Aluminium (Al) mg/L	Blank <0.006 Standard name DMR-0219-2017-Eu Result 7.43 Accuracy 81.5% Limit 5.02 - 7.52
Dissolved Silver (Ag) mg/L	Blank <0.0001 Standard name DMR-0343-2017-Ag Result 0.6750 Accuracy 84.2% Limit 0.642 - 0.962
Dissolved Arsenic (As) mg/L	Blank <0.0005 Standard name DMR-0219-2017-Eu Result 0.3065 Accuracy 92.1% Limit 0.199 - 0.369
Ammonia nitrogen (NH ₃ -NH ₄) m	Blank <0.01 Standard name DMR-0343-2017-NH ₃ -NH ₄ Result 2.16 Accuracy 98.6% Limit 1.81 - 2.45
Dissolved Barium (Ba) mg/L	Blank <0.0005 Standard name DMR-0219-2017-Eu Result 2.459 Accuracy 98.8% Limit 1.94 - 2.92
Dissolved Cadmium (Cd) mg/L	Blank <0.00002 Standard name DMR-0219-2017-Eu Result 0.96543 Accuracy 92.8% Limit 0.721 - 1.081
Chloride mg/L	Blank <0.5 Standard name DMR-0343-2017-Cl Result 106 Accuracy 98.1% Limit 95 - 121
Dissolved Chromium (Cr) mg/L	Blank <0.0006

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Quality control Report

Lab number: V-66448

Sample name: ST-21 North

Sampling location: Tailing pond north cell

Sampling date: August 07, 2017

Sampling hour: 08:30

Parameter	
	Standard name DMR-0219-2017-Eu
	Result 4.830
	Accuracy 80.7%
	Limit 3.24 - 4.86
Dissolved Copper (Cu) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.351
	Accuracy 94.5%
	Limit 1.02 - 1.54
Cyanates (CNO) mg CNO/L	Blank <0.01
	Standard name Controle Maison CNO 250 ppm
	Result 237
	Accuracy 94.8%
	Limit 175 - 325
Cyanide W.A.D. mg/L	Blank <0.001
	Standard name DMR-0343-CN
	Result 0.912
	Accuracy 96.7%
	Limit 0.751 - 1.015
Total Cyanide (CNT) mg/L	Blank <0.001
	Standard name DMR-0343-CN
	Result 1.27
	Accuracy 92.4%
	Limit 1.003 - 1.357
Dissolved Iron (Fe) mg/L	Blank <0.01
	Standard name DMR-0219-2017-Eu
	Result 13.7
	Accuracy 79.8%
	Limit 9.1 - 13.7
Fluoride (F) mg/L	Blank <0.02
	Standard name DMR-0343-2017-F
	Result 2.22
	Accuracy 96.5%
	Limit 2.1 - 2.5
Total Suspended Solids mg/L	Blank <1
	Standard name STD-MES 25mg/L
	Result 24
	Accuracy 96%
	Limit 19 - 31
Dissolved Manganese (Mn) mg/L	Blank <0.0005

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Quality control Report

Lab number: V-66448

Sample name: ST-21 North

Sampling location: Tailing pond north cell

Sampling date: August 07, 2017

Sampling hour: 08:30

Parameter	
	Standard name DMR-0219-2017-Eu
	Result 4.630
	Accuracy 81.3%
	Limit 3.12 - 4.68
Mercury (Hg) mg/L	Blank <0.00001
Molybdenum (Mo) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 0.6644
	Accuracy 93.8%
	Limit 0.566 - 0.850
Dissolved Molybdenum (Mo) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 0.6620
	Accuracy 93.5%
	Limit 0.566 - 0.850
Ammonia NH3 (non-ionized) mg	Blank <0.01
Dissolved Nickel (Ni) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.143
	Accuracy 99.7%
	Limit 0.91 - 1.37
Nitrate (NO3) mg N/L	Blank <0.01
	Sample duplicate 1.16-1.16
Nitrite (NO2) mg N/L	Blank <0.01
	Standard name DMR-0343-2017-NO2
	Result 2.79
	Accuracy 97%
	Limit 2.30 - 3.12
	Sample duplicate 0.14-0.14
Dissolved Lead (Pb) mg/L	Blank <0.0003
	Standard name DMR-0219-2017-Eu
	Result 0.8226
	Accuracy 91.1%
	Limit 0.722 - 1.084
Dissolved Selenium (Se) mg/L	Blank <0.001
	Standard name DMR-0219-2017-Eu
	Result 1.45
	Accuracy 92.6%
	Limit 1.08 - 1.62
Sulfate (SO4) mg SO4/L	Blank <0.6

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

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Quality control Report

Lab number: V-66448

Sample name: ST-21 North

Sampling location: Tailing pond north cell

Sampling date: August 07, 2017

Sampling hour: 08:30

Parameter

Standard name DMR-0417-2017-SO4

Result 123

Accuracy 100%

Limit 114 - 132

Thallium (Tl) mg/L

Blank <0.0008

Standard name TI-S140909023-1000ppm

Result 996

Accuracy 99.6%

Limit 800 - 1200

Dissolved thallium (Tl) mg/L

Blank <0.0008

Standard name TI-S140909023-1000ppm

Result 1143

Accuracy 85.7%

Limit 800 - 1200

Thiocyanate (SCN) mg SCN/L

Blank <0.05

Standard name STD SCN 568ppm

Result 620

Accuracy 90.8%

Limit 398 - 738

Dissolved Zinc mg/L

Blank <0.001

Standard name DMR-0219-2017-Eu

Result 4.75

Accuracy 95.8%

Limit 3.65 - 5.47

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

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Additional information

Lab number: V-66448

Sample name: ST-21 North

Sampling location: Tailing pond north cell

Sampling date: August 07, 2017

Sampling hour: 08:30

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

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

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

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

Lab number: V-66852

Sampling location: ST-25

Sampling date: August 16, 2017

Sample name: ST-25

Sampling hour: 09:00

Sampled by: M Theriault

Date received: August 17, 2017

Matrix: Water

Drinking water distribution:

Reported on: September 11, 2017

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

Results relate only to the sample tested.

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

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

Lab number: V-66852

Sample name: ST-25

Sampling location: ST-25

Sampling date: August 16, 2017

Sampling hour: 09:00

Parameter	Result	Method name	Analysis date
Alkalinity	58 mg CaCO ₃ /L	M-TIT-1.0	August 17, 2017
Aluminium (Al)	0.083 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Arsenic (As)	0.0149 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	1.77 mg N/L	Sous-traitance\Multilab Direct	August 24, 2017
Barium (Ba)	0.0251 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Chloride	10.6 mg/L	Sous-traitance\Multilab Direct	August 21, 2017
Chrome (Cr)	0.0036 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Copper (Cu)	0.0029 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Total Cyanide (CNT)	0.004 mg/L	Sous-traitance\Multilab Direct	August 22, 2017
Hardness	129 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	August 25, 2017
Iron (Fe)	0.07 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Fluoride (F)	0.11 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Total Suspended Solids	1 mg/L	M-SOLI-1.0	August 18, 2017
Manganese (Mn)	0.0558 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	August 22, 2017
Molybdenum (Mo)	0.0211 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Ammonia NH ₃ (non-ionized)	0.03 mg N/L	Sous-traitance\Multilab Direct	August 24, 2017
Nickel (Ni)	0.0036 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Nitrate (NO ₃)	5.68 mg N/L	Sous-traitance\Multilab Direct	August 18, 2017
Nitrite (NO ₂)	0.08 mg N/L	Sous-traitance\Multilab Direct	August 18, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Selenium (Se)	0.002 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Solids	215 mg/L	M-TIT-1.0	August 17, 2017
Sulfate (SO ₄)	206 mg SO ₄ /L	Sous-traitance\Multilab Direct	July 04, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Zinc (Zn)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 25, 2017

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

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Detection limit

Lab number: V-66852

Sample name: ST-25

Sampling location: ST-25

Sampling date: August 16, 2017

Sampling hour: 09:00

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

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Quality control Report

Lab number: V-66852

Sample name: ST-25

Sampling location: ST-25

Sampling date: August 16, 2017

Sampling hour: 09:00

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 156 Accuracy 92.4% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006 Standard name C00-046-705_X_1000 Result 1.01 Accuracy 99% Limit 0.800 - 1.200
Silver (Ag) mg/L	Blank <0.0001 Standard name DMR-0343-2017-Ag Result 0.6730 Accuracy 83.9% Limit 0.642 - 0.962
Arsenic (As) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1002 Accuracy 99.8% Limit 0.0700 - 0.1300
Ammonia nitrogen (NH ₃ -NH ₄) m	Blank <0.01 Standard name DMR-0417-2017-NH ₃ -NH ₄ Result 2.26 Accuracy 93.9% Limit 1.81 - 2.45
Barium (Ba) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0932 Accuracy 93.2% Limit 0.0800 - 0.1200
Cadmium (Cd) mg/L	Blank <0.00002 Standard name C00-046-705_X_1000 Result 0.09652 Accuracy 96.5% Limit 0.0800 - 0.1200
Chloride mg/L	Blank <0.5 Standard name DMR-0417-2017-Cl Result 108 Accuracy 100% Limit 95 - 121
Chrome (Cr) mg/L	Blank <0.0006

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Quality control Report

Lab number: V-66852

Sample name: ST-25

Sampling location: ST-25

Sampling date: August 16, 2017

Sampling hour: 09:00

Parameter	
	Standard name C00-046-705_X_1000
	Result 0.1062
	Accuracy 93.8%
	Limit 0.0800 - 0.1200
Copper (Cu) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1086
	Accuracy 91.4%
	Limit 0.0800 - 0.1200
Total Cyanide (CNt) mg/L	Blank <0.001
	Standard name DMR-0343-CN
	Result 1.17
	Accuracy 99.2%
	Limit 1.003 - 1.357
Iron (Fe) mg/L	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.14
	Accuracy 86%
	Limit 0.800 - 1.200
Fluoride (F) mg/L	Blank <0.02
	Standard name DMR-0417-2017-F
	Result 2.38
	Accuracy 96.5%
	Limit 2.13 - 2.47
Total Suspended Solids mg/L	Blank <1
	Standard name STD-MES 25mg/L
	Result 28
	Accuracy 88%
	Limit 19 - 31
Manganese (Mn) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1047
	Accuracy 95.3%
	Limit 0.0800 - 0.1200
Mercury (Hg) mg/L	Blank <0.00001
Molybdenum (Mo) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0962
	Accuracy 96.2%
	Limit 0.0800 - 0.1200

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Quality control Report

Lab number: V-66852

Sample name: ST-25

Sampling location: ST-25

Sampling date: August 16, 2017

Sampling hour: 09:00

Parameter	
Ammonia NH3 (non-ionized) mg	Blank <0.01
Nickel (Ni) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1091
	Accuracy 90.9%
	Limit 0.0800 - 0.1200
Nitrate (NO3) mg N/L	Blank <0.01
Nitrite (NO2) mg N/L	Blank <0.01
	Standard name DMR-0417-2017-NO2
	Result 2.60
	Accuracy 95.9%
	Limit 2.30 - 3.12
Lead (Pb) mg/L	Blank <0.0003
	Standard name C00-046-705_X_1000
	Result 0.0966
	Accuracy 96.6%
	Limit 0.0800 - 0.1200
Selenium (Se) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.094
	Accuracy 94%
	Limit 0.0800 - 0.1200
Sulfate (SO4) mg SO4/L	Blank <0.6
	Standard name DMR-0417-2017-SO4
	Result 117
	Accuracy 95.1%
	Limit 114 - 132
Thallium (Tl) mg/L	Blank <0.0008
Zinc (Zn) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.103
	Accuracy 97%
	Limit 0.0800 - 0.1200

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

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Additional information

Lab number: V-66852

Sample name: ST-25

Sampling location: ST-25

Sampling date: August 16, 2017

Sampling hour: 09:00

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

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

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

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

Lab number: V-66853

Sampling location: Vault pit

Sampling date: August 16, 2017

Sample name: ST-23

Sampling hour: 08:00

Sampled by: M Theriault

Date received: August 17, 2017

Matrix: Waste Water

Drinking water distribution:

Reported on: September 11, 2017

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

Results relate only to the sample tested.

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

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

Lab number: V-66853

Sample name: ST-23

Sampling location: Vault pit

Sampling date: August 16, 2017

Sampling hour: 08:00

Parameter	Result	Method name	Analysis date
Alkalinity	114 mg CaCO ₃ /L	M-TIT-1.0	August 17, 2017
Aluminium (Al)	0.160 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Aluminium (Al)	0.015 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Antimony (Sb)	0.0074 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Antimony (Sb)	0.0072 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Arsenic (As)	0.0116 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	3.64 mg N/L	Sous-traitance\Multilab Direct	August 24, 2017
Kjeldahl nitrogen	3.74 mg N/L	Sous-traitance\Multilab Direct	September 06, 2017
Barium (Ba)	0.0346 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Barium (Ba)	0.0291 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
bicarbonate (HCO ₃)	114 mg CaCO ₃ /L	M-TIT-1.0	August 17, 2017
Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Boron (B)	0.02 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Calcium (Ca)	81.0 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Carbonate (CO ₃)	<2 mg CaCO ₃ /L	M-TIT-1.0	August 17, 2017
Dissolved Organic Carbon (D.O.C.)	7.6 mg/L	M-COT-1.0	August 17, 2017
Total Organic Carbon (T.O.C.)	8.3 mg/L	M-COT-1.0	August 17, 2017
Chloride	24.5 mg/L	Sous-traitance\Multilab Direct	August 21, 2017
Chrome (Cr)	0.0031 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Chromium (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Copper (Cu)	0.0017 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Copper (Cu)	0.0019 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Total Cyanide (CNT)	0.067 mg/L	Sous-traitance\Multilab Direct	August 22, 2017
Hardness	298 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	August 25, 2017
Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
dissolved Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Iron (Fe)	0.26 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Iron (Fe)	0.26 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Iron (Fe)	<0.01 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Fluoride (F)	0.16 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Dissolved Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Total Suspended Solids	8 mg/L	M-SOLI-1.0	August 18, 2017
Magnesium (Mg)	23.4 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Manganese (Mn)	0.2239 mg/L	Sous-traitance\Multilab Direct	August 25, 2017

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

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Analytical Report

Lab number: V-66853

Sample name: ST-23

Sampling location: Vault pit

Sampling date: August 16, 2017

Sampling hour: 08:00

Parameter	Result	Method name	Analysis date
Dissolved Manganese (Mn)	0.2105 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	August 22, 2017
Dissolved Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	August 22, 2017
Molybdenum (Mo)	0.0504 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Molybdenum (Mo)	0.0477 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Ammonia NH3 (non-ionized)	0.11 mg N/L	Sous-traitance\Multilab Direct	August 24, 2017
Nickel (Ni)	0.0079 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Nickel (Ni)	0.0079 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Nitrate (NO3)	8.86 mg N/L	Sous-traitance\Multilab Direct	August 18, 2017
Nitrite (NO2)	0.23 mg N/L	Sous-traitance\Multilab Direct	August 18, 2017
Ortho-Phosphate (O-PO4)	0.01 mg P/L	Sous-traitance\Multilab Direct	August 18, 2017
Total Phosphorus (P)	0.02 mg P/L	Sous-traitance\Multilab Direct	August 25, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Lead (Pb)	0.0021 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Potassium (K)	9.65 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Selenium (Se)	0.002 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Selenium (Se)	0.002 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Silica (Si)	6.11 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Sodium (Na)	13.6 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Solids	453 mg/L	M-TIT-1.0	August 17, 2017
Strontium (Sr)	0.646 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
dissolved Strontium (Sr)	0.708 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Sulfate (SO4)	60.5 mg SO4/L	Sous-traitance\Multilab Direct	July 04, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Dissolved thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Titanium (Ti)	0.08 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved titanium (Ti)	0.08 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Uranium (U)	0.016 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Uranium (U)	0.017 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Vanadium (V)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Vanadium	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Zinc (Zn)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Zinc	<0.001 mg/L	Sous-traitance\Multilab Direct	August 25, 2017

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Detection limit

Lab number: V-66853

Sample name: ST-23

Sampling location: Vault pit

Sampling date: August 16, 2017

Sampling hour: 08:00

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

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Detection limit

Lab number: V-66853

Sample name: ST-23

Sampling location: Vault pit

Sampling date: August 16, 2017

Sampling hour: 08:00

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

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Quality control Report

Lab number: V-66853

Sample name: ST-23

Sampling location: Vault pit

Sampling date: August 16, 2017

Sampling hour: 08:00

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 156 Accuracy 92.4% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006 Standard name C00-046-705_X_1000 Result 1.01 Accuracy 99% Limit 0.800 - 1.200
Dissolved Aluminium (Al) mg/L	Blank <0.006 Standard name DMR-0219-2017-Eu Result 6.41 Accuracy 97.8% Limit 5.02 - 7.52
Antimony (Sb) mg/L	Blank <0.0001 Standard name C00-046-705_X_1000 Result 0.0108 Accuracy 92% Limit 0.0080 - 0.0120
Dissolved Antimony (Sb) mg/L	Blank <0.0001 Standard name DMR-0219-2017-Eu Result 0.1888 Accuracy 85% Limit 0.178 - 0.266
Arsenic (As) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1002 Accuracy 99.8% Limit 0.0700 - 0.1300
Dissolved Arsenic (As) mg/L	Blank <0.0005 Standard name DMR-0219-2017-Eu Result 0.2534 Accuracy 89.2% Limit 0.199 - 0.369
Ammonia nitrogen (NH ₃ -NH ₄) m	Blank <0.01 Standard name DMR-0417-2017-NH ₃ -NH ₄ Result 2.26 Accuracy 93.9% Limit 1.81 - 2.45
Kjeldahl nitrogen mg N/L	Blank 0.20

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Quality control Report

Lab number: V-66853

Sample name: ST-23

Sampling location: Vault pit

Sampling date: August 16, 2017

Sampling hour: 08:00

Parameter	
	Standard name DMR-0417-2017-NTK
	Result 5.68
	Accuracy 99.8%
	Limit 4.82 - 6.52
Barium (Ba) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0932
	Accuracy 93.2%
	Limit 0.0800 - 0.1200
Dissolved Barium (Ba) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 2.456
	Accuracy 98.9%
	Limit 1.94 - 2.92
Beryllium (Be) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1105
	Accuracy 89.5%
	Limit 0.0800 - 0.1200
Dissolved Beryllium (Be) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.732
	Accuracy 98.1%
	Limit 1.36 - 2.04
Boron (B) mg/L	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.07
	Accuracy 93%
	Limit 0.800 - 1.200
Dissolved Boron (B) mg/L	Blank <0.01
	Standard name DMR-0219-2017-Eu
	Result 3.18
	Accuracy 89.6%
	Limit 2.30 - 3.46
Cadmium (Cd) mg/L	Blank <0.00002
	Standard name C00-046-705_X_1000
	Result 0.09652
	Accuracy 96.5%
	Limit 0.0800 - 0.1200
Dissolved Cadmium (Cd) mg/L	Blank <0.00002

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Quality control Report

Lab number: V-66853

Sample name: ST-23

Sampling location: Vault pit

Sampling date: August 16, 2017

Sampling hour: 08:00

Parameter	
	Standard name DMR-0219-2017-Eu
	Result 0.95994
	Accuracy 93.5%
	Limit 0.721 - 1.081
Calcium (Ca) mg/L	Blank <0.03
	Standard name C00-046-705_X_1000
	Result 1.02
	Accuracy 98%
	Limit 0.800 - 1.200
Dissolved Organic Carbon (D.O.C.) mg/L	Blank 0.2
	Standard name COD 10mg/L
	Result 11
	Accuracy 90%
	Limit 8 - 12
Total Organic Carbon (T.O.C.) mg/L	Blank 0.2
	Standard name COT 10mg/L
	Result 11
	Accuracy 90%
	Limit 8 - 12
Chloride mg/L	Blank <0.5
	Standard name DMR-0417-2017-Cl
	Result 108
	Accuracy 100%
	Limit 95 - 121
Chrome (Cr) mg/L	Blank <0.0006
	Standard name C00-046-705_X_1000
	Result 0.1062
	Accuracy 93.8%
	Limit 0.0800 - 0.1200
Dissolved Chromium (Cr) mg/L	Blank <0.0006
	Standard name DMR-0219-2017-Eu
	Result 4.085
	Accuracy 99.1%
	Limit 3.24 - 4.86
Copper (Cu) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1086
	Accuracy 91.4%
	Limit 0.0800 - 0.1200
Dissolved Copper (Cu) mg/L	Blank <0.0005

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Quality control Report

Lab number: V-66853

Sample name: ST-23

Sampling location: Vault pit

Sampling date: August 16, 2017

Sampling hour: 08:00

Parameter	
	Standard name DMR-0219-2017-Eu
	Result 1.371
	Accuracy 92.9%
	Limit 1.02 - 1.54
Total Cyanide (CNT) mg/L	Blank <0.001
	Standard name DMR-0343-CN
	Result 1.17
	Accuracy 99.2%
	Limit 1.003 - 1.357
Tin (Sn) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.093
	Accuracy 93%
	Limit 0.0800 - 0.1200
dissolved Tin (Sn) mg/L	Blank <0.001
	Standard name DMR-0310-2016-Sn
	Result 9.13
	Accuracy 99.3%
	Limit 6.35 - 11.79
Iron (Fe) mg/L	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.14
	Accuracy 86%
	Limit 0.800 - 1.200
Dissolved Iron (Fe) mg/L	Blank <0.01
	Standard name DMR-0219-2017-Eu
	Result 13.4
	Accuracy 82.5%
	Limit 9.1 - 13.7
Fluoride (F) mg/L	Blank <0.02
	Standard name DMR-0417-2017-F
	Result 2.38
	Accuracy 96.5%
	Limit 2.13 - 2.47
Lithium (Li) mg/L	Blank <0.005
Dissolved Lithium (Li) mg/L	Blank <0.005
	Standard name DMR-0219-2017-Eu
	Result 0.892
	Accuracy 94.6%
	Limit 0.677 - 1.015

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Quality control Report

Lab number: V-66853

Sample name: ST-23

Sampling location: Vault pit

Sampling date: August 16, 2017

Sampling hour: 08:00

Parameter	
Total Suspended Solids mg/L	Blank <1 Standard name STD-MES 25mg/L Result 28 Accuracy 88% Limit 19 - 31
Magnesium (Mg) mg/L	Blank <0.02 Standard name C00-046-705_X_1000 Result 1.08 Accuracy 92% Limit 0.800 - 1.200
Manganese (Mn) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1047 Accuracy 95.3% Limit 0.0800 - 0.1200
Dissolved Manganese (Mn) mg/L	Blank <0.0005 Standard name DMR-0219-2017-Eu Result 4.081 Accuracy 95.4% Limit 3.12 - 4.68
Mercury (Hg) mg/L	Blank <0.00001
Dissolved Mercury (Hg) mg/L	Blank <0.00001
Molybdenum (Mo) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0962 Accuracy 96.2% Limit 0.0800 - 0.1200
Dissolved Molybdenum (Mo) mg/L	Blank <0.0005 Standard name DMR-0219-2017-Eu Result 0.6629 Accuracy 93.6% Limit 0.566 - 0.850
Ammonia NH3 (non-ionized) mg	Blank <0.01
Nickel (Ni) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1091 Accuracy 90.9% Limit 0.0800 - 0.1200
Dissolved Nickel (Ni) mg/L	Blank <0.0005 Standard name DMR-0219-2017-Eu

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Quality control Report

Lab number: V-66853

Sample name: ST-23

Sampling location: Vault pit

Sampling date: August 16, 2017

Sampling hour: 08:00

Parameter	
	Result 1.179
	Accuracy 96.6%
	Limit 0.91 - 1.37
Nitrate (NO3) mg N/L	Blank <0.01
Nitrite (NO2) mg N/L	Blank <0.01
	Standard name DMR-0417-2017-NO2
	Result 2.60
	Accuracy 95.9%
	Limit 2.30 - 3.12
Ortho-Phosphate (O-PO4) mg P/l	Blank <0.01
	Standard name DMR-0417-2017-OPO4
	Result 3.06
	Accuracy 95.9%
	Limit 2.81 - 3.57
Total Phosphorus (P) mg P/L	Blank <0.01
	Standard name DMR-0417-2017-Ptotal
	Result 1.13
	Accuracy 99.1%
	Limit 1.00 - 1.28
	Sample duplicate 0.02-0.02
Lead (Pb) mg/L	Blank <0.0003
	Standard name C00-046-705_X_1000
	Result 0.0966
	Accuracy 96.6%
	Limit 0.0800 - 0.1200
Dissolved Lead (Pb) mg/L	Blank <0.0003
	Standard name DMR-0219-2017-Eu
	Result 0.8391
	Accuracy 92.9%
	Limit 0.722 - 1.084
Potassium (K) mg/L	Blank <0.05
	Standard name C00-046-705_X_1000
	Result 1.04
	Accuracy 96%
	Limit 0.800 - 1.200
Selenium (Se) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.094
	Accuracy 94%
	Limit 0.0800 - 0.1200

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Quality control Report

Lab number: V-66853

Sample name: ST-23

Sampling location: Vault pit

Sampling date: August 16, 2017

Sampling hour: 08:00

Parameter	
Dissolved Selenium (Se) mg/L	Blank <0.001
	Standard name DMR-0219-2017-Eu
	Result 1.52
	Accuracy 87.4%
	Limit 1.08 - 1.62
Silica (Si) mg/L	Blank <0.01
Sodium (Na) mg/L	Blank <0.05
	Standard name C00-046-705_X_1000
	Result 1.09
	Accuracy 91%
	Limit 0.800 - 1.200
Strontium (Sr) mg/L	Blank <0.005
dissolved Strontium (Sr) mg/L	Blank <0.005
	Standard name DMR-0219-2017-Eu
	Result 1.42
	Accuracy 84.6%
	Limit 0.98 - 1.48
Sulfate (SO4) mg SO4/L	Blank <0.6
	Standard name DMR-0417-2017-SO4
	Result 117
	Accuracy 95.1%
	Limit 114 - 132
Thallium (Tl) mg/L	Blank <0.0008
Dissolved thallium (Tl) mg/L	Blank <0.0008
	Standard name TI-S140909023-1000ppm
	Result 1070
	Accuracy 93%
	Limit 800 - 1200
Titanium (Ti) mg/L	Blank <0.01
Dissolved titanium (Ti) mg/L	Blank <0.01
Uranium (U) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.099
	Accuracy 99%
	Limit 0.0800 - 0.1200
Dissolved Uranium (U) mg/L	Blank <0.001
	Standard name DMR-0219-2017-Eu
	Result 1.71
	Accuracy 97.2%
	Limit 1.41 - 2.11

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Quality control Report

Lab number: V-66853

Sample name: ST-23

Sampling location: Vault pit

Sampling date: August 16, 2017

Sampling hour: 08:00

Parameter

Vanadium (V) mg/L Blank <0.0005
 Standard name C00-046-705_X_1000
 Result 0.1057
 Accuracy 94.3%
 Limit 0.0800 - 0.1200

Dissolved Vanadium mg/L Blank <0.0005
 Standard name DMR-0219-2017-Eu
 Result 2.051
 Accuracy 96.9%
 Limit 1.59 - 2.39

Zinc (Zn) mg/L Blank <0.001
 Standard name C00-046-705_X_1000
 Result 0.103
 Accuracy 97%
 Limit 0.0800 - 0.1200

Dissolved Zinc mg/L Blank <0.001
 Standard name DMR-0219-2017-Eu
 Result 4.94
 Accuracy 91.7%
 Limit 3.65 - 5.47

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Additional information

Lab number: V-66853
Sample name: ST-23
Sampling location: Vault pit

Sampling date: August 16, 2017
Sampling hour: 08:00

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

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

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

Lab number: V-66855

Sampling location: Incinerator

Sampling date: August 16, 2017

Sample name: I-Ash

Sampling hour: 08:00

Sampled by: M Theriault

Date received: August 17, 2017

Matrix: Solid

Drinking water distribution:

Reported on: September 12, 2017

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

Results relate only to the sample tested.

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

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

Lab number: V-66855

Sample name: I-Ash

Sampling location: Incinerator

Sampling date: August 16, 2017

Sampling hour: 08:00

Parameter	Result	Method name	Analysis date
Silver (Ag)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Arsenic (As)	0.2105 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Barium (Ba)	0.0682 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Cadmium (Cd)	0.0186 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Chrome (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Leaching (TCLP)		Sous-traitance\Multilab Direct	
Lead (Pb)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Selenium (Se)	0.017 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Zinc (Zn)	4.77 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Mercury (Hg)	0.00041 µg/L	Sous-traitance\Multilab Direct	September 08, 2017

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

Lab number: V-66855

Sample name: I-Ash

Sampling date: August 16, 2017

Sampling location: Incinerator

Sampling hour: 08:00

Parameter	Value	Unit	Method	Accreditation
Silver (Ag)	0.0002	mg/L	Sous-traitance	Yes
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Cadmium (Cd)	0.0001	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Lead (Pb)	0.0005	mg/L	Sous-traitance	Yes
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes

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

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Additional information

Lab number: V-66855

Sample name: I-Ash

Sampling location: Incinerator

Sampling date: August 16, 2017

Sampling hour: 08:00

Lab method	Method reference
M-LIX-1.0	MA.100-Lix.com. 1.1

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

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

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

Lab number: V-66856

Sampling location: filtering station

Sampling date: August 16, 2017

Sample name: Waste oil

Sampling hour: 08:00

Sampled by: M Theriault

Date received: August 17, 2017

Matrix: Oil

Drinking water distribution:

Reported on: August 25, 2017

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

Results relate only to the sample tested.

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

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

Lab number: V-66856

Sample name: Waste oil

Sampling date: August 16, 2017

Sampling location: filtering station

Sampling hour: 08:00

Parameter	Result	Method name	Analysis date
Burning parameters		Sous-traitance\Exova	
Quantity PCB	<1 ppm	Sous-traitance\Exova	August 23, 2017
Sulfur	0.25 %	Sous-traitance\Exova	August 18, 2017
Heat capacity	44879 kJ/kg	Sous-traitance\Exova	August 18, 2017
Water content (Karl Fischer)	2.33 % v/v	Sous-traitance\Exova	August 21, 2017
Flash point	>80 Celsius	Sous-traitance\Exova	August 25, 2017
Total halogen	81.6 ppm	Sous-traitance\Exova	August 18, 2017
Lead (Pb)	<5 ppm	Sous-traitance\Exova	August 18, 2017
Chrome (Cr)	<1 ppm	Sous-traitance\Exova	August 18, 2017
Cadmium (Cd)	<1 ppm	Sous-traitance\Exova	August 18, 2017
Arsenic (As)	<2 ppm	Sous-traitance\Exova	August 18, 2017

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

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Additional information

Lab number: V-66856

Sample name: Waste oil

Sampling location: filtering station

Sampling date: August 16, 2017

Sampling hour: 08:00

CI

Lab method

Method reference

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

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

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

Lab number: V-66921

Sampling location: Portage pit D

Sampling date: August 17, 2017

Sample name: ST-19

Sampling hour: 08:30

Sampled by: Martin Theriault

Date received: August 18, 2017

Matrix: Water

Drinking water distribution:

Reported on: September 11, 2017

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

Results relate only to the sample tested.

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

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

Lab number: V-66921

Sample name: ST-19

Sampling location: Portage pit D

Sampling date: August 17, 2017

Sampling hour: 08:30

Parameter	Result	Method name	Analysis date
Alkalinity	82 mg CaCO ₃ /L	M-TIT-1.0	August 18, 2017
Aluminium (Al)	0.016 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Aluminium (Al)	0.008 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	4.05 mg N/L	Sous-traitance\Multilab Direct	August 24, 2017
Barium (Ba)	0.0136 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Barium (Ba)	0.0093 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Chloride	28.0 mg/L	Sous-traitance\Multilab Direct	August 21, 2017
Chrome (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Chromium (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Copper (Cu)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Copper (Cu)	0.0006 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Cyanide W.A.D.	0.006 mg/L	Sous-traitance\Multilab Direct	August 23, 2017
Total Cyanide (CNT)	0.007 mg/L	Sous-traitance\Multilab Direct	August 23, 2017
Hardness	217 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	August 25, 2017
Iron (Fe)	<0.01 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Iron (Fe)	<0.01 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Fluoride (F)	0.38 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Total Suspended Solids	1 mg/L	M-SOLI-1.0	August 21, 2017
Manganese (Mn)	0.0852 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Manganese (Mn)	0.0639 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	August 22, 2017
Dissolved Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	August 22, 2017
Molybdenum (Mo)	0.0315 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Molybdenum (Mo)	0.0296 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Ammonia NH ₃ (non-ionized)	0.10 mg N/L	Sous-traitance\Multilab Direct	August 24, 2017
Nickel (Ni)	0.0199 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Nickel (Ni)	0.0166 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Nitrate (NO ₃)	10.3 mg N/L	Sous-traitance\Multilab Direct	August 23, 2017
Nitrite (NO ₂)	0.31 mg N/L	Sous-traitance\Multilab Direct	August 22, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Selenium (Se)	0.003 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Selenium (Se)	0.003 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Solids	388 mg/L	M-TIT-1.0	August 18, 2017

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Analytical Report

Lab number: V-66921

Sample name: ST-19

Sampling date: August 17, 2017

Sampling location: Portage pit D

Sampling hour: 08:30

Parameter	Result	Method name	Analysis date
Sulfate (SO4)	137 mg SO4/L	Sous-traitance\Multilab Direct	July 04, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Dissolved thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Zinc (Zn)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Zinc	<0.001 mg/L	Sous-traitance\Multilab Direct	August 25, 2017

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

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Detection limit

Lab number: V-66921

Sample name: ST-19

Sampling date: August 17, 2017

Sampling location: Portage pit D

Sampling hour: 08:30

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

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Detection limit

Lab number: V-66921

Sample name: ST-19

Sampling date: August 17, 2017

Sampling location: Portage pit D

Sampling hour: 08:30

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

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Quality control Report

Lab number: V-66921

Sample name: ST-19

Sampling location: Portage pit D

Sampling date: August 17, 2017

Sampling hour: 08:30

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 154 Accuracy 93.8% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006 Standard name C00-046-705_X_1000 Result 1.06 Accuracy 94% Limit 0.800 - 1.200
Dissolved Aluminium (Al) mg/L	Blank <0.006 Standard name DMR-0219-2017-Eu Result 6.41 Accuracy 97.8% Limit 5.02 - 7.52
Silver (Ag) mg/L	Blank <0.0001 Standard name DMR-0343-2017-Ag Result 0.6730 Accuracy 83.9% Limit 0.642 - 0.962
Dissolved Silver (Ag) mg/L	Blank <0.0001 Standard name DMR-0343-2017-Ag Result 0.6722 Accuracy 83.8% Limit 0.642 - 0.962
Arsenic (As) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0954 Accuracy 95.4% Limit 0.0700 - 0.1300
Dissolved Arsenic (As) mg/L	Blank <0.0005 Standard name DMR-0219-2017-Eu Result 0.2534 Accuracy 89.2% Limit 0.199 - 0.369
Ammonia nitrogen (NH ₃ -NH ₄) m	Blank <0.01 Standard name DMR-0417-2017-NH ₃ -NH ₄ Result 2.26 Accuracy 93.9% Limit 1.81 - 2.45
Sample duplicate 4.05-4.03	

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

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Quality control Report

Lab number: V-66921

Sample name: ST-19

Sampling location: Portage pit D

Sampling date: August 17, 2017

Sampling hour: 08:30

Parameter	
Barium (Ba) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0840 Accuracy 84% Limit 0.0800 - 0.1200
Dissolved Barium (Ba) mg/L	Blank <0.0005 Standard name DMR-0219-2017-Eu Result 2.456 Accuracy 98.9% Limit 1.94 - 2.92
Cadmium (Cd) mg/L	Blank <0.00002 Standard name C00-046-705_X_1000 Result 0.08717 Accuracy 87.2% Limit 0.0800 - 0.1200
Dissolved Cadmium (Cd) mg/L	Blank <0.00002 Standard name DMR-0219-2017-Eu Result 0.95994 Accuracy 93.5% Limit 0.721 - 1.081
Chloride mg/L	Blank <0.5 Standard name DMR-0417-2017-Cl Result 109 Accuracy 99.1% Limit 95 - 121
Chrome (Cr) mg/L	Blank <0.0006 Standard name C00-046-705_X_1000 Result 0.1000 Accuracy 100% Limit 0.0800 - 0.1200
Dissolved Chromium (Cr) mg/L	Blank <0.0006 Standard name DMR-0219-2017-Eu Result 4.085 Accuracy 99.1% Limit 3.24 - 4.86
Copper (Cu) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1065 Accuracy 93.5% Limit 0.0800 - 0.1200

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

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Quality control Report

Lab number: V-66921

Sample name: ST-19

Sampling location: Portage pit D

Sampling date: August 17, 2017

Sampling hour: 08:30

Parameter	
Dissolved Copper (Cu) mg/L	Blank <0.0005 Standard name DMR-0219-2017-Eu Result 1.371 Accuracy 92.9% Limit 1.02 - 1.54
Cyanide W.A.D. mg/L	Blank <0.001 Standard name DMR-0343-CN Result 0.896 Accuracy 98.5% Limit 0.751 - 1.015
Total Cyanide (CNt) mg/L	Blank <0.001 Standard name DMR-0343-CN Result 1.16 Accuracy 98.3% Limit 1.003 - 1.357
Iron (Fe) mg/L	Blank <0.01 Standard name C00-046-705_X_1000 Result 1.08 Accuracy 92% Limit 0.800 - 1.200
Dissolved Iron (Fe) mg/L	Blank <0.01 Standard name DMR-0219-2017-Eu Result 13.4 Accuracy 82.5% Limit 9.1 - 13.7
Fluoride (F) mg/L	Blank <0.02 Standard name DMR-0417-2017-F Result 2.38 Accuracy 96.5% Limit 2.13 - 2.47
Total Suspended Solids mg/L	Blank <1 Standard name STD-MES 250mg/L Result 218 Accuracy 87.2% Limit 194 - 306
Total Suspended Solids mg/L	Standard name STD-MES 25mg/L Result 20 Accuracy 80% Limit 19 - 31
Manganese (Mn) mg/L	Blank <0.0005

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

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Quality control Report

Lab number: V-66921

Sample name: ST-19

Sampling location: Portage pit D

Sampling date: August 17, 2017

Sampling hour: 08:30

Parameter	
	Standard name C00-046-705_X_1000
	Result 0.1017
	Accuracy 98.3%
	Limit 0.0800 - 0.1200
Dissolved Manganese (Mn) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 4.081
	Accuracy 95.4%
	Limit 3.12 - 4.68
Mercury (Hg) mg/L	Blank <0.00001
Dissolved Mercury (Hg) mg/L	Blank <0.00001
Molybdenum (Mo) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0892
	Accuracy 89.2%
	Limit 0.0800 - 0.1200
Dissolved Molybdenum (Mo) mg/	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 0.6629
	Accuracy 93.6%
	Limit 0.566 - 0.850
Ammonia NH3 (non-ionized) mg	Blank <0.01
	Sample duplicate 0.10-0.10
Nickel (Ni) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1032
	Accuracy 96.8%
	Limit 0.0800 - 0.1200
Dissolved Nickel (Ni) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.179
	Accuracy 96.6%
	Limit 0.91 - 1.37
Nitrate (NO3) mg N/L	Blank <0.01
	Sample duplicate 10.3-10.3
Nitrite (NO2) mg N/L	Blank <0.01
	Standard name DMR-0417-2017-NO2
	Result 2.40
	Accuracy 88.6%
	Limit 2.30 - 3.12

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

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Quality control Report

Lab number: V-66921

Sample name: ST-19

Sampling location: Portage pit D

Sampling date: August 17, 2017

Sampling hour: 08:30

Parameter	
Lead (Pb) mg/L	Sample duplicate 0.31-0.30
	Blank <0.0003
	Standard name C00-046-705_X_1000
	Result 0.0808
	Accuracy 80.8%
Dissolved Lead (Pb) mg/L	Limit 0.0800 - 0.1200
	Blank <0.0003
	Standard name DMR-0219-2017-Eu
	Result 0.8391
	Accuracy 92.9%
Selenium (Se) mg/L	Limit 0.722 - 1.084
	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.090
	Accuracy 90%
Dissolved Selenium (Se) mg/L	Limit 0.0800 - 0.1200
	Blank <0.001
	Standard name DMR-0219-2017-Eu
	Result 1.52
	Accuracy 87.4%
Sulfate (SO4) mg SO4/L	Limit 1.08 - 1.62
	Blank <0.6
	Standard name DMR-0417-2017-SO4
	Result 117
	Accuracy 95.1%
Thallium (Tl) mg/L Dissolved thallium (Tl) mg/L	Limit 114 - 132
	Blank <0.0008
	Standard name TI-S140909023-1000ppm
	Result 1070
	Accuracy 93%
Zinc (Zn) mg/L	Limit 800 - 1200
	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.099
	Accuracy 99%
Dissolved Zinc mg/L	Limit 0.0800 - 0.1200
	Blank <0.001
	Standard name DMR-0219-2017-Eu
	Result 4.94

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

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Quality control Report

Lab number: V-66921

Sample name: ST-19

Sampling location: Portage pit D

Sampling date: August 17, 2017

Sampling hour: 08:30

Parameter

Accuracy 91.7%

Limit 3.65 - 5.47

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

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Additional information

Lab number: V-66921

Sample name: ST-19

Sampling location: Portage pit D

Sampling date: August 17, 2017

Sampling hour: 08:30

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

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

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

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

Lab number: V-67000

Sampling location: Goose Pit

Sampling date: August 20, 2017

Sample name: ST-20 Pit Lake DUP

Sampling hour: 15:00

Sampled by: Martin Theriault

Date received: August 22, 2017

Matrix: Water

Drinking water distribution:

Reported on: September 11, 2017

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

Results relate only to the sample tested.

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

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

Lab number: V-67000

Sample name: ST-20 Pit Lake DUP

Sampling location: Goose Pit

Sampling date: August 20, 2017

Sampling hour: 15:00

Parameter	Result	Method name	Analysis date
Alkalinity	92 mg CaCO ₃ /L	M-TIT-1.0	August 22, 2017
Aluminium (Al)	0.121 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Antimony (Sb)	0.0005 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Antimony (Sb)	0.0004 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Arsenic (As)	0.0038 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	0.71 mg N/L	Sous-traitance\Multilab Direct	August 24, 2017
Kjeldahl nitrogen	1.03 mg N/L	Sous-traitance\Multilab Direct	September 06, 2017
Barium (Ba)	0.0503 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Barium (Ba)	0.0439 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
bicarbonate (HCO ₃)	92 mg CaCO ₃ /L	M-TIT-1.0	August 22, 2017
Boron (B)	0.08 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Boron (B)	0.03 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Cadmium (Cd)	0.00002 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Calcium (Ca)	42.3 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Carbonate (CO ₃)	<2 mg CaCO ₃ /L	M-TIT-1.0	August 22, 2017
Dissolved Organic Carbon (D.O.C.)	3.8 mg/L	M-COT-1.0	August 22, 2017
Total Organic Carbon (T.O.C.)	3.8 mg/L	M-COT-1.0	August 22, 2017
Chloride	22.8 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Chrome (Cr)	0.0020 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Chromium (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Copper (Cu)	0.0010 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Copper (Cu)	0.0006 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Cyanates (CNO)	<0.01 mg CNO/L	Sous-traitance\Multilab Direct	August 30, 2017
Total Cyanide (CNT)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Hardness	171 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	August 25, 2017
Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
dissolved Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Iron (Fe)	0.17 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Iron (Fe)	<0.01 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Total Suspended Solids	4 mg/L	M-SOLI-1.0	August 23, 2017
Magnesium (Mg)	16.0 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Manganese (Mn)	0.0573 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Manganese (Mn)	0.0296 mg/L	Sous-traitance\Multilab Direct	August 28, 2017

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Analytical Report

Lab number: V-67000

Sample name: ST-20 Pit Lake DUP

Sampling location: Goose Pit

Sampling date: August 20, 2017

Sampling hour: 15:00

Parameter	Result	Method name	Analysis date
Mercury (Hg)	0.00005 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Dissolved Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Molybdenum (Mo)	0.0197 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Molybdenum (Mo)	0.0198 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Ammonia NH3 (non-ionized)	0.02 mg N/L	Sous-traitance\Multilab Direct	August 24, 2017
Nickel (Ni)	0.0127 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Nickel (Ni)	0.0115 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Nitrate (NO3)	3.60 mg N/L	Sous-traitance\Multilab Direct	August 24, 2017
Nitrite (NO2)	0.08 mg N/L	Sous-traitance\Multilab Direct	August 24, 2017
Ortho-Phosphate (O-PO4)	0.01 mg P/L	Sous-traitance\Multilab Direct	August 24, 2017
Total Phosphorus (P)	0.03 mg P/L	Sous-traitance\Multilab Direct	August 25, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Lead (Pb)	0.0051 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Potassium (K)	9.53 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Selenium (Se)	0.002 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Selenium (Se)	0.001 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Reactive silica (SiO2)	5.4 mg/L	Sous-traitance\Maxxam	August 28, 2017
Sodium (Na)	32.8 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Solids	365 mg/L	M-TIT-1.0	August 22, 2017
Strontium (Sr)	0.302 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
dissolved Strontium (Sr)	0.263 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Sulfate (SO4)	143 mg SO4/L	Sous-traitance\Multilab Direct	August 30, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Thiocyanate (SCN)	<0.05 mg SCN/L	Sous-traitance\Multilab Direct	August 28, 2017
Titanium (Ti)	0.05 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved titanium (Ti)	0.04 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Uranium (U)	0.011 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Uranium (U)	0.012 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Vanadium (V)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Vanadium	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Zinc (Zn)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Zinc	0.001 mg/L	Sous-traitance\Multilab Direct	August 28, 2017

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Detection limit

Lab number: V-67000

Sample name: ST-20 Pit Lake DUP

Sampling date: August 20, 2017

Sampling location: Goose Pit

Sampling hour: 15:00

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

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Detection limit

Lab number: V-67000

Sample name: ST-20 Pit Lake DUP

Sampling date: August 20, 2017

Sampling location: Goose Pit

Sampling hour: 15:00

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

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Quality control Report

Lab number: V-67000

Sample name: ST-20 Pit Lake DUP

Sampling location: Goose Pit

Sampling date: August 20, 2017

Sampling hour: 15:00

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 153 Accuracy 94.5% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006 Standard name C00-046-705_X_1000 Result 1.08 Accuracy 92% Limit 0.800 - 1.200
Dissolved Aluminium (Al) mg/L	Blank <0.006 Standard name C00-046-705_X_1000 Result 1.03 Accuracy 97% Limit 0.800 - 1.200
Antimony (Sb) mg/L	Blank <0.0001 Standard name C00-046-705_X_1000 Result 0.0109 Accuracy 91% Limit 0.0080 - 0.0120
Dissolved Antimony (Sb) mg/L	Blank <0.0001 Standard name C00-046-705_X_1000 Result 0.0092 Accuracy 92% Limit 0.0080 - 0.0120
Arsenic (As) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0960 Accuracy 96% Limit 0.0700 - 0.1300
Dissolved Arsenic (As) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1079 Accuracy 92.1% Limit 0.0800 - 0.1200
Ammonia nitrogen (NH ₃ -NH ₄) m	Blank <0.01 Standard name DMR-0417-2017-NH ₃ -NH ₄ Result 2.30 Accuracy 92% Limit 1.81 - 2.45
Kjeldahl nitrogen mg N/L	Blank 0.20

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Quality control Report

Lab number: V-67000

Sample name: ST-20 Pit Lake DUP

Sampling location: Goose Pit

Sampling date: August 20, 2017

Sampling hour: 15:00

Parameter	
	Standard name DMR-0417-2017-NTK
	Result 5.68
	Accuracy 99.8%
	Limit 4.82 - 6.52
Barium (Ba) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0948
	Accuracy 94.8%
	Limit 0.0800 - 0.1200
Dissolved Barium (Ba) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0891
	Accuracy 89.1%
	Limit 0.0800 - 0.1200
Beryllium (Be) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1189
	Accuracy 81.1%
	Limit 0.0800 - 0.1200
Dissolved Beryllium (Be) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1124
	Accuracy 87.6%
	Limit 0.0800 - 0.1200
Boron (B) mg/L	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.12
	Accuracy 88%
	Limit 0.800 - 1.200
Dissolved Boron (B) mg/L	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 0.92
	Accuracy 92%
	Limit 0.800 - 1.200
Cadmium (Cd) mg/L	Blank <0.00002
	Standard name C00-046-705_X_1000
	Result 0.10008
	Accuracy 99.9%
	Limit 0.0800 - 0.1200
Dissolved Cadmium (Cd) mg/L	Blank <0.00002

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Quality control Report

Lab number: V-67000

Sample name: ST-20 Pit Lake DUP

Sampling location: Goose Pit

Sampling date: August 20, 2017

Sampling hour: 15:00

Parameter	
	Standard name C00-046-705_X_1000
	Result 0.10290
	Accuracy 97.1%
	Limit 0.0800 - 0.1200
Calcium (Ca) mg/L	Blank <0.03
	Standard name C00-046-705_X_1000
	Result 0.84
	Accuracy 84%
	Limit 0.800 - 1.200
Dissolved Organic Carbon (D.O.C.) mg/L	Blank <0.2
	Standard name COD 10mg/L
	Result 11
	Accuracy 90%
	Limit 8 - 12
Total Organic Carbon (T.O.C.) mg/L	Blank <0.2
	Standard name COT 10mg/L
	Result 11
	Accuracy 90%
	Limit 8 - 12
Chloride mg/L	Blank <0.5
	Standard name DMR-0417-2017-Cl
	Result 111
	Accuracy 97.2%
	Limit 95 - 121
Chrome (Cr) mg/L	Blank <0.0006
	Standard name C00-046-705_X_1000
	Result 0.1022
	Accuracy 97.8%
	Limit 0.0800 - 0.1200
Dissolved Chromium (Cr) mg/L	Blank <0.0006
	Standard name C00-046-705_X_1000
	Result 0.1055
	Accuracy 94.5%
	Limit 0.0800 - 0.1200
Copper (Cu) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1015
	Accuracy 98.5%
	Limit 0.0800 - 0.1200
Dissolved Copper (Cu) mg/L	Blank <0.0005

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Quality control Report

Lab number: V-67000

Sample name: ST-20 Pit Lake DUP

Sampling location: Goose Pit

Sampling date: August 20, 2017

Sampling hour: 15:00

Parameter	
	Standard name C00-046-705_X_1000
	Result 0.1137
	Accuracy 86.3%
	Limit 0.0800 - 0.1200
Cyanates (CNO) mg CNO/L	Blank <0.01
	Standard name Controle Maison CNO 250 ppm
	Result 216
	Accuracy 86.4%
	Limit 175 - 325
Total Cyanide (CNT) mg/L	Blank <0.001
	Standard name DMR-0343-CN
	Result 1.23
	Accuracy 95.8%
	Limit 1.003 - 1.357
Tin (Sn) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.092
	Accuracy 92%
	Limit 0.0800 - 0.1200
dissolved Tin (Sn) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.093
	Accuracy 93%
	Limit 0.0700 - 0.1300
Iron (Fe) mg/L	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.08
	Accuracy 92%
	Limit 0.800 - 1.200
Dissolved Iron (Fe) mg/L	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.13
	Accuracy 87%
	Limit 0.800 - 1.200
Lithium (Li) mg/L	Blank <0.005
	Standard name DMR-0219-2017-Eu
	Result 1.00
	Accuracy 81.8%
	Limit 0.677 - 1.015
Dissolved Lithium (Li) mg/L	Blank <0.005

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Quality control Report

Lab number: V-67000

Sample name: ST-20 Pit Lake DUP

Sampling location: Goose Pit

Sampling date: August 20, 2017

Sampling hour: 15:00

Parameter	
Total Suspended Solids mg/L	Blank <1 Standard name STD-MES 25mg/L Result 24 Accuracy 96% Limit 19 - 31
Magnesium (Mg) mg/L	Blank <0.02 Standard name C00-046-705_X_1000 Result 1.12 Accuracy 88% Limit 0.800 - 1.200
Manganese (Mn) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1041 Accuracy 95.9% Limit 0.0800 - 0.1200
Dissolved Manganese (Mn) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1034 Accuracy 96.6% Limit 0.0800 - 0.1200
Mercury (Hg) mg/L	Blank <0.00001 Standard name DMR-0343-2017-HgEu Result 0.00047 Accuracy 67.1% Limit 0.00042 - 0.00098
Dissolved Mercury (Hg) mg/L	Blank <0.00001 Standard name DMR-0343-2017-HgEu Result 0.00045 Accuracy 64.3% Limit 0.00042 - 0.00098
Molybdenum (Mo) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0967 Accuracy 96.7% Limit 0.0800 - 0.1200
Dissolved Molybdenum (Mo) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0996 Accuracy 99.6% Limit 0.0800 - 0.1200

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Quality control Report

Lab number: V-67000

Sample name: ST-20 Pit Lake DUP

Sampling date: August 20, 2017

Sampling location: Goose Pit

Sampling hour: 15:00

Parameter	
Ammonia NH ₃ (non-ionized) mg	Blank <0.01
Nickel (Ni) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1055
	Accuracy 94.5%
	Limit 0.0800 - 0.1200
Dissolved Nickel (Ni) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1104
	Accuracy 89.6%
	Limit 0.0800 - 0.1200
Nitrate (NO ₃) mg N/L	Blank <0.01
Nitrite (NO ₂) mg N/L	Blank <0.01
	Standard name DMR-0417-2017-NO ₂
	Result 2.73
	Accuracy 99.3%
	Limit 2.30 - 3.12
Ortho-Phosphate (O-PO ₄) mg P/	Blank <0.01
	Standard name DMR-0417-2017-OPO ₄
	Result 2.82
	Accuracy 88.4%
	Limit 2.81 - 3.57
Total Phosphorus (P) mg P/L	Blank <0.01
	Standard name DMR-0417-2017-Ptotal
	Result 1.12
	Accuracy 98.2%
	Limit 1.00 - 1.28
Lead (Pb) mg/L	Blank <0.0003
	Standard name C00-046-705_X_1000
	Result 0.0874
	Accuracy 87.4%
	Limit 0.0800 - 0.1200
Dissolved Lead (Pb) mg/L	Blank <0.0003
	Standard name C00-046-705_X_1000
	Result 0.0956
	Accuracy 95.6%
	Limit 0.0800 - 0.1200
Potassium (K) mg/L	Blank <0.05
	Standard name C00-046-705_X_1000
	Result 0.97

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Quality control Report

Lab number: V-67000

Sample name: ST-20 Pit Lake DUP

Sampling location: Goose Pit

Sampling date: August 20, 2017

Sampling hour: 15:00

Parameter	
Selenium (Se) mg/L	Accuracy 97%
	Limit 0.800 - 1.200
	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.097
Dissolved Selenium (Se) mg/L	Accuracy 97%
	Limit 0.0800 - 0.1200
	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.111
Sodium (Na) mg/L	Accuracy 89%
	Limit 0.0800 - 0.1200
	Blank <0.05
	Standard name C00-046-705_X_1000
	Result 1.03
Strontium (Sr) mg/L	Accuracy 97%
	Limit 0.800 - 1.200
	Blank <0.005
	Standard name DMR-0219-2017-Eu
	Result 1.42
dissolved Strontium (Sr) mg/L	Accuracy 84.6%
	Limit 0.98 - 1.48
	Blank <0.005
Sulfate (SO4) mg SO4/L	Blank <0.6
	Standard name DMR-0417-2017-SO4
Thallium (Tl) mg/L	Result 129
	Accuracy 95.1%
	Limit 114 - 132
	Blank <0.0008
	Standard name TI-S140909023-1000ppm
Dissolved thallium (Tl) mg/L	Result 1170
	Accuracy 83%
	Limit 800 - 1200
	Blank <0.0008
Thiocyanate (SCN) mg SCN/L	Blank <0.05
	Standard name STD SCN 568ppm
	Result 582
	Accuracy 97.5%
	Limit 398 - 738
Titanium (Ti) mg/L	Blank <0.01

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

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Quality control Report

Lab number: V-67000

Sample name: ST-20 Pit Lake DUP

Sampling date: August 20, 2017

Sampling location: Goose Pit

Sampling hour: 15:00

Parameter	
Dissolved titanium (Ti) mg/L	Blank <0.01
Uranium (U) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.090
	Accuracy 90%
	Limit 0.0800 - 0.1200
Dissolved Uranium (U) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.107
	Accuracy 93%
	Limit 0.0800 - 0.1200
Vanadium (V) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1066
	Accuracy 93.4%
	Limit 0.0800 - 0.1200
Dissolved Vanadium mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0999
	Accuracy 99.9%
	Limit 0.0800 - 0.1200
Zinc (Zn) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.100
	Accuracy 100%
	Limit 0.0800 - 0.1200
Dissolved Zinc mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.113
	Accuracy 87%
	Limit 0.0800 - 0.1200

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Additional information

Lab number: V-67000

Sample name: ST-20 Pit Lake DUP

Sampling location: Goose Pit

Sampling date: August 20, 2017

Sampling hour: 15:00

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

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

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

Lab number: V-66999

Sampling location: Goose Pit

Sampling date: August 20, 2017

Sample name: ST-20 Pit Lake

Sampling hour: 15:00

Sampled by: Martin Theriault

Date received: August 22, 2017

Matrix: Water

Drinking water distribution:

Reported on: September 11, 2017

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

Results relate only to the sample tested.

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

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

Lab number: V-66999

Sample name: ST-20 Pit Lake

Sampling location: Goose Pit

Sampling date: August 20, 2017

Sampling hour: 15:00

Parameter	Result	Method name	Analysis date
Alkalinity	92 mg CaCO ₃ /L	M-TIT-1.0	August 22, 2017
Aluminium (Al)	0.131 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Antimony (Sb)	0.0005 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Antimony (Sb)	0.0004 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Arsenic (As)	0.0016 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	0.70 mg N/L	Sous-traitance\Multilab Direct	August 24, 2017
Kjeldahl nitrogen	0.89 mg N/L	Sous-traitance\Multilab Direct	September 06, 2017
Barium (Ba)	0.0553 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Barium (Ba)	0.0434 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
bicarbonate (HCO ₃)	92 mg CaCO ₃ /L	M-TIT-1.0	August 22, 2017
Boron (B)	0.07 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Boron (B)	0.03 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Calcium (Ca)	43.9 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Carbonate (CO ₃)	<2 mg CaCO ₃ /L	M-TIT-1.0	August 22, 2017
Dissolved Organic Carbon (D.O.C.)	3.1 mg/L	M-COT-1.0	August 22, 2017
Total Organic Carbon (T.O.C.)	3.1 mg/L	M-COT-1.0	August 22, 2017
Chloride	21.9 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Chrome (Cr)	0.0023 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Chromium (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Copper (Cu)	0.0011 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Copper (Cu)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Cyanates (CNO)	<0.01 mg CNO/L	Sous-traitance\Multilab Direct	August 30, 2017
Total Cyanide (CNT)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Hardness	175 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	August 25, 2017
Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
dissolved Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Iron (Fe)	0.16 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Iron (Fe)	0.01 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Total Suspended Solids	2 mg/L	M-SOLI-1.0	August 23, 2017
Magnesium (Mg)	15.9 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Manganese (Mn)	0.0617 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Manganese (Mn)	0.0308 mg/L	Sous-traitance\Multilab Direct	August 28, 2017

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Analytical Report

Lab number: V-66999

Sample name: ST-20 Pit Lake

Sampling location: Goose Pit

Sampling date: August 20, 2017

Sampling hour: 15:00

Parameter	Result	Method name	Analysis date
Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Dissolved Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Molybdenum (Mo)	0.0201 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Molybdenum (Mo)	0.0197 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Ammonia NH3 (non-ionized)	0.02 mg N/L	Sous-traitance\Multilab Direct	August 24, 2017
Nickel (Ni)	0.0136 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Nickel (Ni)	0.0114 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Nitrate (NO3)	3.65 mg N/L	Sous-traitance\Multilab Direct	August 24, 2017
Nitrite (NO2)	0.08 mg N/L	Sous-traitance\Multilab Direct	August 24, 2017
Ortho-Phosphate (O-PO4)	<0.01 mg P/L	Sous-traitance\Multilab Direct	August 24, 2017
Total Phosphorus (P)	0.01 mg P/L	Sous-traitance\Multilab Direct	August 25, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Potassium (K)	9.33 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Selenium (Se)	0.001 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Selenium (Se)	0.001 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Reactive silica (SiO2)	4.8 mg/L	Sous-traitance\Maxxam	August 28, 2017
Sodium (Na)	33.1 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Solids	364 mg/L	M-TIT-1.0	August 22, 2017
Strontium (Sr)	0.303 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
dissolved Strontium (Sr)	0.271 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Sulfate (SO4)	145 mg SO4/L	Sous-traitance\Multilab Direct	August 30, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Thiocyanate (SCN)	<0.05 mg SCN/L	Sous-traitance\Multilab Direct	August 28, 2017
Titanium (Ti)	0.05 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved titanium (Ti)	0.04 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Uranium (U)	0.011 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Uranium (U)	0.012 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Vanadium (V)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Vanadium	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Zinc (Zn)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Zinc	0.001 mg/L	Sous-traitance\Multilab Direct	August 28, 2017

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Detection limit

Lab number: V-66999

Sample name: ST-20 Pit Lake

Sampling location: Goose Pit

Sampling date: August 20, 2017

Sampling hour: 15:00

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

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Detection limit

Lab number: V-66999

Sample name: ST-20 Pit Lake

Sampling location: Goose Pit

Sampling date: August 20, 2017

Sampling hour: 15:00

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

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Quality control Report

Lab number: V-66999

Sample name: ST-20 Pit Lake

Sampling location: Goose Pit

Sampling date: August 20, 2017

Sampling hour: 15:00

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 153 Accuracy 94.5% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006 Standard name C00-046-705_X_1000 Result 1.08 Accuracy 92% Limit 0.800 - 1.200
Dissolved Aluminium (Al) mg/L	Blank <0.006 Standard name C00-046-705_X_1000 Result 1.03 Accuracy 97% Limit 0.800 - 1.200
Antimony (Sb) mg/L	Blank <0.0001 Standard name C00-046-705_X_1000 Result 0.0109 Accuracy 91% Limit 0.0080 - 0.0120
Dissolved Antimony (Sb) mg/L	Blank <0.0001 Standard name C00-046-705_X_1000 Result 0.0092 Accuracy 92% Limit 0.0080 - 0.0120
Arsenic (As) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0960 Accuracy 96% Limit 0.0700 - 0.1300
Dissolved Arsenic (As) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1079 Accuracy 92.1% Limit 0.0800 - 0.1200
Ammonia nitrogen (NH ₃ -NH ₄) m	Blank <0.01 Standard name DMR-0417-2017-NH ₃ -NH ₄ Result 2.30 Accuracy 92% Limit 1.81 - 2.45
Kjeldahl nitrogen mg N/L	Blank 0.20

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Quality control Report

Lab number: V-66999

Sample name: ST-20 Pit Lake

Sampling location: Goose Pit

Sampling date: August 20, 2017

Sampling hour: 15:00

Parameter	
	Standard name DMR-0417-2017-NTK
	Result 5.68
	Accuracy 99.8%
	Limit 4.82 - 6.52
Barium (Ba) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0948
	Accuracy 94.8%
	Limit 0.0800 - 0.1200
Dissolved Barium (Ba) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0891
	Accuracy 89.1%
	Limit 0.0800 - 0.1200
Beryllium (Be) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1189
	Accuracy 81.1%
	Limit 0.0800 - 0.1200
Dissolved Beryllium (Be) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1124
	Accuracy 87.6%
	Limit 0.0800 - 0.1200
Boron (B) mg/L	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.12
	Accuracy 88%
	Limit 0.800 - 1.200
Dissolved Boron (B) mg/L	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 0.92
	Accuracy 92%
	Limit 0.800 - 1.200
Cadmium (Cd) mg/L	Blank <0.00002
	Standard name C00-046-705_X_1000
	Result 0.10008
	Accuracy 99.9%
	Limit 0.0800 - 0.1200
Dissolved Cadmium (Cd) mg/L	Blank <0.00002

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Quality control Report

Lab number: V-66999

Sample name: ST-20 Pit Lake

Sampling location: Goose Pit

Sampling date: August 20, 2017

Sampling hour: 15:00

Parameter	
	Standard name C00-046-705_X_1000
	Result 0.10290
	Accuracy 97.1%
	Limit 0.0800 - 0.1200
Calcium (Ca) mg/L	Blank <0.03
	Standard name C00-046-705_X_1000
	Result 0.84
	Accuracy 84%
	Limit 0.800 - 1.200
Dissolved Organic Carbon (D.O.C.) mg/L	Blank <0.2
	Standard name COD 10mg/L
	Result 11
	Accuracy 90%
	Limit 8 - 12
Total Organic Carbon (T.O.C.) mg/L	Blank <0.2
	Standard name COT 10mg/L
	Result 11
	Accuracy 90%
	Limit 8 - 12
Chloride mg/L	Blank <0.5
	Standard name DMR-0417-2017-Cl
	Result 111
	Accuracy 97.2%
	Limit 95 - 121
Chrome (Cr) mg/L	Blank <0.0006
	Standard name C00-046-705_X_1000
	Result 0.1022
	Accuracy 97.8%
	Limit 0.0800 - 0.1200
Dissolved Chromium (Cr) mg/L	Blank <0.0006
	Standard name C00-046-705_X_1000
	Result 0.1055
	Accuracy 94.5%
	Limit 0.0800 - 0.1200
Copper (Cu) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1015
	Accuracy 98.5%
	Limit 0.0800 - 0.1200
Dissolved Copper (Cu) mg/L	Blank <0.0005

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Quality control Report

Lab number: V-66999

Sample name: ST-20 Pit Lake

Sampling location: Goose Pit

Sampling date: August 20, 2017

Sampling hour: 15:00

Parameter	
	Standard name C00-046-705_X_1000
	Result 0.1137
	Accuracy 86.3%
	Limit 0.0800 - 0.1200
Cyanates (CNO) mg CNO/L	Blank <0.01
	Standard name Controle Maison CNO 250 ppm
	Result 216
	Accuracy 86.4%
	Limit 175 - 325
Total Cyanide (CNT) mg/L	Blank <0.001
	Standard name DMR-0343-CN
	Result 1.23
	Accuracy 95.8%
	Limit 1.003 - 1.357
Tin (Sn) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.092
	Accuracy 92%
	Limit 0.0800 - 0.1200
dissolved Tin (Sn) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.093
	Accuracy 93%
	Limit 0.0700 - 0.1300
Iron (Fe) mg/L	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.08
	Accuracy 92%
	Limit 0.800 - 1.200
Dissolved Iron (Fe) mg/L	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.13
	Accuracy 87%
	Limit 0.800 - 1.200
Lithium (Li) mg/L	Blank <0.005
	Standard name DMR-0219-2017-Eu
	Result 1.00
	Accuracy 81.8%
	Limit 0.677 - 1.015
Dissolved Lithium (Li) mg/L	Blank <0.005

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

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Quality control Report

Lab number: V-66999

Sample name: ST-20 Pit Lake

Sampling location: Goose Pit

Sampling date: August 20, 2017

Sampling hour: 15:00

Parameter	
	Standard name DMR-0219-2017-Eu
	Result 0.892
	Accuracy 94.6%
	Limit 0.677 - 1.015
Total Suspended Solids mg/L	Blank <1
	Standard name STD-MES 25mg/L
	Result 24
	Accuracy 96%
	Limit 19 - 31
Magnesium (Mg) mg/L	Blank <0.02
	Standard name C00-046-705_X_1000
	Result 1.12
	Accuracy 88%
	Limit 0.800 - 1.200
Manganese (Mn) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1041
	Accuracy 95.9%
	Limit 0.0800 - 0.1200
Dissolved Manganese (Mn) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1034
	Accuracy 96.6%
	Limit 0.0800 - 0.1200
Mercury (Hg) mg/L	Blank <0.00001
	Standard name DMR-0343-2017-HgEu
	Result 0.00047
	Accuracy 67.1%
	Limit 0.00042 - 0.00098
Dissolved Mercury (Hg) mg/L	Blank <0.00001
	Standard name DMR-0343-2017-HgEu
	Result 0.00045
	Accuracy 64.3%
	Limit 0.00042 - 0.00098
Molybdenum (Mo) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0967
	Accuracy 96.7%
	Limit 0.0800 - 0.1200
Dissolved Molybdenum (Mo) mg/L	Blank <0.0005

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Quality control Report

Lab number: V-66999

Sample name: ST-20 Pit Lake

Sampling location: Goose Pit

Sampling date: August 20, 2017

Sampling hour: 15:00

Parameter	
	Standard name C00-046-705_X_1000
	Result 0.0996
	Accuracy 99.6%
	Limit 0.0800 - 0.1200
Ammonia NH3 (non-ionized) mg	Blank <0.01
Nickel (Ni) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1055
	Accuracy 94.5%
	Limit 0.0800 - 0.1200
Dissolved Nickel (Ni) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1104
	Accuracy 89.6%
	Limit 0.0800 - 0.1200
Nitrate (NO3) mg N/L	Blank <0.01
Nitrite (NO2) mg N/L	Blank <0.01
	Standard name DMR-0417-2017-NO2
	Result 2.73
	Accuracy 99.3%
	Limit 2.30 - 3.12
Ortho-Phosphate (O-PO4) mg P/	Blank <0.01
	Standard name DMR-0417-2017-OPO4
	Result 2.82
	Accuracy 88.4%
	Limit 2.81 - 3.57
Total Phosphorus (P) mg P/L	Blank <0.01
	Standard name DMR-0417-2017-Ptotal
	Result 1.12
	Accuracy 98.2%
	Limit 1.00 - 1.28
Lead (Pb) mg/L	Blank <0.0003
	Standard name C00-046-705_X_1000
	Result 0.0874
	Accuracy 87.4%
	Limit 0.0800 - 0.1200
Dissolved Lead (Pb) mg/L	Blank <0.0003
	Standard name C00-046-705_X_1000
	Result 0.0956
	Accuracy 95.6%

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Quality control Report

Lab number: V-66999

Sample name: ST-20 Pit Lake

Sampling location: Goose Pit

Sampling date: August 20, 2017

Sampling hour: 15:00

Parameter	
Potassium (K) mg/L	Limit 0.0800 - 0.1200
	Blank <0.05
	Standard name C00-046-705_X_1000
	Result 0.97
	Accuracy 97%
Selenium (Se) mg/L	Limit 0.800 - 1.200
	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.097
	Accuracy 97%
Dissolved Selenium (Se) mg/L	Limit 0.0800 - 0.1200
	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.111
	Accuracy 89%
Sodium (Na) mg/L	Limit 0.0800 - 0.1200
	Blank <0.05
	Standard name C00-046-705_X_1000
	Result 1.03
	Accuracy 97%
Strontium (Sr) mg/L	Limit 0.800 - 1.200
	Blank <0.005
	Standard name DMR-0219-2017-Eu
	Result 1.42
	Accuracy 84.6%
dissolved Strontium (Sr) mg/L	Limit 0.98 - 1.48
	Blank <0.005
	Standard name DMR-0219-2017-Eu
	Result 1.42
	Accuracy 84.6%
Sulfate (SO4) mg SO4/L	Limit 0.98 - 1.48
	Blank <0.6
	Standard name DMR-0417-2017-SO4
	Result 129
	Accuracy 95.1%
Thallium (Tl) mg/L	Limit 114 - 132
	Blank <0.0008
	Standard name Tl-S140909023-1000ppm
	Result 1170
	Accuracy 83%

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Quality control Report

Lab number: V-66999

Sample name: ST-20 Pit Lake

Sampling location: Goose Pit

Sampling date: August 20, 2017

Sampling hour: 15:00

Parameter	
Dissolved thallium (Tl) mg/L	Limit 800 - 1200
	Blank <0.0008
	Standard name Tl-S140909023-1000ppm
	Result 1070
	Accuracy 93%
Thiocyanate (SCN) mg SCN/L	Limit 800 - 1200
	Blank <0.05
	Standard name STD SCN 568ppm
	Result 582
	Accuracy 97.5%
Titanium (Ti) mg/L	Limit 398 - 738
	Blank <0.01
	Blank <0.01
	Blank <0.001
	Standard name C00-046-705_X_1000
Dissolved titanium (Ti) mg/L	Result 0.090
	Accuracy 90%
	Limit 0.0800 - 0.1200
	Blank <0.001
	Standard name C00-046-705_X_1000
Uranium (U) mg/L	Result 0.107
	Accuracy 93%
	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name C00-046-705_X_1000
Dissolved Uranium (U) mg/L	Result 0.1066
	Accuracy 93.4%
	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name C00-046-705_X_1000
Vanadium (V) mg/L	Result 0.0999
	Accuracy 99.9%
	Limit 0.0800 - 0.1200
	Blank <0.001
	Standard name C00-046-705_X_1000
Dissolved Vanadium mg/L	Result 0.100
	Accuracy 100%
	Limit 0.0800 - 0.1200
	Blank <0.001
	Standard name C00-046-705_X_1000
Zinc (Zn) mg/L	Result 0.100
	Accuracy 100%
	Limit 0.0800 - 0.1200
	Blank <0.001
	Standard name C00-046-705_X_1000
Dissolved Zinc mg/L	Result 0.100
	Accuracy 100%
	Limit 0.0800 - 0.1200
	Blank <0.001
	Standard name C00-046-705_X_1000

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Quality control Report

Lab number: V-66999

Sample name: ST-20 Pit Lake

Sampling date: August 20, 2017

Sampling location: Goose Pit

Sampling hour: 15:00

Parameter

Result 0.113

Accuracy 87%

Limit 0.0800 - 0.1200

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Additional information

Lab number: V-66999

Sample name: ST-20 Pit Lake

Sampling location: Goose Pit

Sampling date: August 20, 2017

Sampling hour: 15:00

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

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

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

Lab number: V-66997

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

Sampling date: August 21, 2017

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

Sampling hour: 09:30

Sampled by: Martin Theriault

Date received: August 22, 2017

Matrix: Water

Drinking water distribution: **Vault**

Reported on: September 11, 2017

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

Results relate only to the sample tested.

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

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Analytical Report

Lab number: V-66997

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

Sampling date: August 21, 2017

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

Sampling hour: 09:30

Parameter	Result	Method name	Analysis date
Alkalinity	58 mg CaCO ₃ /L	M-TIT-1.0	August 22, 2017
Aluminium (Al)	0.507 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Antimony (Sb)	0.0021 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Antimony (Sb)	0.0020 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Arsenic (As)	0.0029 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	1.70 mg N/L	Sous-traitance\Multilab Direct	August 24, 2017
Kjeldahl nitrogen	2.20 mg N/L	Sous-traitance\Multilab Direct	September 06, 2017
Barium (Ba)	0.0294 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Barium (Ba)	0.0195 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
bicarbonate (HCO ₃)	58 mg CaCO ₃ /L	M-TIT-1.0	August 22, 2017
Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Cadmium (Cd)	0.00002 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Calcium (Ca)	38.2 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Carbonate (CO ₃)	<2 mg CaCO ₃ /L	M-TIT-1.0	August 22, 2017
Dissolved Organic Carbon (D.O.C.)	5.1 mg/L	M-COT-1.0	August 22, 2017
Total Organic Carbon (T.O.C.)	5.1 mg/L	M-COT-1.0	August 22, 2017
Chloride	10.5 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Chrome (Cr)	0.0034 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Chromium (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Copper (Cu)	0.0052 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Copper (Cu)	0.0012 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Total Cyanide (CNT)	0.001 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Hardness	138 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	August 25, 2017
Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
dissolved Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Iron (Fe)	0.75 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Iron (Fe)	0.03 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Hydrocarbons (C10-C50)	0.1 mg/L	M-HYD-2.0	September 08, 2017
Lithium (Li)	0.023 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Dissolved Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Total Suspended Solids	22 mg/L	M-SOLI-1.0	August 23, 2017
Magnesium (Mg)	10.5 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Manganese (Mn)	0.0656 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Manganese (Mn)	0.0385 mg/L	Sous-traitance\Multilab Direct	August 28, 2017

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Analytical Report

Lab number: V-66997

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

Sampling date: August 21, 2017

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

Sampling hour: 09:30

Parameter	Result	Method name	Analysis date
Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Dissolved Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Molybdenum (Mo)	0.0191 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Molybdenum (Mo)	0.0176 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Ammonia NH3 (non-ionized)	0.03 mg N/L	Sous-traitance\Multilab Direct	August 24, 2017
Nickel (Ni)	0.0056 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Nickel (Ni)	0.0027 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Nitrate (NO3)	5.80 mg N/L	Sous-traitance\Multilab Direct	August 24, 2017
Nitrite (NO2)	0.07 mg N/L	Sous-traitance\Multilab Direct	August 24, 2017
Ortho-Phosphate (O-PO4)	<0.01 mg P/L	Sous-traitance\Multilab Direct	August 24, 2017
Total Phosphorus (P)	0.03 mg P/L	Sous-traitance\Multilab Direct	August 25, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Potassium (K)	5.40 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Selenium (Se)	0.002 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Reactive silica (SiO2)	1.4 mg/L	Sous-traitance\Maxxam	August 28, 2017
Sodium (Na)	6.31 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Solids	226 mg/L	M-TIT-1.0	August 22, 2017
Strontium (Sr)	0.296 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
dissolved Strontium (Sr)	0.245 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Sulfate (SO4)	62.9 mg SO4/L	Sous-traitance\Multilab Direct	August 30, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Dissolved thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Titanium (Ti)	0.06 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved titanium (Ti)	0.03 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Uranium (U)	0.005 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Uranium (U)	0.005 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Vanadium (V)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Vanadium	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Zinc (Zn)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved Zinc	<0.001 mg/L	Sous-traitance\Multilab Direct	August 28, 2017

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Detection limit

Lab number: V-66997

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

Sampling date: August 21, 2017

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

Sampling hour: 09:30

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

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Detection limit

Lab number: V-66997

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

Sampling date: August 21, 2017

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

Sampling hour: 09:30

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

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Quality control Report

Lab number: V-66997

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

Sampling date: August 21, 2017

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

Sampling hour: 09:30

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 153 Accuracy 94.5% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006 Standard name C00-046-705_X_1000 Result 1.08 Accuracy 92% Limit 0.800 - 1.200
Dissolved Aluminium (Al) mg/L	Blank <0.006 Standard name C00-046-705_X_1000 Result 1.03 Accuracy 97% Limit 0.800 - 1.200
Antimony (Sb) mg/L	Blank <0.0001 Standard name C00-046-705_X_1000 Result 0.0109 Accuracy 91% Limit 0.0080 - 0.0120
Dissolved Antimony (Sb) mg/L	Blank <0.0001 Standard name C00-046-705_X_1000 Result 0.0092 Accuracy 92% Limit 0.0080 - 0.0120
Arsenic (As) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0960 Accuracy 96% Limit 0.0700 - 0.1300
Dissolved Arsenic (As) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1079 Accuracy 92.1% Limit 0.0800 - 0.1200
Ammonia nitrogen (NH ₃ -NH ₄) m	Blank <0.01 Standard name DMR-0417-2017-NH ₃ -NH ₄ Result 2.30 Accuracy 92% Limit 1.81 - 2.45
Kjeldahl nitrogen mg N/L	Blank 0.20

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-66997

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

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

Sampling date: August 21, 2017

Sampling hour: 09:30

Parameter	
	Standard name DMR-0417-2017-NTK
	Result 5.68
	Accuracy 99.8%
	Limit 4.82 - 6.52
Barium (Ba) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0948
	Accuracy 94.8%
	Limit 0.0800 - 0.1200
Dissolved Barium (Ba) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0891
	Accuracy 89.1%
	Limit 0.0800 - 0.1200
Beryllium (Be) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1189
	Accuracy 81.1%
	Limit 0.0800 - 0.1200
Dissolved Beryllium (Be) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1124
	Accuracy 87.6%
	Limit 0.0800 - 0.1200
Boron (B) mg/L	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.12
	Accuracy 88%
	Limit 0.800 - 1.200
Dissolved Boron (B) mg/L	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 0.92
	Accuracy 92%
	Limit 0.800 - 1.200
Cadmium (Cd) mg/L	Blank <0.00002
	Standard name C00-046-705_X_1000
	Result 0.10008
	Accuracy 99.9%
	Limit 0.0800 - 0.1200
Dissolved Cadmium (Cd) mg/L	Blank <0.00002

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Quality control Report

Lab number: V-66997

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

Sampling date: August 21, 2017

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

Sampling hour: 09:30

Parameter	
	Standard name C00-046-705_X_1000
	Result 0.10290
	Accuracy 97.1%
	Limit 0.0800 - 0.1200
Calcium (Ca) mg/L	Blank <0.03
	Standard name C00-046-705_X_1000
	Result 0.84
	Accuracy 84%
	Limit 0.800 - 1.200
Dissolved Organic Carbon (D.O.C.) mg/L	Blank <0.2
	Standard name COD 10mg/L
	Result 11
	Accuracy 90%
	Limit 8 - 12
Total Organic Carbon (T.O.C.) mg/L	Blank <0.2
	Standard name COT 10mg/L
	Result 11
	Accuracy 90%
	Limit 8 - 12
Chloride mg/L	Blank <0.5
	Standard name DMR-0417-2017-Cl
	Result 111
	Accuracy 97.2%
	Limit 95 - 121
Chrome (Cr) mg/L	Blank <0.0006
	Standard name C00-046-705_X_1000
	Result 0.1022
	Accuracy 97.8%
	Limit 0.0800 - 0.1200
Dissolved Chromium (Cr) mg/L	Blank <0.0006
	Standard name C00-046-705_X_1000
	Result 0.1055
	Accuracy 94.5%
	Limit 0.0800 - 0.1200
Copper (Cu) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1015
	Accuracy 98.5%
	Limit 0.0800 - 0.1200
Dissolved Copper (Cu) mg/L	Blank <0.0005

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