



Detection limit

Lab number: V-65756

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

Sampling date: July 17, 2017

Sampling location: ST-10 2 N 65 04.11,9 W 95 59.52,7

Sampling hour: 08:00

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

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

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



Detection limit

Lab number: V-65756

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

Sampling date: July 17, 2017

Sampling location: ST-10 2 N 65 04.11,9 W 95 59.52,7

Sampling hour: 08:00

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

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

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



Quality control Report

Lab number: V-65756

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

Sampling location: ST-10 2 N 65 04.11,9 W 95 59.52,7

Sampling date: July 17, 2017

Sampling hour: 08:00

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 149 Accuracy 97.2% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006 Standard name C00-046-705_X_1000 Result 1.01 Accuracy 99% Limit 0.800 - 1.200
Dissolved Aluminium (Al) mg/L	Blank <0.006 Standard name C00-046-705_X_1000 Result 1.01 Accuracy 99% Limit 0.800 - 1.200
Antimony (Sb) mg/L	Blank <0.0001 Standard name C00-046-705_X_1000 Result 0.0100 Accuracy 100% Limit 0.0080 - 0.0120
Dissolved Antimony (Sb) mg/L	Blank <0.0001 Standard name C00-046-705_X_1000 Result 0.0100 Accuracy 100% Limit 0.0080 - 0.0120
Arsenic (As) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0800 Accuracy 80% Limit 0.0700 - 0.1300
Dissolved Arsenic (As) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0800 Accuracy 80% Limit 0.0800 - 0.1200
Ammonia nitrogen (NH ₃ -NH ₄) mg N/L	Blank <0.01
Kjeldahl nitrogen mg N/L	Blank <0.05 Standard name DMR-0343-2017-NTK Result 5.90 Accuracy 95.9% Limit 4.82 - 6.52

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

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



Quality control Report

Lab number: V-65756

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

Sampling date: July 17, 2017

Sampling location: ST-10 2 N 65 04.11,9 W 95 59.52,7

Sampling hour: 08:00

Parameter

Barium (Ba) mg/L Blank <0.0005
 Standard name C00-046-705_X_1000
 Result 0.0822
 Accuracy 82.2%
 Limit 0.0800 - 0.1200

Dissolved Barium (Ba) mg/L Blank <0.0005
 Standard name C00-046-705_X_1000
 Result 0.0822
 Accuracy 82.2%
 Limit 0.0800 - 0.1200

Beryllium (Be) mg/L Blank <0.0005
 Standard name C00-046-705_X_1000
 Result 0.0993
 Accuracy 99.3%
 Limit 0.0800 - 0.1200

Dissolved Beryllium (Be) mg/L Blank <0.0005
 Standard name C00-046-705_X_1000
 Result 0.0993
 Accuracy 99.3%
 Limit 0.0800 - 0.1200

Boron (B) mg/L Blank <0.01
 Standard name C00-046-705_X_1000
 Result 1.04
 Accuracy 96%
 Limit 0.800 - 1.200

Dissolved Boron (B) mg/L Blank <0.01
 Standard name C00-046-705_X_1000
 Result 1.04
 Accuracy 96%
 Limit 0.800 - 1.200

Cadmium (Cd) mg/L Blank <0.00002
 Standard name C00-046-705_X_1000
 Result 0.09638
 Accuracy 96.4%
 Limit 0.0800 - 0.1200

Dissolved Cadmium (Cd) mg/L Blank <0.00002
 Standard name C00-046-705_X_1000
 Result 0.09638
 Accuracy 96.4%
 Limit 0.0800 - 0.1200

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

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



Quality control Report

Lab number: V-65756

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

Sampling date: July 17, 2017

Sampling location: ST-10 2 N 65 04.11,9 W 95 59.52,7

Sampling hour: 08:00

Parameter	
Calcium (Ca) mg/L	Blank <0.03 Standard name C00-046-705_X_1000 Result 0.90 Accuracy 90% Limit 0.800 - 1.200
Dissolved Organic Carbon (D.O.C.) mg/L	Blank 0.2 Standard name COD 10mg/L Result 12 Accuracy 80% Limit 8 - 12
Total Organic Carbon (T.O.C.) mg/L	Blank 0.2 Standard name COT 10mg/L Result 12 Accuracy 80% Limit 8 - 12
Chloride mg/L	Blank <0.5 Standard name DMR-0343-2017-Cl Result 108 Accuracy 100% Limit 95 - 121
Chrome (Cr) mg/L	Blank <0.0006 Standard name C00-046-705_X_1000 Result 0.0978 Accuracy 97.8% Limit 0.0800 - 0.1200
Dissolved Chromium (Cr) mg/L	Blank <0.0006 Standard name C00-046-705_X_1000 Result 0.0978 Accuracy 97.8% Limit 0.0800 - 0.1200
Copper (Cu) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1069 Accuracy 93.1% Limit 0.0800 - 0.1200
Dissolved Copper (Cu) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1069 Accuracy 93.1% Limit 0.0800 - 0.1200

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

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



Quality control Report

Lab number: V-65756

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

Sampling date: July 17, 2017

Sampling location: ST-10 2 N 65 04.11,9 W 95 59.52,7

Sampling hour: 08:00

Parameter	
Total Cyanide (CNT) mg/L	Blank <0.001 Standard name DMR-0343-CN Result 1.18 Accuracy 100% Limit 1.003 - 1.357
Tin (Sn) mg/L	Blank <0.001 Standard name DMR-0310-2016-Sn Result 8.13 Accuracy 89.6% Limit 7.26 - 10.88
dissolved Tin (Sn) mg/L	Blank <0.001 Standard name DMR-0310-2016-Sn Result 8.32 Accuracy 91.7% Limit 6.35 - 11.79
Iron (Fe) mg/L	Blank <0.01 Standard name C00-046-705_X_1000 Result 1.09 Accuracy 91% Limit 0.800 - 1.200
Dissolved Iron (Fe) mg/L	Blank <0.01 Standard name C00-046-705_X_1000 Result 1.09 Accuracy 91% Limit 0.800 - 1.200
Lithium (Li) mg/L	Blank <0.005 Standard name DMR-0219-2017-Eu Result 0.712 Accuracy 84.2% Limit 0.677 - 1.015
Dissolved Lithium (Li) mg/L	Blank <0.005 Standard name DMR-0219-2017-Eu Result 0.755 Accuracy 89.2% Limit 0.677 - 1.015
Total Suspended Solids mg/L	Blank <1 Standard name DMR-0368-2017-2 Result 135 Accuracy 98.5% Limit 103 - 163

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

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



Quality control Report

Lab number: V-65756

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

Sampling date: July 17, 2017

Sampling location: ST-10 2 N 65 04.11,9 W 95 59.52,7

Sampling hour: 08:00

Parameter	
Magnesium (Mg) mg/L	Blank <0.02 Standard name C00-046-705_X_1000 Result 1.10 Accuracy 90% Limit 0.800 - 1.200
Manganese (Mn) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1004 Accuracy 99.6% Limit 0.0800 - 0.1200
Dissolved Manganese (Mn) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1004 Accuracy 99.6% Limit 0.0800 - 0.1200
Mercury (Hg) mg/L	Blank <0.00001 Standard name DMR-0219-2017-HgEu Result 0.00049 Accuracy 70% Limit 0.00042 - 0.00098
Dissolved Mercury (Hg) mg/L	Blank <0.00001 Standard name DMR-0266-2017-HgEu Result 0.00054 Accuracy 77.1% Limit 0.00042 - 0.00098
Molybdenum (Mo) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0912 Accuracy 91.2% Limit 0.0800 - 0.1200
Dissolved Molybdenum (Mo) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0912 Accuracy 91.2% Limit 0.0800 - 0.1200
Ammonia NH3 (non-ionized) mg N/L	Blank <0.01
Nickel (Ni) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1006 Accuracy 99.4%

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

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



Quality control Report

Lab number: V-65756

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

Sampling date: July 17, 2017

Sampling location: ST-10 2 N 65 04.11,9 W 95 59.52,7

Sampling hour: 08:00

Parameter	
Dissolved Nickel (Ni) mg/L	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1006
	Accuracy 99.4%
Nitrate (NO3) mg N/L Nitrite (NO2) mg N/L	Limit 0.0800 - 0.1200
	Blank <0.01
	Blank <0.01
	Standard name DMR-0343-2017-NO2
	Result 2.61
Ortho-Phosphate (O-PO4) mg P/L	Accuracy 96.3%
	Limit 2.30 - 3.12
	Blank <0.01
	Standard name DMR-0343-2017-OPO4
	Result 3.21
Total Phosphorus (P) mg P/L	Accuracy 99.4%
	Limit 2.81 - 3.57
	Blank <0.01
	Standard name DMR-0343-2017-Ptotal
	Result 1.11
Lead (Pb) mg/L	Accuracy 97.4%
	Limit 1.00 - 1.28
	Blank <0.0003
	Standard name C00-046-705_X_1000
	Result 0.0921
Dissolved Lead (Pb) mg/L	Accuracy 92.1%
	Limit 0.0800 - 0.1200
	Blank <0.0003
	Standard name C00-046-705_X_1000
	Result 0.0921
Potassium (K) mg/L	Accuracy 92.1%
	Limit 0.0800 - 0.1200
	Blank <0.05
	Standard name C00-046-705_X_1000
	Result 0.93
Selenium (Se) mg/L	Accuracy 93%
	Limit 0.800 - 1.200
	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.098

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

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



Quality control Report

Lab number: V-65756

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

Sampling date: July 17, 2017

Sampling location: ST-10 2 N 65 04.11,9 W 95 59.52,7

Sampling hour: 08:00

Parameter	
Dissolved Selenium (Se) mg/L	Accuracy 98%
	Limit 0.0800 - 0.1200
	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.098
Sodium (Na) mg/L	Accuracy 98%
	Limit 0.0800 - 0.1200
	Blank <0.05
	Standard name C00-046-705_X_1000
	Result 1.05
Strontium (Sr) mg/L	Accuracy 95%
	Limit 0.800 - 1.200
	Blank <0.005
	Standard name DMR-0219-2017-Eu
	Result 1.36
dissolved Strontium (Sr) mg/L	Accuracy 89.4%
	Limit 0.98 - 1.48
	Blank <0.005
	Standard name DMR-0219-2017-Eu
	Result 1.45
Sulfate (SO4) mg SO4/L	Accuracy 82.1%
	Limit 0.98 - 1.48
	Blank <0.6
	Standard name DMR-0343-2017-SO4
	Result 123
Thallium (Tl) mg/L	Accuracy 100%
	Limit 114 - 132
	Blank <0.0008
	Standard name TI-S140909023-1000ppm
	Result 955
Dissolved thallium (Tl) mg/L	Accuracy 95.5%
	Limit 800 - 1200
	Blank <0.0008
	Standard name TI-S140909023-1000ppm
	Result 960
Titanium (Ti) mg/L	Accuracy 96%
	Limit 800 - 1200
	Blank <0.01
	Dissolved titanium (Ti) mg/L
	Blank <0.01
Uranium (U) mg/L	Blank <0.001

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

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



Quality control Report

Lab number: V-65756

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

Sampling location: ST-10 2 N 65 04.11,9 W 95 59.52,7

Sampling date: July 17, 2017

Sampling hour: 08:00

Parameter

Standard name C00-046-705_X_1000

Result 0.101

Accuracy 99%

Limit 0.0800 - 0.1200

Dissolved Uranium (U) mg/L

Blank <0.001

Standard name C00-046-705_X_1000

Result 0.101

Accuracy 99%

Limit 0.0800 - 0.1200

Vanadium (V) mg/L

Blank <0.0005

Standard name C00-046-705_X_1000

Result 0.0983

Accuracy 98.3%

Limit 0.0800 - 0.1200

Dissolved Vanadium mg/L

Blank <0.0005

Standard name C00-046-705_X_1000

Result 0.0983

Accuracy 98.3%

Limit 0.0800 - 0.1200

Zinc (Zn) mg/L

Blank <0.001

Standard name C00-046-705_X_1000

Result 0.099

Accuracy 99%

Limit 0.0800 - 0.1200

Dissolved Zinc mg/L

Blank <0.001

Standard name C00-046-705_X_1000

Result 0.099

Accuracy 99%

Limit 0.0800 - 0.1200

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

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



Additional information

Lab number: V-65756

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

Sampling location: ST-10 2 N 65 04.11,9 W 95 59.52,7

Sampling date: July 17, 2017

Sampling hour: 08:00

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

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

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



Analytical Report

Company: **Agnico Eagle Division Meadowbank**

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

Lab number: V-65757

Sampling location: ST-10

Sampling date: July 17, 2017

Sample name: ST-10/ST-MMER-2 N 65 04.11,9W 95 59.52,7

Sampling hour: 08:00

Sampled by: Patrick A

Date received: July 18, 2017

Matrix: Water

Drinking water distribution: **Vault**

Reported on: July 31, 2017

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

Results relate only to the sample tested.

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

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



Analytical Report

Lab number: V-65757

Sample name: ST-10/ST-MMER-2 N 65 04.11,9W 95 59.52,7

Sampling location: ST-10

Sampling date: July 17, 2017

Sampling hour: 08:00

Parameter	Result	Method name	Analysis date
Alkalinity	53 mg CaCO ₃ /L	M-TIT-1.0	July 18, 2017
Aluminium (Al)	0.098 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Dissolved Aluminium (Al)	0.017 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Antimony (Sb)	0.0011 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Dissolved Antimony (Sb)	0.001 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Dissolved Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	0.83 mg N/L	Sous-traitance\Multilab Direct	July 21, 2017
Kjeldahl nitrogen	2.66 mg N/L	Sous-traitance\Multilab Direct	July 24, 2017
Barium (Ba)	0.0186 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Dissolved Barium (Ba)	0.0118 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Dissolved Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
bicarbonate (HCO ₃)	53 mg CaCO ₃ /L	M-TIT-1.0	July 18, 2017
Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Dissolved Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Cadmium (Cd)	0.00003 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Dissolved Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Calcium (Ca)	20.8 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Carbonate (CO ₃)	<2 mg CaCO ₃ /L	M-TIT-1.0	July 18, 2017
Dissolved Organic Carbon (D.O.C.)	5.3 mg/L	M-COT-1.0	July 18, 2017
Total Organic Carbon (T.O.C.)	5.8 mg/L	M-COT-1.0	July 18, 2017
Chloride	5.6 mg/L	Sous-traitance\Multilab Direct	July 21, 2017
Chrome (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Dissolved Chromium (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Copper (Cu)	0.0031 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Dissolved Copper (Cu)	0.0010 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Total Cyanide (CNT)	0.002 mg/L	Sous-traitance\Multilab Direct	July 26, 2017
Hardness	73 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	July 23, 2017
Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
dissolved Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Iron (Fe)	0.17 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Dissolved Iron (Fe)	0.02 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Hydrocarbons (C10-C50)	<0.3 mg/L	Sous-traitance\Environex	July 19, 2017
Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	July 26, 2017
Dissolved Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	July 26, 2017
Total Suspended Solids	4 mg/L	M-SOLI-1.0	July 19, 2017
Magnesium (Mg)	5.15 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Manganese (Mn)	0.0493 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Dissolved Manganese (Mn)	0.0327 mg/L	Sous-traitance\Multilab Direct	July 23, 2017

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-65757

Sample name: ST-10/ST-MMER-2 N 65 04.11,9W 95 59.52,7

Sampling location: ST-10

Sampling date: July 17, 2017

Sampling hour: 08:00

Parameter	Result	Method name	Analysis date
Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	July 24, 2017
Dissolved Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	July 24, 2017
Molybdenum (Mo)	0.0094 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Dissolved Molybdenum (Mo)	0.008 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Ammonia NH3 (non-ionized)	0.01 mg N/L	Sous-traitance\Multilab Direct	July 21, 2017
Nickel (Ni)	0.0048 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Dissolved Nickel (Ni)	0.0036 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Nitrate (NO3)	2.55 mg N/L	Sous-traitance\Multilab Direct	July 20, 2017
Nitrite (NO2)	0.04 mg N/L	Sous-traitance\Multilab Direct	July 20, 2017
Ortho-Phosphate (O-PO4)	<0.01 mg P/L	Sous-traitance\Multilab Direct	July 20, 2017
Total Phosphorus (P)	0.02 mg P/L	Sous-traitance\Multilab Direct	July 21, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Dissolved Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Potassium (K)	2.84 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Dissolved Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Reactive silica (SiO2)	1.1 mg/L	Sous-traitance\Maxxam	July 24, 2017
Sodium (Na)	2.63 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Dissolved Solids	129 mg/L	M-TIT-1.0	July 18, 2017
Strontium (Sr)	0.132 mg/L	Sous-traitance\Multilab Direct	July 26, 2017
dissolved Strontium (Sr)	0.107 mg/L	Sous-traitance\Multilab Direct	July 26, 2017
Sulfate (SO4)	40.1 mg SO4/L	Sous-traitance\Multilab Direct	July 21, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	July 26, 2017
Dissolved thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	July 26, 2017
Titanium (Ti)	0.01 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Dissolved titanium (Ti)	0.01 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Uranium (U)	0.002 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Dissolved Uranium (U)	0.002 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Vanadium (V)	0.0030 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Dissolved Vanadium	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Zinc (Zn)	0.006 mg/L	Sous-traitance\Multilab Direct	July 23, 2017
Dissolved Zinc	<0.001 mg/L	Sous-traitance\Multilab Direct	July 23, 2017

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-65757

Sample name: ST-10/ST-MMER-2 N 65 04.11,9W 95 59.52,7

Sampling date: July 17, 2017

Sampling location: ST-10

Sampling hour: 08:00

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO ₃ /L	M-TIT-1.0	
Aluminium (Al)	0.006	mg/L	Sous-traitance	
Dissolved Aluminium (Al)	0.006	mg/L	Sous-traitance	
Antimony (Sb)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Antimony (Sb)	0.0001	mg/L	Sous-traitance	
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Arsenic (As)	0.0005	mg/L	Sous-traitance	
Ammonia nitrogen (NH ₃ -NH ₄)	0.01	mg N/L	Sous-traitance	Yes
Kjeldahl nitrogen	0.07	mg N/L	Sous-traitance	Yes
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Barium (Ba)	0.0005	mg/L	Sous-traitance	
Beryllium (Be)	0.0005	mg/L	Sous-traitance	
Dissolved Beryllium (Be)	0.0005	mg/L	Sous-traitance	
bicarbonate (HCO ₃)	2	mg CaCO ₃ /L	M-TIT-1.0	
Boron (B)	0.01	mg/L	Sous-traitance	Yes
Dissolved Boron (B)	0.01	mg/L	Sous-traitance	
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Dissolved Cadmium (Cd)	0.00002	mg/L	Sous-traitance	
Calcium (Ca)	0.03	mg/L	Sous-traitance	Yes
Carbonate (CO ₃)	2	mg CaCO ₃ /L	M-TIT-1.0	
Dissolved Organic Carbon (D.O.C.)	0.2	mg/L	M-COT-1.0	--
Total Organic Carbon (T.O.C.)	0.2	mg/L	M-COT-1.0	Yes
Chloride	0.5	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Dissolved Chromium (Cr)	0.0006	mg/L	Sous-traitance	
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Copper (Cu)	0.0005	mg/L	Sous-traitance	
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO ₃ /L	Sous-traitance	
Tin (Sn)	0.001	mg/L	Sous-traitance	Yes
dissolved Tin (Sn)	0.001	mg/L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes
Dissolved Iron (Fe)	0.01	mg/L	Sous-traitance	
Hydrocarbons (C10-C50)		mg/L	Sous-traitance	
Lithium (Li)	0.005	mg/L	Sous-traitance	
Dissolved Lithium (Li)	0.005	mg/L	Sous-traitance	
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Magnesium (Mg)	0.02	mg/L	Sous-traitance	Yes
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Manganese (Mn)	0.0005	mg/L	Sous-traitance	

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-65757

Sample name: ST-10/ST-MMER-2 N 65 04.11,9W 95 59.52,7

Sampling date: July 17, 2017

Sampling location: ST-10

Sampling hour: 08:00

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

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-65757

Sample name: ST-10/ST-MMER-2 N 65 04.11,9W 95 59.52,7

Sampling location: ST-10

Sampling date: July 17, 2017

Sampling hour: 08:00

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 149 Accuracy 97.2% Limit 123 - 167 Sample duplicate 53-53
Aluminium (Al) mg/L	Blank <0.006 Standard name C00-046-705_X_1000 Result 1.01 Accuracy 99% Limit 0.800 - 1.200
Dissolved Aluminium (Al) mg/L	Blank <0.006 Standard name C00-046-705_X_1000 Result 1.01 Accuracy 99% Limit 0.800 - 1.200
Antimony (Sb) mg/L	Blank <0.0001 Standard name C00-046-705_X_1000 Result 0.0100 Accuracy 100% Limit 0.0080 - 0.0120
Dissolved Antimony (Sb) mg/L	Blank <0.0001 Standard name C00-046-705_X_1000 Result 0.0100 Accuracy 100% Limit 0.0080 - 0.0120
Arsenic (As) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0800 Accuracy 80% Limit 0.0700 - 0.1300
Dissolved Arsenic (As) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0800 Accuracy 80% Limit 0.0800 - 0.1200
Ammonia nitrogen (NH ₃ -NH ₄) mg N/L	Blank <0.01
Kjeldahl nitrogen mg N/L	Blank <0.05 Standard name DMR-0343-2017-NTK Result 5.90 Accuracy 95.9%

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-65757

Sample name: ST-10/ST-MMER-2 N 65 04.11,9W 95 59.52,7

Sampling location: ST-10

Sampling date: July 17, 2017

Sampling hour: 08:00

Parameter	
Barium (Ba) mg/L	Limit 4.82 - 6.52
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0822
	Accuracy 82.2%
Dissolved Barium (Ba) mg/L	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0822
	Accuracy 82.2%
Beryllium (Be) mg/L	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0993
	Accuracy 99.3%
Dissolved Beryllium (Be) mg/L	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0993
	Accuracy 99.3%
bicarbonate (HCO ₃) mg CaCO ₃ /L Boron (B) mg/L	Limit 0.0800 - 0.1200
	Sample duplicate 53-53
	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.04
Dissolved Boron (B) mg/L	Accuracy 96%
	Limit 0.800 - 1.200
	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.04
Cadmium (Cd) mg/L	Accuracy 96%
	Limit 0.800 - 1.200
	Blank <0.00002
	Standard name C00-046-705_X_1000
	Result 0.09638
Dissolved Cadmium (Cd) mg/L	Accuracy 96.4%
	Limit 0.0800 - 0.1200
	Blank <0.00002
	Standard name C00-046-705_X_1000
	Result 0.09638

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-65757

Sample name: ST-10/ST-MMER-2 N 65 04.11,9W 95 59.52,7

Sampling date: July 17, 2017

Sampling location: ST-10

Sampling hour: 08:00

Parameter	
Calcium (Ca) mg/L	Accuracy 96.4%
	Limit 0.0800 - 0.1200
	Blank <0.03
	Standard name C00-046-705_X_1000
	Result 0.90
Carbonate (CO ₃) mg CaCO ₃ /L	Accuracy 90%
	Limit 0.800 - 1.200
	Sample duplicate <2-<2
	Blank 0.2
	Standard name COD 10mg/L
Dissolved Organic Carbon (D.O.C.) mg/L	Result 12
	Accuracy 80%
	Limit 8 - 12
	Blank 0.2
	Standard name COT 10mg/L
Total Organic Carbon (T.O.C.) mg/L	Result 12
	Accuracy 80%
	Limit 8 - 12
	Blank <0.5
	Standard name DMR-0343-2017-CI
Chloride mg/L	Result 108
	Accuracy 100%
	Limit 95 - 121
	Blank <0.0006
	Standard name C00-046-705_X_1000
Chrome (Cr) mg/L	Result 0.0978
	Accuracy 97.8%
	Limit 0.0800 - 0.1200
	Blank <0.0006
	Standard name C00-046-705_X_1000
Dissolved Chromium (Cr) mg/L	Result 0.0978
	Accuracy 97.8%
	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name C00-046-705_X_1000
Copper (Cu) mg/L	Result 0.1069
	Accuracy 93.1%
	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name C00-046-705_X_1000
Dissolved Copper (Cu) mg/L	Result 0.1069
	Accuracy 93.1%
	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name C00-046-705_X_1000

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-65757

Sample name: ST-10/ST-MMER-2 N 65 04.11,9W 95 59.52,7

Sampling location: ST-10

Sampling date: July 17, 2017

Sampling hour: 08:00

Parameter	
Total Cyanide (CNT) mg/L	Result 0.1069
	Accuracy 93.1%
	Limit 0.0800 - 0.1200
	Blank <0.001
	Standard name DMR-0343-CN
Tin (Sn) mg/L	Result 1.18
	Accuracy 100%
	Limit 1.003 - 1.357
	Blank <0.001
	Standard name DMR-0310-2016-Sn
dissolved Tin (Sn) mg/L	Result 8.13
	Accuracy 89.6%
	Limit 7.26 - 10.88
	Blank <0.001
	Standard name DMR-0310-2016-Sn
Iron (Fe) mg/L	Result 8.32
	Accuracy 91.7%
	Limit 6.35 - 11.79
	Blank <0.01
	Standard name C00-046-705_X_1000
Dissolved Iron (Fe) mg/L	Result 1.09
	Accuracy 91%
	Limit 0.800 - 1.200
	Blank <0.01
	Standard name C00-046-705_X_1000
Lithium (Li) mg/L	Result 1.09
	Accuracy 91%
	Limit 0.800 - 1.200
	Blank <0.005
	Standard name DMR-0219-2017-Eu
Dissolved Lithium (Li) mg/L	Result 0.712
	Accuracy 84.2%
	Limit 0.677 - 1.015
	Blank <0.005
	Standard name DMR-0219-2017-Eu
Total Suspended Solids mg/L	Result 0.755
	Accuracy 89.2%
	Limit 0.677 - 1.015
	Blank <1
	Standard name DMR-0368-2017-2

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-65757

Sample name: ST-10/ST-MMER-2 N 65 04.11,9W 95 59.52,7

Sampling location: ST-10

Sampling date: July 17, 2017

Sampling hour: 08:00

Parameter	
Magnesium (Mg) mg/L	Result 135
	Accuracy 98.5%
	Limit 103 - 163
	Blank <0.02
	Standard name C00-046-705_X_1000
Manganese (Mn) mg/L	Result 1.10
	Accuracy 90%
	Limit 0.800 - 1.200
	Blank <0.0005
	Standard name C00-046-705_X_1000
Dissolved Manganese (Mn) mg/L	Result 0.1004
	Accuracy 99.6%
	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name C00-046-705_X_1000
Mercury (Hg) mg/L	Result 0.1004
	Accuracy 99.6%
	Limit 0.0800 - 0.1200
	Blank <0.00001
	Standard name DMR-0219-2017-HgEu
Dissolved Mercury (Hg) mg/L	Result 0.00049
	Accuracy 70%
	Limit 0.00042 - 0.00098
	Blank <0.00001
	Standard name DMR-0266-2017-HgEu
Molybdenum (Mo) mg/L	Result 0.00054
	Accuracy 77.1%
	Limit 0.00042 - 0.00098
	Blank <0.0005
	Standard name C00-046-705_X_1000
Dissolved Molybdenum (Mo) mg/L	Result 0.0912
	Accuracy 91.2%
	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name C00-046-705_X_1000
Ammonia NH ₃ (non-ionized) mg N/L	Result 0.0912
	Accuracy 91.2%
	Limit 0.0800 - 0.1200
	Blank <0.01
	Nickel (Ni) mg/L
Blank <0.0005	

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

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



Quality control Report

Lab number: V-65757

Sample name: ST-10/ST-MMER-2 N 65 04.11,9W 95 59.52,7

Sampling location: ST-10

Sampling date: July 17, 2017

Sampling hour: 08:00

Parameter	
	Standard name C00-046-705_X_1000
	Result 0.1006
	Accuracy 99.4%
	Limit 0.0800 - 0.1200
Dissolved Nickel (Ni) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1006
	Accuracy 99.4%
	Limit 0.0800 - 0.1200
Nitrate (NO3) mg N/L	Blank <0.01
Nitrite (NO2) mg N/L	Blank <0.01
	Standard name DMR-0343-2017-NO2
	Result 2.61
	Accuracy 96.3%
	Limit 2.30 - 3.12
Ortho-Phosphate (O-PO4) mg P/L	Blank <0.01
	Standard name DMR-0343-2017-OPO4
	Result 3.21
	Accuracy 99.4%
	Limit 2.81 - 3.57
Total Phosphorus (P) mg P/L	Blank <0.01
	Standard name DMR-0343-2017-Ptotal
	Result 1.11
	Accuracy 97.4%
	Limit 1.00 - 1.28
Lead (Pb) mg/L	Blank <0.0003
	Standard name C00-046-705_X_1000
	Result 0.0921
	Accuracy 92.1%
	Limit 0.0800 - 0.1200
Dissolved Lead (Pb) mg/L	Blank <0.0003
	Standard name C00-046-705_X_1000
	Result 0.0921
	Accuracy 92.1%
	Limit 0.0800 - 0.1200
Potassium (K) mg/L	Blank <0.05
	Standard name C00-046-705_X_1000
	Result 0.93
	Accuracy 93%
	Limit 0.800 - 1.200

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-65757

Sample name: ST-10/ST-MMER-2 N 65 04.11,9W 95 59.52,7

Sampling location: ST-10

Sampling date: July 17, 2017

Sampling hour: 08:00

Parameter	
Selenium (Se) mg/L	Blank <0.001 Standard name C00-046-705_X_1000 Result 0.098 Accuracy 98% Limit 0.0800 - 0.1200
Dissolved Selenium (Se) mg/L	Blank <0.001 Standard name C00-046-705_X_1000 Result 0.098 Accuracy 98% Limit 0.0800 - 0.1200
Sodium (Na) mg/L	Blank <0.05 Standard name C00-046-705_X_1000 Result 1.05 Accuracy 95% Limit 0.800 - 1.200
Dissolved Solids mg/L	Sample duplicate 129-130
Strontium (Sr) mg/L	Blank <0.005 Standard name DMR-0219-2017-Eu Result 1.36 Accuracy 89.4% Limit 0.98 - 1.48
dissolved Strontium (Sr) mg/L	Blank <0.005 Standard name DMR-0219-2017-Eu Result 1.45 Accuracy 82.1% Limit 0.98 - 1.48
Sulfate (SO4) mg SO4/L	Blank <0.6 Standard name DMR-0343-2017-SO4 Result 123 Accuracy 100% Limit 114 - 132
Thallium (Tl) mg/L	Blank <0.0008 Standard name Tl-S140909023-1000ppm Result 955 Accuracy 95.5% Limit 800 - 1200
Dissolved thallium (Tl) mg/L	Blank <0.0008 Standard name Tl-S140909023-1000ppm Result 960 Accuracy 96%

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-65757

Sample name: ST-10/ST-MMER-2 N 65 04.11,9W 95 59.52,7

Sampling location: ST-10

Sampling date: July 17, 2017

Sampling hour: 08:00

Parameter	
Titanium (Ti) mg/L	Limit 800 - 1200
	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 0.101
Dissolved titanium (Ti) mg/L	Accuracy 99%
	Limit 0.0800 - 0.1200
	Blank <0.001
	Standard name C00-046-705_X_1000
Uranium (U) mg/L	Result 0.101
	Accuracy 99%
	Limit 0.0800 - 0.1200
	Blank <0.001
Dissolved Uranium (U) mg/L	Standard name C00-046-705_X_1000
	Result 0.101
	Accuracy 99%
	Limit 0.0800 - 0.1200
Vanadium (V) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0983
	Accuracy 98.3%
Dissolved Vanadium mg/L	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0983
Zinc (Zn) mg/L	Accuracy 98.3%
	Limit 0.0800 - 0.1200
	Blank <0.001
	Standard name C00-046-705_X_1000
Dissolved Zinc mg/L	Result 0.099
	Accuracy 99%
	Limit 0.0800 - 0.1200
	Blank <0.001
Dissolved Zinc mg/L	Standard name C00-046-705_X_1000
	Result 0.099
	Accuracy 99%
	Limit 0.0800 - 0.1200

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

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



Additional information

Lab number: V-65757

Sample name: ST-10/ST-MMER-2 N 65 04.11,9W 95 59.52,7

Sampling location: ST-10

Sampling date: July 17, 2017

Sampling hour: 08:00

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

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

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

Client : 6088 H2LAB

Job Number: B746069

Client Project Name & Number: -

Test Result:

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

Toxic Units: <1.0

Comment: non-toxique

Sample Name : 66286 (ST-10/ST-MMER-2)

Description: transparent, peu de solides

Sample Matrix : WATER

Sample Collected: Aug 01, 2017 09:30 AM

Sampling Method : Grab

Sample Number: EJ2124-01

Sample Collected By: TOM T

Volume Received: 40 L

Site Collection: ST-10 65.01.11.2..N

Sample Received: Aug 03, 2017 11:30 AM

pH: 7.0

Temp.Upon Arrival: 20 °C **Storage:** 2-6°C

Analysis Start : Aug 06, 2017 08:45 AM

Temperature : 15 °C

Dissolved Oxygen: 9.3 mg/L

Sample Conductance: 220 µS/cm

Concentration	Temperature (°C)	pH (pH)	Conductivity (uS/cm)	Dissolved oxygen (mg/L)	Temperature (°C)	pH (pH)	Dissolved oxygen (mg/L)	Atypical Behaviour (#)	Atypical Behaviour (%)	Mortality (#)	Mortality (%)
%v/v	Initial	Initial	Initial	Initial	96 hrs	96 hr	96 hrs	24 hrs	24 hrs	24 hrs	24 hrs
0	16	7.3	238	9.6	15	7.5	9.7	0	0	0	0
6.25	16	7.3	236	9.6	16	7.5	9.6	0	0	0	0
12.5	16	7.3	236	9.6	16	7.5	9.5	0	0	0	0
25	16	7.3	234	9.6	15	7.4	9.7	0	0	0	0
50	16	7.3	229	9.6	15	7.4	9.6	0	0	0	0
100	15	7.2	220	9.5	15	7.4	9.7	0	0	0	0

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

Comments : Aucune anomalie observée durant l'essai.

Culture/Control/Dilution Water

Dechlorinated municipal tap water

Hardness:

65 mg/l CaCO₃

Other parameters available on request.

Test Conditions

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

Organisms per Vessel : 10

Test Temperature : 15 ± 1 °C

Solution Depth : 20 cm

Total # of Organisms Used : 60

Pre-aeration Time : 30 min.

Rate of Aeration 6.5±1 mL/min/L

Test Volume : 16 L

Vessel Volume : 20L

Test pH Adjusted: No

Loading Density : 0.4 g/L

Photoperiod : 16 hours of light; 8 hours of darkness

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

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

Client : 6088 H2LAB
Client Project Name & Number: -

Job Number: B746069
Sample Number: EJ2124-01

Test Organism : Rainbow Trout (*Oncorhynchus mykiss*) **Source :** Piscicultures Les Arpents Verts
Culture Temperature : 15 ± 2 °C **Weight (Mean) +- SD :** 0.6 ± 0.1 g **Length (Mean) +- SD :** 3.98 ± 0.26 cm
Culture Water Renewal : 2 liters/min **Weight (Range) :** 0.4 ± 0.9 g **Length (Range) :** 3.70 – 4.50 cm
Culture Photoperiod : 16 hours of light; 8 hours of darkness **% Mortality within 7 days :** 0%
Feeding rate and frequency : 1-2x a day; 1-5% of the body weights. **Acclimation Time:** >14 days

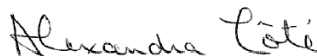
Reference chemical: Phenol **Test Date:** Aug 03, 2017
Test Endpoint 96 hrs LC50 (95% confidence interval) : 10.8 (9.48, 12.3)mg/L **Statistical Method :** Probit
Historical Mean LC50 (warning limits) : 10.6 (8.23, 13.5) mg/L **Concentration :** 0,4,6,9,13,18 mg/L

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

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

Method Deviations : Aucune

Analyst : Keven Dumas



Verified By : Alexandra Côté, B.Sc. Biologist

Date: Aug 17, 2017 08:10 AM



Analytical Report

Company: **Agnico Eagle Division Meadowbank**

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

Lab number: V-65803

Sampling location: ST-S-2

Sampling date: July 18, 2017

Sample name: ST-S-2

Sampling hour: 08:00

Sampled by: Patrick A

Date received: July 19, 2017

Matrix: Water

Drinking water distribution:

Reported on: August 01, 2017

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

Results relate only to the sample tested.

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

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



Analytical Report

Lab number: V-65803

Sample name: ST-S-2

Sampling location: ST-S-2

Sampling date: July 18, 2017

Sampling hour: 08:00

Parameter	Result	Method name	Analysis date
Alkalinity	57 mg CaCO ₃ /L	M-TIT-1.0	July 19, 2017
Aluminium (Al)	0.211 mg/L	Sous-traitance\Multilab Direct	July 27, 2017
Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	July 27, 2017
Arsenic (As)	0.0402 mg/L	Sous-traitance\Multilab Direct	July 27, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	0.05 mg N/L	Sous-traitance\Multilab Direct	July 21, 2017
Barium (Ba)	0.0143 mg/L	Sous-traitance\Multilab Direct	July 27, 2017
Cadmium (Cd)	0.00004 mg/L	Sous-traitance\Multilab Direct	July 27, 2017
Chloride	5.1 mg/L	Sous-traitance\Multilab Direct	July 21, 2017
Chrome (Cr)	0.0013 mg/L	Sous-traitance\Multilab Direct	July 27, 2017
Copper (Cu)	0.0028 mg/L	Sous-traitance\Multilab Direct	July 27, 2017
Cyanide W.A.D.	0.021 mg/L	Sous-traitance\Multilab Direct	July 26, 2017
Total Cyanide (CNT)	0.011 mg/L	Sous-traitance\Multilab Direct	July 26, 2017
Hardness	190 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	July 27, 2017
Iron (Fe)	0.56 mg/L	Sous-traitance\Multilab Direct	July 27, 2017
Fluoride (F)	0.30 mg/L	Sous-traitance\Multilab Direct	July 20, 2017
Total Suspended Solids	16 mg/L	M-SOLI-1.0	July 20, 2017
Manganese (Mn)	0.1177 mg/L	Sous-traitance\Multilab Direct	July 27, 2017
Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	July 21, 2017
Molybdenum (Mo)	0.0135 mg/L	Sous-traitance\Multilab Direct	July 27, 2017
Ammonia NH ₃ (non-ionized)	<0.01 mg N/L	Sous-traitance\Multilab Direct	July 21, 2017
Nickel (Ni)	0.0262 mg/L	Sous-traitance\Multilab Direct	July 27, 2017
Nitrate (NO ₃)	15.0 mg N/L	Sous-traitance\Multilab Direct	July 20, 2017
Nitrite (NO ₂)	0.04 mg N/L	Sous-traitance\Multilab Direct	July 20, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	July 27, 2017
Selenium (Se)	0.001 mg/L	Sous-traitance\Multilab Direct	July 27, 2017
Dissolved Solids	341 mg/L	M-TIT-1.0	July 19, 2017
Sulfate (SO ₄)	118 mg SO ₄ /L	Sous-traitance\Multilab Direct	July 21, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	July 26, 2017
Zinc (Zn)	0.002 mg/L	Sous-traitance\Multilab Direct	July 27, 2017

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

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



Detection limit

Lab number: V-65803

Sample name: ST-S-2

Sampling location: ST-S-2

Sampling date: July 18, 2017

Sampling hour: 08:00

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

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-65803

Sample name: ST-S-2

Sampling location: ST-S-2

Sampling date: July 18, 2017

Sampling hour: 08:00

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 149 Accuracy 97.2% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006 Standard name C00-046-705_X_1000 Result 0.993 Accuracy 99.3% Limit 0.800 - 1.200
Silver (Ag) mg/L	Blank <0.0001 Standard name DMR-0343-2017-Ag Result 0.6700 Accuracy 83.5% Limit 0.642 - 0.962
Arsenic (As) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0945 Accuracy 94.5% Limit 0.0700 - 0.1300
Ammonia nitrogen (NH ₃ -NH ₄) m	Blank <0.01
Barium (Ba) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0857 Accuracy 85.7% Limit 0.0800 - 0.1200
Cadmium (Cd) mg/L	Blank <0.00002 Standard name C00-046-705_X_1000 Result 0.08470 Accuracy 84.7% Limit 0.0800 - 0.1200
Chloride mg/L	Blank <0.5 Standard name DMR-0343-2017-Cl Result 108 Accuracy 100% Limit 95 - 121
Chrome (Cr) mg/L	Blank <0.0006 Standard name C00-046-705_X_1000 Result 0.0875 Accuracy 87.5% Limit 0.0800 - 0.1200

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

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



Quality control Report

Lab number: V-65803

Sample name: ST-S-2

Sampling location: ST-S-2

Sampling date: July 18, 2017

Sampling hour: 08:00

Parameter	
Copper (Cu) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0890
	Accuracy 89%
	Limit 0.0800 - 0.1200
Cyanide W.A.D. mg/L	Blank <0.001
	Standard name DMR-0343-CN
	Result 0.887
	Accuracy 99.5%
	Limit 0.751 - 1.015
Total Cyanide (CNt) mg/L	Blank <0.001
	Standard name DMR-0343-CN
	Result 1.18
	Accuracy 100%
	Limit 1.003 - 1.357
Iron (Fe) mg/L	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.08
	Accuracy 92%
	Limit 0.800 - 1.200
Fluoride (F) mg/L	Blank <0.02
	Standard name DMR-0343-2017-F
	Result 2.50
	Accuracy 91.3%
	Limit 2.1 - 2.5
Total Suspended Solids mg/L	Sample duplicate 0.30-0.29
	Blank <1
	Standard name STD-MES 25mg/L
	Result 23
	Accuracy 92%
Manganese (Mn) mg/L	Limit 19 - 31
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0860
	Accuracy 86%
Mercury (Hg) mg/L	Limit 0.0800 - 0.1200
	Blank <0.00001
	Standard name DMR-0266-2017-HgEu
	Result 0.00042
	Accuracy 60%

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

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



Quality control Report

Lab number: V-65803

Sample name: ST-S-2

Sampling location: ST-S-2

Sampling date: July 18, 2017

Sampling hour: 08:00

Parameter	
Molybdenum (Mo) mg/L	Limit 0.00042 - 0.00098
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0815
	Accuracy 81.5%
Ammonia NH3 (non-ionized) mg	Limit 0.0800 - 0.1200
	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 0.0884
	Accuracy 88.4%
Nickel (Ni) mg/L	Limit 0.0800 - 0.1200
	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 0.0884
	Accuracy 88.4%
Nitrate (NO3) mg N/L	Limit 0.0800 - 0.1200
	Blank <0.01
	Standard name DMR-0343-2017-NO2
	Result 2.61
	Accuracy 96.3%
Nitrite (NO2) mg N/L	Limit 2.30 - 3.12
	Blank <0.0003
	Standard name C00-046-705_X_1000
	Result 0.0800
	Accuracy 80%
Lead (Pb) mg/L	Limit 0.0800 - 0.1200
	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.095
	Accuracy 95%
Selenium (Se) mg/L	Limit 0.0800 - 0.1200
	Blank <0.6
	Standard name DMR-0343-2017-SO4
	Result 123
	Accuracy 100%
Sulfate (SO4) mg SO4/L	Limit 114 - 132
	Sample duplicate 118-121
	Blank <0.0008
	Standard name TI-S140909023-1000ppm
	Result 964
Thallium (Tl) mg/L	Accuracy 96.4%
	Limit 800 - 1200
	Blank <0.001
Zinc (Zn) mg/L	

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

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



Quality control Report

Lab number: V-65803

Sample name: ST-S-2

Sampling location: ST-S-2

Sampling date: July 18, 2017

Sampling hour: 08:00

Parameter

Standard name C00-046-705_X_1000

Result 0.102

Accuracy 98%

Limit 0.0800 - 0.1200

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

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



Additional information

Lab number: V-65803

Sample name: ST-S-2

Sampling location: ST-S-2

Sampling date: July 18, 2017

Sampling hour: 08:00

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

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

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



Analytical Report

Company: **Agnico Eagle Division Meadowbank**

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

Lab number: V-65924

Sampling location: meadow

Sampling date: July 19, 2017

Sample name: ST-S-5 DUP

Sampling hour: 16:00

Sampled by: Martin T

Date received: July 21, 2017

Matrix: Water

Drinking water distribution:

Reported on: August 21, 2017

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

Results relate only to the sample tested.

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

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



Analytical Report

Lab number: V-65924

Sample name: ST-S-5 DUP

Sampling location: meadow

Sampling date: July 19, 2017

Sampling hour: 16:00

Parameter	Result	Method name	Analysis date
Alkalinity	122 mg CaCO ₃ /L	M-TIT-1.0	July 21, 2017
Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Antimony (Sb)	0.0002 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Antimony (Sb)	<0.0001 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Arsenic (As)	0.0285 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Arsenic (As)	0.0131 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	29.4 mg N/L	Sous-traitance\Multilab Direct	July 24, 2017
Kjeldahl nitrogen	141 mg N/L	Sous-traitance\Multilab Direct	July 27, 2017
Barium (Ba)	0.0237 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Barium (Ba)	0.0195 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
bicarbonate (HCO ₃)	122 mg CaCO ₃ /L	M-TIT-1.0	July 21, 2017
Boron (B)	0.07 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Boron (B)	0.03 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Cadmium (Cd)	0.00089 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Cadmium (Cd)	0.00075 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Calcium (Ca)	311 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Calcium (Ca)	294 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Carbonate (CO ₃)	<2 mg CaCO ₃ /L	M-TIT-1.0	July 21, 2017
Dissolved Organic Carbon (D.O.C.)	47.9 mg/L	M-COT-1.0	July 21, 2017
Total Organic Carbon (T.O.C.)	48.6 mg/L	M-COT-1.0	July 21, 2017
Chloride	82.1 mg/L	Sous-traitance\Multilab Direct	July 24, 2017
Chrome (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Chromium (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Copper (Cu)	0.0072 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Copper (Cu)	0.0063 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Cyanide W.A.D.	0.095 mg/L	Sous-traitance\Multilab Direct	July 27, 2017
Total Cyanide (CNT)	0.316 mg/L	Sous-traitance\Multilab Direct	July 27, 2017
Hardness	995 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	July 31, 2017
Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
dissolved Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Iron (Fe)	1.23 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Iron (Fe)	0.20 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Fluoride (F)	0.48 mg/L	Sous-traitance\Multilab Direct	July 25, 2017
Total Suspended Solids	14 mg/L	M-SOLI-1.0	July 24, 2017
Magnesium (Mg)	53.2 mg/L	Sous-traitance\Multilab Direct	July 31, 2017

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

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



Analytical Report

Lab number: V-65924

Sample name: ST-S-5 DUP

Sampling location: meadow

Sampling date: July 19, 2017

Sampling hour: 16:00

Parameter	Result	Method name	Analysis date
Dissolved Magnesium (Mg)	48.3 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Manganese (Mn)	1.840 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Manganese (Mn)	1.784 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Molybdenum (Mo)	0.3069 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Molybdenum (Mo)	0.2731 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Ammonia NH3 (non-ionized)	0.44 mg N/L	Sous-traitance\Multilab Direct	July 24, 2017
NH4	28.9 mg N/L	Sous-traitance\Multilab Direct	July 24, 2017
Nickel (Ni)	0.0178 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Nickel (Ni)	0.0168 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Nitrate (NO3)	0.13 mg N/L	Sous-traitance\Multilab Direct	July 24, 2017
Nitrite (NO2)	0.02 mg N/L	Sous-traitance\Multilab Direct	July 24, 2017
Ortho-Phosphate (O-PO4)	0.02 mg P/L	Sous-traitance\Multilab Direct	July 25, 2017
Total Phosphorus (P)	0.03 mg P/L	Sous-traitance\Multilab Direct	July 24, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Potassium (K)	66.4 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Potassium (K)	63.6 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Salinity	2 ppm	M-TIT-1.0	July 21, 2017
Selenium (Se)	0.009 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Selenium (Se)	0.010 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Reactive silica (SiO2)	6.8 mg/L	Sous-traitance\Maxxam	July 26, 2017
Sodium (Na)	440 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Sodium (Na)	410 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Solids	2670 mg/L	M-TIT-1.0	July 21, 2017
Sulfate (SO4)	1582 mg SO4/L	Sous-traitance\Multilab Direct	July 24, 2017
Titanium (Ti)	0.40 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved titanium (Ti)	0.37 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Uranium (U)	0.027 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Uranium (U)	0.025 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Vanadium (V)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Vanadium	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Zinc (Zn)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Zinc	0.001 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Bromides	2.98 mg/L	Sous-traitance\Environex	August 11, 2017
Lithium (Li)	0.006 mg/L	Sous-traitance\Environex	August 11, 2017
Dissolved Lithium (Li)	0.006 mg/L	Sous-traitance\Environex	August 11, 2017
Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Environex	August 16, 2017
Dissolved Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Environex	August 17, 2017
Strontium (Sr)	1.34 mg/L	Sous-traitance\Environex	August 11, 2017
dissolved Strontium (Sr)	1.30 mg/L	Sous-traitance\Environex	August 11, 2017

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

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



Analytical Report

Lab number: V-65924

Sample name: ST-S-5 DUP

Sampling location: meadow

Sampling date: July 19, 2017

Sampling hour: 16:00

Parameter	Result	Method name	Analysis date
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Environex	August 11, 2017
Dissolved thallium (Tl)	<0.0008 mg/L	Sous-traitance\Environex	August 11, 2017

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-65924

Sample name: ST-S-5 DUP

Sampling location: meadow

Sampling date: July 19, 2017

Sampling hour: 16:00

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

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-65924

Sample name: ST-S-5 DUP

Sampling location: meadow

Sampling date: July 19, 2017

Sampling hour: 16:00

Parameter	Value	Unit	Method	Accreditation
Dissolved Magnesium (Mg)	0.02	mg/L	Sous-traitance	
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Manganese (Mn)	0.0005	mg/L	Sous-traitance	
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	
Ammonia NH3 (non-ionized)	0.01	mg N/L	Sous-traitance	-
NH4	0.01	mg N/L	Sous-traitance	-
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Nickel (Ni)	0.0005	mg/L	Sous-traitance	
Nitrate (NO3)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO2)	0.01	mg N/L	Sous-traitance	Yes
Ortho-Phosphate (O-PO4)	0.01	mg P/L	Sous-traitance	Yes
Total Phosphorus (P)	0.01	mg P/L	Sous-traitance	Yes
Lead (Pb)	0.00001	mg/L	Sous-traitance	Yes
Dissolved Lead (Pb)	0.0003	mg/L	Sous-traitance	
Potassium (K)	0.05	mg/L	Sous-traitance	
Dissolved Potassium (K)	0.05	mg/L	Sous-traitance	
Salinity	1	ppm	M-TIT-1.0	-
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Dissolved Selenium (Se)	0.001	mg/L	Sous-traitance	
Reactive silica (SiO2)		mg/L	Sous-traitance	
Sodium (Na)	0.05	mg/L	Sous-traitance	Yes
Dissolved Sodium (Na)	0.05	mg/L	Sous-traitance	
Dissolved Solids	1	mg/L	M-TIT-1.0	
Sulfate (SO4)	0.6	mg SO4/L	Sous-traitance	Yes
Titanium (Ti)	0.01	mg/L	Sous-traitance	
Dissolved titanium (Ti)	0.01	mg/L	Sous-traitance	
Uranium (U)	0.001	mg/L	Sous-traitance	
Dissolved Uranium (U)	0.001	mg/L	Sous-traitance	
Vanadium (V)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Vanadium	0.0005	mg/L	Sous-traitance	
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes
Dissolved Zinc	0.001	mg/L	Sous-traitance	
Bromides	0.1	mg/L	Sous-traitance	
Lithium (Li)	0.1	mg/L	Sous-traitance	
Dissolved Lithium (Li)		mg/L	Sous-traitance	
Mercury (Hg)	0.00001	mg/L	Sous-traitance	
Dissolved Mercury (Hg)	0.0001	mg/L	Sous-traitance	
Strontium (Sr)	0.02	mg/L	Sous-traitance	
dissolved Strontium (Sr)		mg/L	Sous-traitance	

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-65924

Sample name: ST-S-5 DUP

Sampling location: meadow

Sampling date: July 19, 2017

Sampling hour: 16:00

Parameter	Value	Unit	Method	Accreditation
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Dissolved thallium (Tl)		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.



Quality control Report

Lab number: V-65924

Sample name: ST-S-5 DUP

Sampling location: meadow

Sampling date: July 19, 2017

Sampling hour: 16:00

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 149 Accuracy 97.2% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006
	Standard name C00-046-705_X_1000 Result 1.20 Accuracy 80% Limit 0.800 - 1.200
Dissolved Aluminium (Al) mg/L	Blank <0.006
	Standard name DMR-0219-2017-Eu Result 7.32 Accuracy 83.3% Limit 5.02 - 7.52
Antimony (Sb) mg/L	Blank <0.0001
	Standard name C00-046-705_X_1000 Result 0.0106 Accuracy 94% Limit 0.0080 - 0.0120
Dissolved Antimony (Sb) mg/L	Blank <0.0001
	Standard name DMR-0219-2017-Eu Result 0.1843 Accuracy 83% Limit 0.178 - 0.266
Silver (Ag) mg/L	Blank <0.0001
Dissolved Silver (Ag) mg/L	Blank <0.0001
Arsenic (As) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000 Result 0.0958 Accuracy 95.8% Limit 0.0700 - 0.1300
Dissolved Arsenic (As) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu Result 0.3287 Accuracy 84.3% Limit 0.199 - 0.369
Ammonia nitrogen (NH ₃ -NH ₄) m	Blank <0.01
	Standard name DMR-0266-2017-NH ₃ -NH ₄ Result 2.37 Accuracy 88.7%

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-65924

Sample name: ST-S-5 DUP

Sampling location: meadow

Sampling date: July 19, 2017

Sampling hour: 16:00

Parameter	
Kjeldahl nitrogen mg N/L	Limit 1.81 - 2.45
	Blank <0.05
	Standard name DMR-0343-2017-NTK
	Result 5.93
	Accuracy 95.4%
Barium (Ba) mg/L	Limit 4.82 - 6.52
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1083
	Accuracy 91.7%
Dissolved Barium (Ba) mg/L	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 2.612
	Accuracy 92.5%
Beryllium (Be) mg/L	Limit 1.94 - 2.92
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1200
	Accuracy 80%
Dissolved Beryllium (Be) mg/L	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.967
	Accuracy 84.3%
Boron (B) mg/L	Limit 1.36 - 2.04
	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.20
	Accuracy 80%
Dissolved Boron (B) mg/L	Limit 0.800 - 1.200
	Blank <0.01
	Standard name DMR-0219-2017-Eu
	Result 3.36
	Accuracy 83.3%
Bromides mg/L	Limit 2.30 - 3.46
	Blank <0.01
	Standard name DMR-0123-2016-Br
	Result 5.40
	Accuracy 95.9%

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-65924

Sample name: ST-S-5 DUP

Sampling location: meadow

Sampling date: July 19, 2017

Sampling hour: 16:00

Parameter	
Cadmium (Cd) mg/L	Limit 4.50 - 6.76
	Blank <0.00002
	Standard name C00-046-705_X_1000
	Result 0.10995
	Accuracy 90%
Dissolved Cadmium (Cd) mg/L	Limit 0.0800 - 0.1200
	Blank <0.00002
	Standard name DMR-0219-2017-Eu
	Result 0.99418
	Accuracy 89.7%
Calcium (Ca) mg/L	Limit 0.721 - 1.081
	Blank <0.03
	Standard name C00-046-705_X_1000
	Result 1.02
	Accuracy 98%
Dissolved Calcium (Ca) mg/L	Limit 0.800 - 1.200
	Blank <0.03
	Standard name DMR-0219-2017-Eu
	Result 20.5
	Accuracy 98.5%
Dissolved Organic Carbon (D.O.C.) mg/L	Limit 16.2 - 24.2
	Blank <0.2
	Standard name COD 10mg/L
	Result 11
	Accuracy 90%
Total Organic Carbon (T.O.C.) mg/L	Limit 8 - 12
	Blank <0.2
	Standard name COT 10mg/L
	Result 11
	Accuracy 90%
Chloride mg/L	Limit 8 - 12
	Blank <0.5
	Standard name DMR-0343-2017-Cl
	Result 111
	Accuracy 97.2%
Chrome (Cr) mg/L	Limit 95 - 121
	Blank <0.0006
	Standard name C00-046-705_X_1000
	Result 0.1021
	Accuracy 97.9%

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-65924

Sample name: ST-S-5 DUP

Sampling location: meadow

Sampling date: July 19, 2017

Sampling hour: 16:00

Parameter	
Dissolved Chromium (Cr) mg/L	Limit 0.0800 - 0.1200 Blank <0.0006 Standard name DMR-0219-2017-Eu Result 4.455 Accuracy 90%
Copper (Cu) mg/L	Limit 3.24 - 4.86 Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1054 Accuracy 94.6%
Dissolved Copper (Cu) mg/L	Limit 0.0800 - 0.1200 Blank <0.0005 Standard name DMR-0219-2017-Eu Result 1.459 Accuracy 86%
Cyanide W.A.D. mg/L	Limit 1.02 - 1.54 Blank <0.001 Standard name DMR-0343-CN Result 0.942 Accuracy 93.3%
Total Cyanide (CNT) mg/L	Limit 0.751 - 1.015 Sample duplicate 0.095-0.092 Blank <0.001 Standard name DMR-0343-CN Result 1.22 Accuracy 96.6%
Tin (Sn) mg/L	Limit 1.003 - 1.357 Sample duplicate 0.316-0.325 Blank <0.001 Standard name C00-046-705_X_1000 Result 0.096 Accuracy 96%
dissolved Tin (Sn) mg/L	Limit 0.0800 - 0.1200 Blank <0.001
Iron (Fe) mg/L	Blank <0.01 Standard name C00-046-705_X_1000 Result 1.17 Accuracy 83%
Dissolved Iron (Fe) mg/L	Limit 0.800 - 1.200 Blank <0.01

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

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



Quality control Report

Lab number: V-65924

Sample name: ST-S-5 DUP

Sampling location: meadow

Sampling date: July 19, 2017

Sampling hour: 16:00

Parameter	
	Standard name DMR-0219-2017-Eu
	Result 9.10
	Accuracy 79.8%
	Limit 9.1 - 13.7
Fluoride (F) mg/L	Blank <0.02
	Standard name DMR-0343-2017-F
	Result 2.35
	Accuracy 97.8%
	Limit 2.1 - 2.5
Lithium (Li) mg/L	Blank <0.005
	Standard name DMR-0219-2017-Eu
	Result 0.780
	Accuracy 92.2%
	Limit 0.677 - 1.015
Dissolved Lithium (Li) mg/L	Blank <0.005
	Standard name DMR-0219-2017-Eu
	Result 0.848
	Accuracy 99.8%
	Limit 0.677 - 1.015
Total Suspended Solids mg/L	Blank <1
	Standard name STD-MES 25mg/L
	Result 26
	Accuracy 96%
	Limit 19 - 31
Magnesium (Mg) mg/L	Blank <0.02
	Standard name C00-046-705_X_1000
	Result 1.20
	Accuracy 80%
	Limit 0.800 - 1.200
Dissolved Magnesium (Mg) mg/L	Blank <0.02
	Standard name DMR-0219-2017-Eu
	Result 9.04
	Accuracy 85.7%
	Limit 6.33 - 9.49
Manganese (Mn) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1063
	Accuracy 93.7%
	Limit 0.0800 - 0.1200
Dissolved Manganese (Mn) mg/L	Blank <0.0005

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-65924

Sample name: ST-S-5 DUP

Sampling location: meadow

Sampling date: July 19, 2017

Sampling hour: 16:00

Parameter	
	Standard name DMR-0219-2017-Eu
	Result 4.138
	Accuracy 93.9%
	Limit 3.12 - 4.68
Mercury (Hg) mg/L	Blank <0.00001
	Standard name DMR-0343-2017-HgEu
	Result 0.00055
	Accuracy 78.6%
	Limit 0.00042 - 0.00098
Dissolved Mercury (Hg) mg/L	Blank <0.00001
	Standard name DMR-0343-2017-HgEu
	Result 0.00050
	Accuracy 71.4%
	Limit 0.00042 - 0.00098
Molybdenum (Mo) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1036
	Accuracy 96.4%
	Limit 0.0800 - 0.1200
Dissolved Molybdenum (Mo) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 0.6545
	Accuracy 92.4%
	Limit 0.566 - 0.850
Ammonia NH3 (non-ionized) mg	Blank <0.01
NH4 mg N/L	Blank <0.01
Nickel (Ni) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1067
	Accuracy 93.3%
	Limit 0.0800 - 0.1200
Dissolved Nickel (Ni) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.218
	Accuracy 93.2%
	Limit 0.91 - 1.37
Nitrate (NO3) mg N/L	Blank <0.01
Nitrite (NO2) mg N/L	Blank <0.01
	Standard name DMR-0343-2017-NO2
	Result 2.74

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-65924

Sample name: ST-S-5 DUP

Sampling location: meadow

Sampling date: July 19, 2017

Sampling hour: 16:00

Parameter	
Ortho-Phosphate (O-PO ₄) mg P/	Accuracy 98.9%
	Limit 2.30 - 3.12
	Blank <0.01
	Standard name DMR-0343-2017-OPO ₄
	Result 3.23
Total Phosphorus (P) mg P/L	Accuracy 98.7%
	Limit 2.81 - 3.57
	Blank <0.01
	Standard name DMR-0343-2017-Ptotal
	Result 1.02
Lead (Pb) mg/L	Accuracy 89.5%
	Limit 1.00 - 1.28
	Blank <0.0003
	Standard name C00-046-705_X_1000
	Result 0.0911
Dissolved Lead (Pb) mg/L	Accuracy 91.1%
	Limit 0.0800 - 0.1200
	Blank <0.0003
	Standard name DMR-0219-2017-Eu
	Result 0.9012
Potassium (K) mg/L	Accuracy 99.8%
	Limit 0.722 - 1.084
	Blank <0.05
	Standard name C00-046-705_X_1000
	Result 0.82
Dissolved Potassium (K) mg/L	Accuracy 82%
	Limit 0.800 - 1.200
	Blank <0.05
	Standard name DMR-0219-2017-Eu
	Result 18.1
Selenium (Se) mg/L	Accuracy 98.3%
	Limit 14.2 - 21.4
	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.102
Dissolved Selenium (Se) mg/L	Accuracy 98%
	Limit 0.0800 - 0.1200
	Blank <0.001
	Standard name DMR-0219-2017-Eu
	Result 1.49

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-65924

Sample name: ST-S-5 DUP

Sampling location: meadow

Sampling date: July 19, 2017

Sampling hour: 16:00

Parameter	
Sodium (Na) mg/L	Accuracy 89.6%
	Limit 1.08 - 1.62
	Blank <0.05
	Standard name C00-046-705_X_1000
	Result 1.16
Dissolved Sodium (Na) mg/L	Accuracy 84%
	Limit 0.800 - 1.200
	Blank <0.05
	Standard name DMR-0219-2017-Eu
Strontium (Sr) mg/L	Result 30.9
	Accuracy 86%
	Limit 21.7 - 32.5
	Blank <0.005
dissolved Strontium (Sr) mg/L	Standard name DMR-0219-2017-Eu
	Result 1.19
	Accuracy 96.7%
	Limit 0.98 - 1.48
Sulfate (SO4) mg SO4/L	Blank <0.005
	Standard name DMR-0219-2017-Eu
	Result 1.31
	Accuracy 93.5%
Thallium (Tl) mg/L	Limit 0.98 - 1.48
	Blank <0.6
	Standard name DMR-0343-2017-SO4
	Result 124
Dissolved thallium (Tl) mg/L	Accuracy 99.2%
	Limit 114 - 132
	Blank 0.0011
	Standard name TI-S140909023-1000ppm
Titanium (Ti) mg/L	Result 800
	Accuracy 80%
	Limit 800 - 1200
	Blank <0.0008
Dissolved titanium (Ti) mg/L	Standard name TI-S140909023-1000ppm
	Result 822
	Accuracy 82.2%
	Limit 800 - 1200
Uranium (U) mg/L	Blank <0.01
	Blank <0.01

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

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



Quality control Report

Lab number: V-65924

Sample name: ST-S-5 DUP

Sampling location: meadow

Sampling date: July 19, 2017

Sampling hour: 16:00

Parameter	
	Standard name C00-046-705_X_1000
	Result 0.099
	Accuracy 99%
	Limit 0.0800 - 0.1200
Dissolved Uranium (U) mg/L	Blank <0.001
	Standard name DMR-0219-2017-Eu
	Result 1.84
	Accuracy 95.5%
	Limit 1.41 - 2.11
Vanadium (V) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1060
	Accuracy 94%
	Limit 0.0800 - 0.1200
Dissolved Vanadium mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 2.154
	Accuracy 91.8%
	Limit 1.59 - 2.39
Zinc (Zn) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.108
	Accuracy 92%
	Limit 0.0800 - 0.1200
Dissolved Zinc mg/L	Blank <0.001
	Standard name DMR-0219-2017-Eu
	Result 5.11
	Accuracy 87.9%
	Limit 3.65 - 5.47

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

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



Additional information

Lab number: V-65924

Sample name: ST-S-5 DUP

Sampling location: meadow

Sampling date: July 19, 2017

Sampling hour: 16:00

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

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

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



Analytical Report

Company: **Agnico Eagle Division Meadowbank**

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

Lab number: V-65923

Sampling location: meadow

Sampling date: July 19, 2017

Sample name: ST-S-5

Sampling hour: 16:00

Sampled by: Martin T

Date received: July 21, 2017

Matrix: Water

Drinking water distribution:

Reported on: July 26, 2017

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

Results relate only to the sample tested.

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

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-65923

Sample name: ST-S-5

Sampling location: meadow

Sampling date: July 19, 2017

Sampling hour: 16:00

Parameter	Result	Method name	Analysis date
Alkalinity	122 mg CaCO ₃ /L	M-TIT-1.0	July 21, 2017
Aluminium (Al)	0.018 mg/L	Sous-traitance\Multilab Direct	July 25, 2017
Dissolved Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	July 25, 2017
Antimony (Sb)	0.0001 mg/L	Sous-traitance\Multilab Direct	July 25, 2017
Dissolved Antimony (Sb)	<0.0001 mg/L	Sous-traitance\Multilab Direct	July 25, 2017
Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	July 25, 2017
Dissolved Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	July 25, 2017
Arsenic (As)	0.0174 mg/L	Sous-traitance\Multilab Direct	July 25, 2017
Dissolved Arsenic (As)	0.0083 mg/L	Sous-traitance\Multilab Direct	July 25, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	29.6 mg N/L	Sous-traitance\Multilab Direct	July 24, 2017
Kjeldahl nitrogen	54.7 mg N/L	Sous-traitance\Multilab Direct	July 24, 2017
Barium (Ba)	0.0225 mg/L	Sous-traitance\Multilab Direct	July 25, 2017
Dissolved Barium (Ba)	0.0222 mg/L	Sous-traitance\Multilab Direct	July 25, 2017
Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 25, 2017
Dissolved Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 25, 2017
bicarbonate (HCO ₃)	122 mg CaCO ₃ /L	M-TIT-1.0	July 21, 2017
Boron (B)	0.08 mg/L	Sous-traitance\Multilab Direct	July 25, 2017
Dissolved Boron (B)	0.08 mg/L	Sous-traitance\Multilab Direct	July 25, 2017
Bromides	2.80 mg/L	Sous-traitance\Multilab Direct	July 24, 2017
Cadmium (Cd)	0.00105 mg/L	Sous-traitance\Multilab Direct	July 25, 2017
Dissolved Cadmium (Cd)	0.00133 mg/L	Sous-traitance\Multilab Direct	July 25, 2017
Calcium (Ca)	326 mg/L	Sous-traitance\Multilab Direct	July 25, 2017
Dissolved Calcium (Ca)	306 mg/L	Sous-traitance\Multilab Direct	July 25, 2017
Carbonate (CO ₃)	<2 mg CaCO ₃ /L	M-TIT-1.0	July 21, 2017
Dissolved Organic Carbon (D.O.C.)	48.6 mg/L	M-COT-1.0	July 21, 2017
Total Organic Carbon (T.O.C.)	48.6 mg/L	M-COT-1.0	July 21, 2017
Chloride	83.2 mg/L	Sous-traitance\Multilab Direct	July 24, 2017
Chrome (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	July 25, 2017
Dissolved Chromium (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	July 25, 2017
Copper (Cu)	0.0080 mg/L	Sous-traitance\Multilab Direct	July 25, 2017
Dissolved Copper (Cu)	0.0073 mg/L	Sous-traitance\Multilab Direct	July 25, 2017
Cyanide W.A.D.	0.104 mg/L	Sous-traitance\Multilab Direct	July 24, 2017
Total Cyanide (CNT)	0.246 mg/L	Sous-traitance\Multilab Direct	July 24, 2017
Hardness	1026 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	July 25, 2017
Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 25, 2017
dissolved Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 25, 2017
Iron (Fe)	1.02 mg/L	Sous-traitance\Multilab Direct	July 25, 2017
Dissolved Iron (Fe)	0.15 mg/L	Sous-traitance\Multilab Direct	July 25, 2017
Fluoride (F)	0.46 mg/L	Sous-traitance\Multilab Direct	July 25, 2017
Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	July 24, 2017

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-65923

Sample name: ST-S-5

Sampling location: meadow

Sampling date: July 19, 2017

Sampling hour: 16:00

Parameter	Result	Method name	Analysis date
Dissolved Lithium (Li)	0.005 mg/L	Sous-traitance\Multilab Direct	July 24, 2017
Total Suspended Solids	13 mg/L	M-SOLI-1.0	July 24, 2017
Magnesium (Mg)	51.6 mg/L	Sous-traitance\Multilab Direct	July 25, 2017
Dissolved Magnesium (Mg)	51.4 mg/L	Sous-traitance\Multilab Direct	July 25, 2017
Manganese (Mn)	1.821 mg/L	Sous-traitance\Multilab Direct	July 25, 2017
Dissolved Manganese (Mn)	1.773 mg/L	Sous-traitance\Multilab Direct	July 25, 2017
Mercury (Hg)	0.00006 mg/L	Sous-traitance\Multilab Direct	July 25, 2017
Dissolved Mercury (Hg)	0.0001 mg/L	Sous-traitance\Multilab Direct	July 24, 2017
Molybdenum (Mo)	0.2753 mg/L	Sous-traitance\Multilab Direct	July 25, 2017
Dissolved Molybdenum (Mo)	0.3174 mg/L	Sous-traitance\Multilab Direct	July 25, 2017
Ammonia NH3 (non-ionized)	0.45 mg N/L	Sous-traitance\Multilab Direct	July 24, 2017
NH4	29.1 mg N/L	Sous-traitance\Multilab Direct	July 24, 2017
Nickel (Ni)	0.0201 mg/L	Sous-traitance\Multilab Direct	July 25, 2017
Dissolved Nickel (Ni)	0.0201 mg/L	Sous-traitance\Multilab Direct	July 25, 2017
Nitrate (NO3)	0.13 mg N/L	Sous-traitance\Multilab Direct	July 24, 2017
Nitrite (NO2)	0.02 mg N/L	Sous-traitance\Multilab Direct	July 24, 2017
Ortho-Phosphate (O-PO4)	0.02 mg P/L	Sous-traitance\Multilab Direct	July 25, 2017
Total Phosphorus (P)	0.05 mg P/L	Sous-traitance\Multilab Direct	July 24, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	July 25, 2017
Dissolved Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	July 25, 2017
Potassium (K)	68.7 mg/L	Sous-traitance\Multilab Direct	July 25, 2017
Dissolved Potassium (K)	65.5 mg/L	Sous-traitance\Multilab Direct	July 25, 2017
Salinity	2 ppm	M-TIT-1.0	July 21, 2017
Selenium (Se)	0.011 mg/L	Sous-traitance\Multilab Direct	July 25, 2017
Dissolved Selenium (Se)	0.014 mg/L	Sous-traitance\Multilab Direct	July 25, 2017
Reactive silica (SiO2)	7.7 mg/L	Sous-traitance\Maxxam	July 26, 2017
Sodium (Na)	451 mg/L	Sous-traitance\Multilab Direct	July 25, 2017
Dissolved Sodium (Na)	428 mg/L	Sous-traitance\Multilab Direct	July 25, 2017
Dissolved Solids	2664 mg/L	M-TIT-1.0	July 21, 2017
Strontium (Sr)	1.29 mg/L	Sous-traitance\Multilab Direct	July 24, 2017
dissolved Strontium (Sr)	1.31 mg/L	Sous-traitance\Multilab Direct	July 24, 2017
Sulfate (SO4)	1731 mg SO4/L	Sous-traitance\Multilab Direct	July 24, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	July 24, 2017
Dissolved thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	July 24, 2017
Titanium (Ti)	0.43 mg/L	Sous-traitance\Multilab Direct	July 25, 2017
Dissolved titanium (Ti)	0.37 mg/L	Sous-traitance\Multilab Direct	July 25, 2017
Uranium (U)	0.026 mg/L	Sous-traitance\Multilab Direct	July 25, 2017
Dissolved Uranium (U)	0.026 mg/L	Sous-traitance\Multilab Direct	July 25, 2017
Vanadium (V)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 25, 2017
Dissolved Vanadium	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 25, 2017

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-65923

Sample name: ST-S-5

Sampling location: meadow

Sampling date: July 19, 2017

Sampling hour: 16:00

Parameter	Result	Method name	Analysis date
Zinc (Zn)	0.003 mg/L	Sous-traitance\Multilab Direct	July 25, 2017
Dissolved Zinc	<0.001 mg/L	Sous-traitance\Multilab Direct	July 25, 2017

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-65923

Sample name: ST-S-5

Sampling location: meadow

Sampling date: July 19, 2017

Sampling hour: 16:00

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2 mg CaCO ₃ /L		M-TIT-1.0	
Aluminium (Al)	0.006 mg/L		Sous-traitance	
Dissolved Aluminium (Al)	0.006 mg/L		Sous-traitance	
Antimony (Sb)	0.0001 mg/L		Sous-traitance	Yes
Dissolved Antimony (Sb)	0.0001 mg/L		Sous-traitance	
Silver (Ag)	0.0001 mg/L		Sous-traitance	Yes
Dissolved Silver (Ag)	0.0001 mg/L		Sous-traitance	
Arsenic (As)	0.0005 mg/L		Sous-traitance	Yes
Dissolved Arsenic (As)	0.0005 mg/L		Sous-traitance	
Ammonia nitrogen (NH ₃ -NH ₄)	0.01 mg N/L		Sous-traitance	Yes
Kjeldahl nitrogen	0.07 mg N/L		Sous-traitance	Yes
Barium (Ba)	0.0005 mg/L		Sous-traitance	Yes
Dissolved Barium (Ba)	0.0005 mg/L		Sous-traitance	
Beryllium (Be)	0.0005 mg/L		Sous-traitance	
Dissolved Beryllium (Be)	0.0005 mg/L		Sous-traitance	
bicarbonate (HCO ₃)	2 mg CaCO ₃ /L		M-TIT-1.0	
Boron (B)	0.01 mg/L		Sous-traitance	Yes
Dissolved Boron (B)	0.01 mg/L		Sous-traitance	
Bromides	0.01 mg/L		Sous-traitance	
Cadmium (Cd)	0.00002 mg/L		Sous-traitance	Yes
Dissolved Cadmium (Cd)	0.00002 mg/L		Sous-traitance	
Calcium (Ca)	0.03 mg/L		Sous-traitance	Yes
Dissolved Calcium (Ca)	0.03 mg/L		Sous-traitance	
Carbonate (CO ₃)	2 mg CaCO ₃ /L		M-TIT-1.0	
Dissolved Organic Carbon (D.O.C.)	0.2 mg/L		M-COT-1.0	--
Total Organic Carbon (T.O.C.)	0.2 mg/L		M-COT-1.0	Yes
Chloride	0.5 mg/L		Sous-traitance	Yes
Chrome (Cr)	0.0006 mg/L		Sous-traitance	Yes
Dissolved Chromium (Cr)	0.0006 mg/L		Sous-traitance	
Copper (Cu)	0.0005 mg/L		Sous-traitance	Yes
Dissolved Copper (Cu)	0.0005 mg/L		Sous-traitance	
Cyanide W.A.D.	0.001 mg/L		Sous-traitance	Yes
Total Cyanide (CNT)	0.001 mg/L		Sous-traitance	Yes
Hardness	1 mg CaCO ₃ /L		Sous-traitance	
Tin (Sn)	0.001 mg/L		Sous-traitance	Yes
dissolved Tin (Sn)	0.001 mg/L		Sous-traitance	
Iron (Fe)	0.01 mg/L		Sous-traitance	Yes
Dissolved Iron (Fe)	0.01 mg/L		Sous-traitance	
Fluoride (F)	0.02 mg/L		Sous-traitance	Yes
Lithium (Li)	0.005 mg/L		Sous-traitance	

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-65923

Sample name: ST-S-5

Sampling location: meadow

Sampling date: July 19, 2017

Sampling hour: 16:00

Parameter	Value	Unit	Method	Accreditation
Dissolved Lithium (Li)	0.005	mg/L	Sous-traitance	
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Magnesium (Mg)	0.02	mg/L	Sous-traitance	Yes
Dissolved Magnesium (Mg)	0.02	mg/L	Sous-traitance	
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Manganese (Mn)	0.0005	mg/L	Sous-traitance	
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Dissolved Mercury (Hg)	0.00001	mg/L	Sous-traitance	
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	
Ammonia NH3 (non-ionized)	0.01	mg N/L	Sous-traitance	-
NH4	0.01	mg N/L	Sous-traitance	-
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Nickel (Ni)	0.0005	mg/L	Sous-traitance	
Nitrate (NO3)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO2)	0.01	mg N/L	Sous-traitance	Yes
Ortho-Phosphate (O-PO4)	0.01	mg P/L	Sous-traitance	Yes
Total Phosphorus (P)	0.01	mg P/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Dissolved Lead (Pb)	0.0003	mg/L	Sous-traitance	
Potassium (K)	0.05	mg/L	Sous-traitance	
Dissolved Potassium (K)	0.05	mg/L	Sous-traitance	
Salinity	1	ppm	M-TIT-1.0	-
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Dissolved Selenium (Se)	0.001	mg/L	Sous-traitance	
Reactive silica (SiO2)		mg/L	Sous-traitance	
Sodium (Na)	0.05	mg/L	Sous-traitance	Yes
Dissolved Sodium (Na)	0.05	mg/L	Sous-traitance	
Dissolved Solids	1	mg/L	M-TIT-1.0	
Strontium (Sr)	0.005	mg/L	Sous-traitance	
dissolved Strontium (Sr)	0.005	mg/L	Sous-traitance	
Sulfate (SO4)	0.6	mg SO4/L	Sous-traitance	Yes
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Dissolved thallium (Tl)	0.0008	mg/L	Sous-traitance	
Titanium (Ti)	0.01	mg/L	Sous-traitance	
Dissolved titanium (Ti)	0.01	mg/L	Sous-traitance	
Uranium (U)	0.001	mg/L	Sous-traitance	
Dissolved Uranium (U)	0.001	mg/L	Sous-traitance	
Vanadium (V)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Vanadium	0.0005	mg/L	Sous-traitance	

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-65923

Sample name: ST-S-5

Sampling location: meadow

Sampling date: July 19, 2017

Sampling hour: 16:00

Parameter	Value	Unit	Method	Accreditation
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes
Dissolved Zinc	0.001	mg/L	Sous-traitance	

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

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



Quality control Report

Lab number: V-65923

Sample name: ST-S-5

Sampling location: meadow

Sampling date: July 19, 2017

Sampling hour: 16:00

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 149 Accuracy 97.2% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006
	Standard name DMR-0219-2017-Eu Result 5.59 Accuracy 89.2% Limit 5.02 - 7.52
Dissolved Aluminium (Al) mg/L	Blank <0.006
	Standard name DMR-0219-2017-Eu Result 5.59 Accuracy 89.2% Limit 5.02 - 7.52
Antimony (Sb) mg/L	Blank <0.0001
	Standard name C00-046-705_X_1000 Result 0.0092 Accuracy 92% Limit 0.0080 - 0.0120
Silver (Ag) mg/L	Blank <0.0001
	Standard name DMR-0013-2017-Ag Result 0.0342 Accuracy 80.7% Limit 0.0339 - 0.0509
Dissolved Silver (Ag) mg/L	Blank <0.0001
	Standard name DMR-0013-2017-Ag Result 0.0342 Accuracy 80.7% Limit 0.0339 - 0.0509
Arsenic (As) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu Result 0.2598 Accuracy 91.5% Limit 0.199 - 0.369
Dissolved Arsenic (As) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu Result 0.2598 Accuracy 91.5% Limit 0.199 - 0.369
Ammonia nitrogen (NH ₃ -NH ₄) m	Blank <0.01

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

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



Quality control Report

Lab number: V-65923

Sample name: ST-S-5

Sampling location: meadow

Sampling date: July 19, 2017

Sampling hour: 16:00

Parameter	
	Standard name DMR-0266-2017-NH3-NH4
	Result 2.04
	Accuracy 95.8%
	Limit 1.81 - 2.45
Kjeldahl nitrogen mg N/L	Blank <0.05
	Standard name DMR-0343-2017-NTK
	Result 5.85
	Accuracy 96.8%
	Limit 4.82 - 6.52
Barium (Ba) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 2.121
	Accuracy 87.3%
	Limit 1.94 - 2.92
Dissolved Barium (Ba) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 2.121
	Accuracy 87.3%
	Limit 1.94 - 2.92
Beryllium (Be) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.628
	Accuracy 95.8%
	Limit 1.36 - 2.04
Dissolved Beryllium (Be) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.628
	Accuracy 95.8%
	Limit 1.36 - 2.04
Boron (B) mg/L	Blank <0.01
	Standard name DMR-0219-2017-Eu
	Result 2.83
	Accuracy 98.3%
	Limit 2.30 - 3.46
Dissolved Boron (B) mg/L	Blank <0.01
	Standard name DMR-0219-2017-Eu
	Result 2.83
	Accuracy 98.3%
	Limit 2.30 - 3.46
Bromides mg/L	Blank <0.01

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

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



Quality control Report

Lab number: V-65923

Sample name: ST-S-5

Sampling location: meadow

Sampling date: July 19, 2017

Sampling hour: 16:00

Parameter	
	Standard name DMR-0119-2017-Br
	Result 5.55
	Accuracy 98.6%
	Limit 4.50 - 6.76
Cadmium (Cd) mg/L	Blank <0.00002
	Standard name DMR-0219-2017-Eu
	Result 0.79620
	Accuracy 88.4%
	Limit 0.721 - 1.081
Dissolved Cadmium (Cd) mg/L	Blank <0.00002
	Standard name DMR-0219-2017-Eu
	Result 0.79620
	Accuracy 88.4%
	Limit 0.721 - 1.081
Calcium (Ca) mg/L	Blank <0.03
	Standard name DMR-0219-2017-Eu
	Result 17.6
	Accuracy 87.1%
	Limit 16.2 - 24.2
Dissolved Calcium (Ca) mg/L	Blank <0.03
	Standard name DMR-0219-2017-Eu
	Result 17.6
	Accuracy 87.1%
	Limit 16.2 - 24.2
Dissolved Organic Carbon (D.O.C.) mg/L	Blank <0.2
	Standard name COD 10mg/L
	Result 11
	Accuracy 90%
	Limit 8 - 12
Total Organic Carbon (T.O.C.) mg/L	Blank <0.2
	Standard name COT 10mg/L
	Result 11
	Accuracy 90%
	Limit 8 - 12
Chloride mg/L	Blank <0.5
	Standard name DMR-0343-2017-Cl
	Result 111
	Accuracy 97.2%
	Limit 95 - 121
Chrome (Cr) mg/L	Blank <0.0006

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

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



Quality control Report

Lab number: V-65923

Sample name: ST-S-5

Sampling location: meadow

Sampling date: July 19, 2017

Sampling hour: 16:00

Parameter	
	Standard name DMR-0219-2017-Eu
	Result 3.771
	Accuracy 93.1%
	Limit 3.24 - 4.86
Dissolved Chromium (Cr) mg/L	Blank <0.0006
	Standard name DMR-0219-2017-Eu
	Result 3.771
	Accuracy 93.1%
	Limit 3.24 - 4.86
Copper (Cu) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.300
	Accuracy 98.4%
	Limit 1.02 - 1.54
Dissolved Copper (Cu) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.300
	Accuracy 98.4%
	Limit 1.02 - 1.54
Cyanide W.A.D. mg/L	Blank <0.001
	Standard name DMR-0343-CN
	Result 0.854
	Accuracy 96.7%
	Limit 0.751 - 1.015
Total Cyanide (CNT) mg/L	Blank <0.001
	Standard name DMR-0343-CN
	Result 1.16
	Accuracy 98.3%
	Limit 1.003 - 1.357
Tin (Sn) mg/L	Blank <0.001
	Standard name DMR-0310-2016-Sn
	Result 7.65
	Accuracy 84.3%
	Limit 7.26 - 10.88
dissolved Tin (Sn) mg/L	Blank <0.001
	Standard name DMR-0310-2016-Sn
	Result 7.65
	Accuracy 84.3%
	Limit 6.35 - 11.79
Iron (Fe) mg/L	Blank <0.01

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

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



Quality control Report

Lab number: V-65923

Sample name: ST-S-5

Sampling location: meadow

Sampling date: July 19, 2017

Sampling hour: 16:00

Parameter	
	Standard name DMR-0219-2017-Eu
	Result 11.9
	Accuracy 95.6%
	Limit 9.1 - 13.7
Dissolved Iron (Fe) mg/L	Blank <0.01
	Standard name DMR-0219-2017-Eu
	Result 11.9
	Accuracy 95.6%
	Limit 9.1 - 13.7
Fluoride (F) mg/L	Blank <0.02
	Standard name DMR-0343-2017-F
	Result 2.35
	Accuracy 97.8%
	Limit 2.1 - 2.5
Lithium (Li) mg/L	Blank <0.005
	Standard name DMR-0219-2017-Eu
	Result 0.711
	Accuracy 84%
	Limit 0.677 - 1.015
Dissolved Lithium (Li) mg/L	Blank <0.005
	Standard name DMR-0219-2017-Eu
	Result 0.711
	Accuracy 84%
	Limit 0.677 - 1.015
Total Suspended Solids mg/L	Blank <1
	Standard name STD-MES 25mg/L
	Result 26
	Accuracy 96%
	Limit 19 - 31
Magnesium (Mg) mg/L	Blank <0.02
	Standard name DMR-0219-2017-Eu
	Result 7.15
	Accuracy 90.4%
	Limit 6.33 - 9.49
Dissolved Magnesium (Mg) mg/L	Blank <0.02
	Standard name DMR-0219-2017-Eu
	Result 7.15
	Accuracy 90.4%
	Limit 6.33 - 9.49
Manganese (Mn) mg/L	Blank <0.0005

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

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



Quality control Report

Lab number: V-65923

Sample name: ST-S-5

Sampling location: meadow

Sampling date: July 19, 2017

Sampling hour: 16:00

Parameter	
	Standard name DMR-0219-2017-Eu
	Result 3.491
	Accuracy 89.5%
	Limit 3.12 - 4.68
Dissolved Manganese (Mn) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 3.491
	Accuracy 89.5%
	Limit 3.12 - 4.68
Mercury (Hg) mg/L	Blank <0.00001
	Standard name DMR-0266-2017-HgEu
	Result 0.00064
	Accuracy 91.4%
	Limit 0.00042 - 0.00098
Dissolved Mercury (Hg) mg/L	Blank <0.00001
	Standard name DMR-0266-2017-HgEu
	Result 0.00064
	Accuracy 91.4%
	Limit 0.00042 - 0.00098
Molybdenum (Mo) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 0.5667
	Accuracy 80%
	Limit 0.566 - 0.850
Dissolved Molybdenum (Mo) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 0.5667
	Accuracy 80%
	Limit 0.566 - 0.850
Ammonia NH3 (non-ionized) mg	Blank <0.01
NH4 mg N/L	Blank <0.01
Nickel (Ni) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.059
	Accuracy 92.9%
	Limit 0.91 - 1.37
Dissolved Nickel (Ni) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.059
	Accuracy 92.9%

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

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



Quality control Report

Lab number: V-65923

Sample name: ST-S-5

Sampling location: meadow

Sampling date: July 19, 2017

Sampling hour: 16:00

Parameter	
Nitrate (NO ₃) mg N/L	Limit 0.91 - 1.37
	Blank <0.01
	Blank <0.01
	Standard name DMR-0343-2017-NO ₂
Nitrite (NO ₂) mg N/L	Result 2.74
	Accuracy 98.9%
	Limit 2.30 - 3.12
	Blank <0.01
Ortho-Phosphate (O-PO ₄) mg P/	Standard name DMR-0343-2017-OPO ₄
	Result 3.23
	Accuracy 98.7%
	Limit 2.81 - 3.57
Total Phosphorus (P) mg P/L	Blank <0.01
	Standard name DMR-0343-2017-Ptotal
	Result 1.02
	Accuracy 89.5%
Lead (Pb) mg/L	Limit 1.00 - 1.28
	Blank <0.0003
	Standard name DMR-0219-2017-Eu
	Result 0.8189
Dissolved Lead (Pb) mg/L	Accuracy 90.7%
	Limit 0.722 - 1.084
	Blank <0.0003
	Standard name DMR-0219-2017-Eu
Potassium (K) mg/L	Result 0.8189
	Accuracy 90.7%
	Limit 0.722 - 1.084
	Blank <0.05
Dissolved Potassium (K) mg/L	Standard name DMR-0219-2017-Eu
	Result 17.0
	Accuracy 95.5%
	Limit 14.2 - 21.4
Selenium (Se) mg/L	Blank <0.05
	Standard name DMR-0219-2017-Eu
	Result 17.0
	Accuracy 95.5%
Selenium (Se) mg/L	Limit 14.2 - 21.4
	Blank <0.001
	Standard name DMR-0219-2017-Eu
	Result 1.27

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

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



Quality control Report

Lab number: V-65923

Sample name: ST-S-5

Sampling location: meadow

Sampling date: July 19, 2017

Sampling hour: 16:00

Parameter	
Dissolved Selenium (Se) mg/L	Accuracy 94.1%
	Limit 1.08 - 1.62
	Blank <0.001
	Standard name DMR-0219-2017-Eu
	Result 1.27
Sodium (Na) mg/L	Accuracy 94.1%
	Limit 1.08 - 1.62
	Blank <0.05
	Standard name DMR-0219-2017-Eu
	Result 23.9
Dissolved Sodium (Na) mg/L	Accuracy 88.2%
	Limit 21.7 - 32.5
	Blank <0.05
	Standard name DMR-0219-2017-Eu
	Result 23.9
Strontium (Sr) mg/L	Accuracy 88.2%
	Limit 21.7 - 32.5
	Blank <0.005
	Standard name DMR-0219-2017-Eu
	Result 1.29
dissolved Strontium (Sr) mg/L	Accuracy 95.1%
	Limit 0.98 - 1.48
	Blank <0.005
	Standard name DMR-0219-2017-Eu
	Result 1.29
Sulfate (SO4) mg SO4/L	Accuracy 95.1%
	Limit 0.98 - 1.48
	Blank <0.6
	Standard name DMR-0343-2017-SO4
	Result 124
Thallium (Tl) mg/L	Accuracy 99.2%
	Limit 114 - 132
	Blank <0.0008
	Standard name TI-S140909023-1000ppm
	Result 939
Dissolved thallium (Tl) mg/L	Accuracy 93.9%
	Limit 800 - 1200
	Blank <0.0008
	Standard name TI-S140909023-1000ppm
	Result 939

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

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



Quality control Report

Lab number: V-65923

Sample name: ST-S-5

Sampling location: meadow

Sampling date: July 19, 2017

Sampling hour: 16:00

Parameter	
	Accuracy 93.9%
	Limit 800 - 1200
Titanium (Ti) mg/L	Blank <0.01
Dissolved titanium (Ti) mg/L	Blank <0.01
Uranium (U) mg/L	Blank <0.001
	Standard name DMR-0219-2017-Eu
	Result 1.56
	Accuracy 88.6%
	Limit 1.41 - 2.11
Dissolved Uranium (U) mg/L	Blank <0.001
	Standard name DMR-0219-2017-Eu
	Result 1.56
	Accuracy 88.6%
	Limit 1.41 - 2.11
Vanadium (V) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.758
	Accuracy 88.3%
	Limit 1.59 - 2.39
Dissolved Vanadium mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.758
	Accuracy 88.3%
	Limit 1.59 - 2.39
Zinc (Zn) mg/L	Blank <0.001
	Standard name DMR-0219-2017-Eu
	Result 4.27
	Accuracy 93.6%
	Limit 3.65 - 5.47
Dissolved Zinc mg/L	Blank <0.001
	Standard name DMR-0219-2017-Eu
	Result 4.27
	Accuracy 93.6%
	Limit 3.65 - 5.47

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

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



Additional information

Lab number: V-65923

Sample name: ST-S-5

Sampling location: meadow

Sampling date: July 19, 2017

Sampling hour: 16:00

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

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

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



Analytical Report

Company: **Agnico Eagle Division Meadowbank**

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

Lab number: V-66007

Sampling location: TPSN65.58.10.9. W96.09.51.37.

Sampling date: July 23, 2017

Sample name: ST-EEM-2c WAL

Sampling hour: 10:00

Sampled by: Martin Theriault

Date received: July 25, 2017

Matrix: Waste Water

Drinking water distribution:

Reported on: August 17, 2017

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

Results relate only to the sample tested.

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

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



Analytical Report

Lab number: V-66007

Sample name: ST-EEM-2c WAL

Sampling date: July 23, 2017

Sampling location: TPSN65.58.10.9. W96.09.51.37.

Sampling hour: 10:00

Parameter	Result	Method name	Analysis date
Alkalinity	42 mg CaCO ₃ /L	M-TIT-1.0	July 25, 2017
Aluminium (Al)	0.008 mg/L	Sous-traitance\Multilab Direct	August 02, 2017
Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 02, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	0.04 mg N/L	Sous-traitance\Multilab Direct	July 26, 2017
Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	August 02, 2017
Copper (Cu)	0.0011 mg/L	Sous-traitance\Multilab Direct	August 02, 2017
Total Cyanide (CNT)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 28, 2017
Hardness	18 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	August 02, 2017
Iron (Fe)	0.02 mg/L	Sous-traitance\Multilab Direct	August 02, 2017
Total Suspended Solids	1 mg/L	M-SOLI-1.0	July 26, 2017
Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	August 16, 2017
Molybdenum (Mo)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 02, 2017
Ammonia NH ₃ (non-ionized)	<0.01 mg N/L	Sous-traitance\Multilab Direct	July 26, 2017
Nickel (Ni)	0.0005 mg/L	Sous-traitance\Multilab Direct	August 02, 2017
Nitrate (NO ₃)	0.12 mg N/L	Sous-traitance\Multilab Direct	July 26, 2017
Lead (Pb)	0.0018 mg/L	Sous-traitance\Multilab Direct	August 02, 2017
Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 02, 2017
Zinc (Zn)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 02, 2017

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

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



Detection limit

Lab number: V-66007

Sample name: ST-EEM-2c WAL

Sampling date: July 23, 2017

Sampling location: TPSN65.58.10.9. W96.09.51.37.

Sampling hour: 10:00

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO ₃ /L	M-TIT-1.0	
Aluminium (Al)	0.006	mg/L	Sous-traitance	
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Ammonia nitrogen (NH ₃ -NH ₄)	0.01	mg N/L	Sous-traitance	Yes
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO ₃ /L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Ammonia NH ₃ (non-ionized)	0.01	mg N/L	Sous-traitance	-
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Nitrate (NO ₃)	0.01	mg N/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes

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



Quality control Report

Lab number: V-66007

Sample name: ST-EEM-2c WAL

Sampling location: TPSN65.58.10.9. W96.09.51.37.

Sampling date: July 23, 2017

Sampling hour: 10:00

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 147 Accuracy 98.6% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006 Standard name C00-046-705_X_1000 Result 1.20 Accuracy 80% Limit 0.800 - 1.200
Arsenic (As) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0974 Accuracy 97.4% Limit 0.0700 - 0.1300
Ammonia nitrogen (NH ₃ -NH ₄) m	Blank <0.01 Standard name DMR-0343-2017-NH ₃ -NH ₄ Result 2.25 Accuracy 94.4% Limit 1.81 - 2.45
Cadmium (Cd) mg/L	Blank <0.00002 Standard name C00-046-705_X_1000 Result 0.10286 Accuracy 97.1% Limit 0.0800 - 0.1200
Copper (Cu) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1048 Accuracy 95.2% Limit 0.0800 - 0.1200
Total Cyanide (CNt) mg/L	Blank <0.001 Standard name DMR-0343-CN Result 1.30 Accuracy 89.8% Limit 1.003 - 1.357
Iron (Fe) mg/L	Blank <0.01 Standard name C00-046-705_X_1000 Result 1.15 Accuracy 85% Limit 0.800 - 1.200
Total Suspended Solids mg/L	Blank <1

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

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



Quality control Report

Lab number: V-66007

Sample name: ST-EEM-2c WAL

Sampling location: TPSN65.58.10.9. W96.09.51.37.

Sampling date: July 23, 2017

Sampling hour: 10:00

Parameter	
	Standard name STD-MES 25mg/L
	Result 26
	Accuracy 96%
	Limit 19 - 31
Mercury (Hg) mg/L	Blank <0.00001
	Standard name DMR-0343-2017-HgEu
	Result 0.00055
	Accuracy 78.6%
	Limit 0.00042 - 0.00098
Molybdenum (Mo) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0975
	Accuracy 97.5%
	Limit 0.0800 - 0.1200
Ammonia NH3 (non-ionized) mg	Blank <0.01
Nickel (Ni) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1046
	Accuracy 95.4%
	Limit 0.0800 - 0.1200
Nitrate (NO3) mg N/L	Blank <0.01
Lead (Pb) mg/L	Blank <0.0003
	Standard name C00-046-705_X_1000
	Result 0.0934
	Accuracy 93.4%
	Limit 0.0800 - 0.1200
Selenium (Se) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.101
	Accuracy 99%
	Limit 0.0800 - 0.1200
Zinc (Zn) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.112
	Accuracy 88%
	Limit 0.0800 - 0.1200

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

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



Additional information

Lab number: V-66007

Sample name: ST-EEM-2c WAL

Sampling location: TPSN65.58.10.9. W96.09.51.37.

Sampling date: July 23, 2017

Sampling hour: 10:00

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

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

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



Analytical Report

Company: **Agnico Eagle Division Meadowbank**

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

Lab number: V-66008

Sampling location: WALLY N 65.040.44.22. W95.57.35.1.

Sampling date: July 23, 2017

Sample name: ST-EEM-2c WAL DUP

Sampling hour: 10:00

Sampled by: Martin Theriault

Date received: July 25, 2017

Matrix: Waste Water

Drinking water distribution:

Reported on: August 17, 2017

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

Results relate only to the sample tested.

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

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



Analytical Report

Lab number: V-66008

Sample name: ST-EEM-2c WAL DUP

Sampling date: July 23, 2017

Sampling location: WALLY N 65.040.44.22. W95.57.35.1.

Sampling hour: 10:00

Parameter	Result	Method name	Analysis date
Alkalinity	49 mg CaCO ₃ /L	M-TIT-1.0	July 25, 2017
Aluminium (Al)	0.009 mg/L	Sous-traitance\Multilab Direct	August 02, 2017
Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 02, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	0.03 mg N/L	Sous-traitance\Multilab Direct	July 26, 2017
Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	August 02, 2017
Copper (Cu)	0.0009 mg/L	Sous-traitance\Multilab Direct	August 02, 2017
Total Cyanide (CNT)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 28, 2017
Hardness	19 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	August 02, 2017
Iron (Fe)	0.02 mg/L	Sous-traitance\Multilab Direct	August 02, 2017
Total Suspended Solids	<1 mg/L	M-SOLI-1.0	July 26, 2017
Mercury (Hg)	0.00001 mg/L	Sous-traitance\Multilab Direct	August 16, 2017
Molybdenum (Mo)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 02, 2017
Ammonia NH ₃ (non-ionized)	<0.01 mg N/L	Sous-traitance\Multilab Direct	July 26, 2017
Nickel (Ni)	0.0005 mg/L	Sous-traitance\Multilab Direct	August 02, 2017
Nitrate (NO ₃)	0.09 mg N/L	Sous-traitance\Multilab Direct	July 26, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	August 02, 2017
Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 02, 2017
Zinc (Zn)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 02, 2017

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-66008

Sample name: ST-EEM-2c WAL DUP

Sampling date: July 23, 2017

Sampling location: WALLY N 65.040.44.22. W95.57.35.1.

Sampling hour: 10:00

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO ₃ /L	M-TIT-1.0	
Aluminium (Al)	0.006	mg/L	Sous-traitance	
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Ammonia nitrogen (NH ₃ -NH ₄)	0.01	mg N/L	Sous-traitance	Yes
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO ₃ /L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Ammonia NH ₃ (non-ionized)	0.01	mg N/L	Sous-traitance	-
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Nitrate (NO ₃)	0.01	mg N/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes

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



Quality control Report

Lab number: V-66008

Sample name: ST-EEM-2c WAL DUP

Sampling date: July 23, 2017

Sampling location: WALLY N 65.040.44.22. W95.57.35.1.

Sampling hour: 10:00

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 147 Accuracy 98.6% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006 Standard name C00-046-705_X_1000 Result 1.20 Accuracy 80% Limit 0.800 - 1.200
Arsenic (As) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0974 Accuracy 97.4% Limit 0.0700 - 0.1300
Ammonia nitrogen (NH ₃ -NH ₄) m	Blank <0.01 Standard name DMR-0343-2017-NH ₃ -NH ₄ Result 2.25 Accuracy 94.4% Limit 1.81 - 2.45
Cadmium (Cd) mg/L	Blank <0.00002 Standard name C00-046-705_X_1000 Result 0.10286 Accuracy 97.1% Limit 0.0800 - 0.1200
Copper (Cu) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1048 Accuracy 95.2% Limit 0.0800 - 0.1200
Total Cyanide (CNt) mg/L	Blank <0.001 Standard name DMR-0343-CN Result 1.30 Accuracy 89.8% Limit 1.003 - 1.357
Iron (Fe) mg/L	Blank <0.01 Standard name C00-046-705_X_1000 Result 1.15 Accuracy 85% Limit 0.800 - 1.200
Total Suspended Solids mg/L	Blank <1

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

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



Quality control Report

Lab number: V-66008

Sample name: ST-EEM-2c WAL DUP

Sampling date: July 23, 2017

Sampling location: WALLY N 65.040.44.22. W95.57.35.1.

Sampling hour: 10:00

Parameter	
	Standard name STD-MES 25mg/L
	Result 26
	Accuracy 96%
	Limit 19 - 31
Mercury (Hg) mg/L	Blank <0.00001
	Standard name DMR-0343-2017-HgEu
	Result 0.00055
	Accuracy 78.6%
	Limit 0.00042 - 0.00098
Molybdenum (Mo) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0975
	Accuracy 97.5%
	Limit 0.0800 - 0.1200
Ammonia NH3 (non-ionized) mg	Blank <0.01
Nickel (Ni) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1046
	Accuracy 95.4%
	Limit 0.0800 - 0.1200
Nitrate (NO3) mg N/L	Blank <0.01
Lead (Pb) mg/L	Blank <0.0003
	Standard name C00-046-705_X_1000
	Result 0.0934
	Accuracy 93.4%
	Limit 0.0800 - 0.1200
Selenium (Se) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.101
	Accuracy 99%
	Limit 0.0800 - 0.1200
Zinc (Zn) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.112
	Accuracy 88%
	Limit 0.0800 - 0.1200

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

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



Additional information

Lab number: V-66008

Sample name: ST-EEM-2c WAL DUP

Sampling location: WALLY N 65.040.44.22. W95.57.35.1.

Sampling date: July 23, 2017

Sampling hour: 10:00

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

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

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



Analytical Report

Company: **Agnico Eagle Division Meadowbank**

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

Lab number: V-66009

Sampling location: WALLY N 65.04.44.22. W95.57.35.1

Sampling date: July 23, 2017

Sample name: ST-EEM-2c WAL FB

Sampling hour: 10:00

Sampled by: Martin Theriault

Date received: July 25, 2017

Matrix: Waste Water

Drinking water distribution:

Reported on: August 17, 2017

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

Results relate only to the sample tested.

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

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



Analytical Report

Lab number: V-66009

Sample name: ST-EEM-2c WAL FB

Sampling date: July 23, 2017

Sampling location: WALLY N 65.04.44.22. W95.57.35.1

Sampling hour: 10:00

Parameter	Result	Method name	Analysis date
Alkalinity	10 mg CaCO ₃ /L	M-TIT-1.0	July 25, 2017
Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	August 02, 2017
Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 02, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	0.01 mg N/L	Sous-traitance\Multilab Direct	July 26, 2017
Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	August 02, 2017
Copper (Cu)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 02, 2017
Total Cyanide (CNT)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 28, 2017
Hardness	<1 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	August 02, 2017
Iron (Fe)	<0.01 mg/L	Sous-traitance\Multilab Direct	August 02, 2017
Total Suspended Solids	<1 mg/L	M-SOLI-1.0	July 26, 2017
Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	August 16, 2017
Molybdenum (Mo)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 02, 2017
Ammonia NH ₃ (non-ionized)	<0.01 mg N/L	Sous-traitance\Multilab Direct	July 26, 2017
Nickel (Ni)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 02, 2017
Nitrate (NO ₃)	<0.01 mg N/L	Sous-traitance\Multilab Direct	July 26, 2017
Lead (Pb)	0.0007 mg/L	Sous-traitance\Multilab Direct	August 02, 2017
Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 02, 2017
Zinc (Zn)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 02, 2017

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

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



Detection limit

Lab number: V-66009

Sample name: ST-EEM-2c WAL FB

Sampling date: July 23, 2017

Sampling location: WALLY N 65.04.44.22. W95.57.35.1

Sampling hour: 10:00

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO ₃ /L	M-TIT-1.0	
Aluminium (Al)	0.006	mg/L	Sous-traitance	
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Ammonia nitrogen (NH ₃ -NH ₄)	0.01	mg N/L	Sous-traitance	Yes
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO ₃ /L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Ammonia NH ₃ (non-ionized)	0.01	mg N/L	Sous-traitance	-
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Nitrate (NO ₃)	0.01	mg N/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes

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



Quality control Report

Lab number: V-66009

Sample name: ST-EEM-2c WAL FB

Sampling date: July 23, 2017

Sampling location: WALLY N 65.04.44.22. W95.57.35.1

Sampling hour: 10:00

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 147 Accuracy 98.6% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006 Standard name C00-046-705_X_1000 Result 1.20 Accuracy 80% Limit 0.800 - 1.200
Arsenic (As) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0974 Accuracy 97.4% Limit 0.0700 - 0.1300
Ammonia nitrogen (NH ₃ -NH ₄) m	Blank <0.01 Standard name DMR-0343-2017-NH ₃ -NH ₄ Result 2.25 Accuracy 94.4% Limit 1.81 - 2.45
Cadmium (Cd) mg/L	Blank <0.00002 Standard name C00-046-705_X_1000 Result 0.10286 Accuracy 97.1% Limit 0.0800 - 0.1200
Copper (Cu) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1048 Accuracy 95.2% Limit 0.0800 - 0.1200
Total Cyanide (CNt) mg/L	Blank <0.001 Standard name DMR-0343-CN Result 1.30 Accuracy 89.8% Limit 1.003 - 1.357
Iron (Fe) mg/L	Blank <0.01 Standard name C00-046-705_X_1000 Result 1.15 Accuracy 85% Limit 0.800 - 1.200
Total Suspended Solids mg/L	Blank <1

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

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



Quality control Report

Lab number: V-66009

Sample name: ST-EEM-2c WAL FB

Sampling date: July 23, 2017

Sampling location: WALLY N 65.04.44.22. W95.57.35.1

Sampling hour: 10:00

Parameter	
	Standard name STD-MES 25mg/L
	Result 26
	Accuracy 96%
	Limit 19 - 31
Mercury (Hg) mg/L	Blank <0.00001
	Standard name DMR-0343-2017-HgEu
	Result 0.00055
	Accuracy 78.6%
	Limit 0.00042 - 0.00098
Molybdenum (Mo) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0975
	Accuracy 97.5%
	Limit 0.0800 - 0.1200
Ammonia NH3 (non-ionized) mg	Blank <0.01
Nickel (Ni) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1046
	Accuracy 95.4%
	Limit 0.0800 - 0.1200
Nitrate (NO3) mg N/L	Blank <0.01
Lead (Pb) mg/L	Blank <0.0003
	Standard name C00-046-705_X_1000
	Result 0.0934
	Accuracy 93.4%
	Limit 0.0800 - 0.1200
Selenium (Se) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.101
	Accuracy 99%
	Limit 0.0800 - 0.1200
Zinc (Zn) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.112
	Accuracy 88%
	Limit 0.0800 - 0.1200

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

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



Additional information

Lab number: V-66009

Sample name: ST-EEM-2c WAL FB

Sampling location: WALLY N 65.04.44.22. W95.57.35.1

Sampling date: July 23, 2017

Sampling hour: 10:00

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

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

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



Analytical Report

Company: **Agnico Eagle Division Meadowbank**

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

Lab number: V-66010

Sampling location: TPS N65.58.10.9 W96.09.51.37.

Sampling date: July 23, 2017

Sample name: ST-EEM-2c TPS

Sampling hour: 12:00

Sampled by: Martin Theriault

Date received: July 25, 2017

Matrix: Waste Water

Drinking water distribution:

Reported on: August 17, 2017

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

Results relate only to the sample tested.

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

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



Analytical Report

Lab number: V-66010

Sample name: ST-EEM-2c TPS

Sampling date: July 23, 2017

Sampling location: TPS N65.58.10.9 W96.09.51.37.

Sampling hour: 12:00

Parameter	Result	Method name	Analysis date
Alkalinity	16 mg CaCO ₃ /L	M-TIT-1.0	July 25, 2017
Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	August 02, 2017
Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 02, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	0.01 mg N/L	Sous-traitance\Multilab Direct	July 26, 2017
Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	August 02, 2017
Copper (Cu)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 02, 2017
Total Cyanide (CNT)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 28, 2017
Hardness	7 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	August 02, 2017
Iron (Fe)	<0.01 mg/L	Sous-traitance\Multilab Direct	August 02, 2017
Total Suspended Solids	1 mg/L	M-SOLI-1.0	July 26, 2017
Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	August 16, 2017
Molybdenum (Mo)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 02, 2017
Ammonia NH ₃ (non-ionized)	<0.01 mg N/L	Sous-traitance\Multilab Direct	July 26, 2017
Nickel (Ni)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 02, 2017
Nitrate (NO ₃)	0.03 mg N/L	Sous-traitance\Multilab Direct	July 26, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	August 02, 2017
Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 02, 2017
Zinc (Zn)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 02, 2017

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

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



Detection limit

Lab number: V-66010

Sample name: ST-EEM-2c TPS

Sampling date: July 23, 2017

Sampling location: TPS N65.58.10.9 W96.09.51.37.

Sampling hour: 12:00

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO ₃ /L	M-TIT-1.0	
Aluminium (Al)	0.006	mg/L	Sous-traitance	
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Ammonia nitrogen (NH ₃ -NH ₄)	0.01	mg N/L	Sous-traitance	Yes
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO ₃ /L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Ammonia NH ₃ (non-ionized)	0.01	mg N/L	Sous-traitance	-
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Nitrate (NO ₃)	0.01	mg N/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes

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



Quality control Report

Lab number: V-66010

Sample name: ST-EEM-2c TPS

Sampling date: July 23, 2017

Sampling location: TPS N65.58.10.9 W96.09.51.37.

Sampling hour: 12:00

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 147 Accuracy 98.6% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006 Standard name C00-046-705_X_1000 Result 1.20 Accuracy 80% Limit 0.800 - 1.200
Arsenic (As) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0974 Accuracy 97.4% Limit 0.0700 - 0.1300
Ammonia nitrogen (NH ₃ -NH ₄) m	Blank <0.01 Standard name DMR-0343-2017-NH ₃ -NH ₄ Result 2.25 Accuracy 94.4% Limit 1.81 - 2.45
Cadmium (Cd) mg/L	Blank <0.00002 Standard name C00-046-705_X_1000 Result 0.10286 Accuracy 97.1% Limit 0.0800 - 0.1200
Copper (Cu) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1048 Accuracy 95.2% Limit 0.0800 - 0.1200
Total Cyanide (CNt) mg/L	Blank <0.001 Standard name DMR-0343-CN Result 1.30 Accuracy 89.8% Limit 1.003 - 1.357
Iron (Fe) mg/L	Blank <0.01 Standard name C00-046-705_X_1000 Result 1.15 Accuracy 85% Limit 0.800 - 1.200
Total Suspended Solids mg/L	Blank <1

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

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



Quality control Report

Lab number: V-66010

Sample name: ST-EEM-2c TPS

Sampling location: TPS N65.58.10.9 W96.09.51.37.

Sampling date: July 23, 2017

Sampling hour: 12:00

Parameter	
	Standard name STD-MES 25mg/L
	Result 26
	Accuracy 96%
	Limit 19 - 31
Mercury (Hg) mg/L	Blank <0.00001
	Standard name DMR-0343-2017-HgEu
	Result 0.00055
	Accuracy 78.6%
	Limit 0.00042 - 0.00098
Molybdenum (Mo) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0975
	Accuracy 97.5%
	Limit 0.0800 - 0.1200
Ammonia NH3 (non-ionized) mg	Blank <0.01
Nickel (Ni) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1046
	Accuracy 95.4%
	Limit 0.0800 - 0.1200
Nitrate (NO3) mg N/L	Blank <0.01
Lead (Pb) mg/L	Blank <0.0003
	Standard name C00-046-705_X_1000
	Result 0.0934
	Accuracy 93.4%
	Limit 0.0800 - 0.1200
Selenium (Se) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.101
	Accuracy 99%
	Limit 0.0800 - 0.1200
Zinc (Zn) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.112
	Accuracy 88%
	Limit 0.0800 - 0.1200

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

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



Additional information

Lab number: V-66010

Sample name: ST-EEM-2c TPS

Sampling location: TPS N65.58.10.9 W96.09.51.37.

Sampling date: July 23, 2017

Sampling hour: 12:00

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

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

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



Analytical Report

Company: **Agnico Eagle Division Meadowbank**

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

Lab number: V-66011

Sampling location: TPS N 65.58.10.9. W 96.09.51.37.

Sampling date: July 23, 2017

Sample name: ST-EEM-2c TPS FB

Sampling hour: 12:00

Sampled by: Martin Theriault

Date received: July 25, 2017

Matrix: Waste Water

Drinking water distribution:

Reported on: August 17, 2017

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

Results relate only to the sample tested.

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

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



Analytical Report

Lab number: V-66011

Sample name: ST-EEM-2c TPS FB

Sampling date: July 23, 2017

Sampling location: TPS N 65.58.10.9. W 96.09.51.37.

Sampling hour: 12:00

Parameter	Result	Method name	Analysis date
Alkalinity	10 mg CaCO ₃ /L	M-TIT-1.0	July 25, 2017
Aluminium (Al)	0.015 mg/L	Sous-traitance\Multilab Direct	August 02, 2017
Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 02, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	0.01 mg N/L	Sous-traitance\Multilab Direct	July 26, 2017
Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	August 02, 2017
Copper (Cu)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 02, 2017
Total Cyanide (CNT)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 28, 2017
Hardness	<1 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	August 02, 2017
Iron (Fe)	<0.01 mg/L	Sous-traitance\Multilab Direct	August 02, 2017
Total Suspended Solids	<1 mg/L	M-SOLI-1.0	July 26, 2017
Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	August 16, 2017
Molybdenum (Mo)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 02, 2017
Ammonia NH ₃ (non-ionized)	<0.01 mg N/L	Sous-traitance\Multilab Direct	July 26, 2017
Nickel (Ni)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 02, 2017
Nitrate (NO ₃)	<0.01 mg N/L	Sous-traitance\Multilab Direct	July 26, 2017
Lead (Pb)	0.0011 mg/L	Sous-traitance\Multilab Direct	August 02, 2017
Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 02, 2017
Zinc (Zn)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 02, 2017

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

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



Detection limit

Lab number: V-66011

Sample name: ST-EEM-2c TPS FB

Sampling date: July 23, 2017

Sampling location: TPS N 65.58.10.9. W 96.09.51.37.

Sampling hour: 12:00

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO ₃ /L	M-TIT-1.0	
Aluminium (Al)	0.006	mg/L	Sous-traitance	
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Ammonia nitrogen (NH ₃ -NH ₄)	0.01	mg N/L	Sous-traitance	Yes
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO ₃ /L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Ammonia NH ₃ (non-ionized)	0.01	mg N/L	Sous-traitance	-
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Nitrate (NO ₃)	0.01	mg N/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes

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



Quality control Report

Lab number: V-66011

Sample name: ST-EEM-2c TPS FB

Sampling date: July 23, 2017

Sampling location: TPS N 65.58.10.9. W 96.09.51.37.

Sampling hour: 12:00

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 147 Accuracy 98.6% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006 Standard name C00-046-705_X_1000 Result 1.20 Accuracy 80% Limit 0.800 - 1.200
Arsenic (As) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0974 Accuracy 97.4% Limit 0.0700 - 0.1300
Ammonia nitrogen (NH ₃ -NH ₄) m	Blank <0.01 Standard name DMR-0343-2017-NH ₃ -NH ₄ Result 2.25 Accuracy 94.4% Limit 1.81 - 2.45
Cadmium (Cd) mg/L	Blank <0.00002 Standard name C00-046-705_X_1000 Result 0.10286 Accuracy 97.1% Limit 0.0800 - 0.1200
Copper (Cu) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1048 Accuracy 95.2% Limit 0.0800 - 0.1200
Total Cyanide (CNt) mg/L	Blank <0.001 Standard name DMR-0343-CN Result 1.30 Accuracy 89.8% Limit 1.003 - 1.357
Iron (Fe) mg/L	Blank <0.01 Standard name C00-046-705_X_1000 Result 1.15 Accuracy 85% Limit 0.800 - 1.200
Total Suspended Solids mg/L	Blank <1

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

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



Quality control Report

Lab number: V-66011

Sample name: ST-EEM-2c TPS FB

Sampling date: July 23, 2017

Sampling location: TPS N 65.58.10.9. W 96.09.51.37.

Sampling hour: 12:00

Parameter	
	Standard name STD-MES 25mg/L
	Result 26
	Accuracy 96%
	Limit 19 - 31
	Sample duplicate <1-<1
Mercury (Hg) mg/L	Blank <0.00001
	Standard name DMR-0343-2017-HgEu
	Result 0.00055
	Accuracy 78.6%
	Limit 0.00042 - 0.00098
Molybdenum (Mo) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0975
	Accuracy 97.5%
	Limit 0.0800 - 0.1200
Ammonia NH3 (non-ionized) mg	Blank <0.01
Nickel (Ni) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1046
	Accuracy 95.4%
	Limit 0.0800 - 0.1200
Nitrate (NO3) mg N/L	Blank <0.01
Lead (Pb) mg/L	Blank <0.0003
	Standard name C00-046-705_X_1000
	Result 0.0934
	Accuracy 93.4%
	Limit 0.0800 - 0.1200
Selenium (Se) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.101
	Accuracy 99%
	Limit 0.0800 - 0.1200
Zinc (Zn) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.112
	Accuracy 88%
	Limit 0.0800 - 0.1200

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

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



Additional information

Lab number: V-66011

Sample name: ST-EEM-2c TPS FB

Sampling location: TPS N 65.58.10.9. W 96.09.51.37.

Sampling date: July 23, 2017

Sampling hour: 12:00

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

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

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



Analytical Report

Company: **Agnico Eagle Division Meadowbank**

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

Lab number: V-66023

Sampling location: EEM.2B

Sampling date: July 24, 2017

Sample name: EEM.2B

Sampling hour: N/D

Sampled by: N/D

Date received: July 25, 2017

Matrix: Waste Water

Drinking water distribution:

Reported on: September 11, 2017

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

Results relate only to the sample tested.

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

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



Analytical Report

Lab number: V-66023

Sample name: EEM.2B

Sampling location: EEM.2B

Sampling date: July 24, 2017

Sampling hour: N/D

Parameter	Result	Method name	Analysis date
Lemna Minor - 7 jours	See sub file	Sous-traitance\Maxxam	July 27, 2017
Ceriodaphnia Dubia	See sub file	Sous-traitance\AGAT Saint Laurent	July 28, 2017
Fathead Minnow - 7day chronic	See sub file	Sous-traitance\AGAT Saint Laurent	July 27, 2017
Pseudok. subc.-72h (Canada)	See sub file	Sous-traitance\AGAT Saint Laurent	July 27, 2017

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

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



Additional information

Lab number: V-66023
Sample name: EEM.2B
Sampling location: EEM.2B

Sampling date: July 24, 2017
Sampling hour: N/D

Lab method	Method reference
------------	------------------

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

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



Analytical Report

Company: **Agnico Eagle Division Meadowbank**

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

Lab number: V-66023

Sampling location: EEM.2B

Sampling date: July 24, 2017

Sample name: EEM.2B

Sampling hour: N/D

Sampled by: N/D

Date received: July 25, 2017

Matrix: Waste Water

Drinking water distribution:

Reported on: September 11, 2017

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

Results relate only to the sample tested.

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

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



Analytical Report

Lab number: V-66023

Sample name: EEM.2B

Sampling location: EEM.2B

Sampling date: July 24, 2017

Sampling hour: N/D

Parameter	Result	Method name	Analysis date
Lemna Minor - 7 jours	See sub file	Sous-traitance\Maxxam	July 27, 2017
Ceriodaphnia Dubia	See sub file	Sous-traitance\AGAT Saint Laurent	July 28, 2017
Fathead Minnow - 7day chronic	See sub file	Sous-traitance\AGAT Saint Laurent	July 27, 2017
Pseudok. subc.-72h (Canada)	See sub file	Sous-traitance\AGAT Saint Laurent	July 27, 2017

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

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



Additional information

Lab number: V-66023
Sample name: EEM.2B
Sampling location: EEM.2B

Sampling date: July 24, 2017
Sampling hour: N/D

Lab method	Method reference
------------	------------------

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

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



Analytical Report

Company: **Agnico Eagle Division Meadowbank**

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

Lab number: V-66014

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

Sampling date: July 24, 2017

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

Sampling hour: 08:00

Sampled by: Martin Theriault

Date received: July 25, 2017

Matrix: Water

Drinking water distribution: **Vault**

Reported on: September 13, 2017

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

Results relate only to the sample tested.

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

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



Analytical Report

Lab number: V-66014

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

Sampling date: July 24, 2017

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

Sampling hour: 08:00

Parameter	Result	Method name	Analysis date
Alkalinity	10 mg CaCO ₃ /L	M-TIT-1.0	July 25, 2017
Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Antimony (Sb)	<0.0001 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Antimony (Sb)	<0.0001 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Arsenic (As)	0.0022 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	0.01 mg N/L	Sous-traitance\Multilab Direct	July 26, 2017
Kjeldahl nitrogen	<0.05 mg N/L	Sous-traitance\Multilab Direct	August 01, 2017
Barium (Ba)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Barium (Ba)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
bicarbonate (HCO ₃)	10 mg CaCO ₃ /L	M-TIT-1.0	July 25, 2017
Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Calcium (Ca)	<0.03 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Carbonate (CO ₃)	<2 mg CaCO ₃ /L	M-TIT-1.0	July 25, 2017
Dissolved Organic Carbon (D.O.C.)	0.3 mg/L	M-COT-1.0	July 25, 2017
Total Organic Carbon (T.O.C.)	0.5 mg/L	M-COT-1.0	July 25, 2017
Chloride	<0.5 mg/L	Sous-traitance\Multilab Direct	July 26, 2017
Chrome (Cr)	0.0011 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Chromium (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Copper (Cu)	0.0063 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Copper (Cu)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Total Cyanide (CNT)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 28, 2017
Hardness	<1 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	July 31, 2017
Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
dissolved Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Iron (Fe)	<0.01 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Iron (Fe)	<0.01 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	September 12, 2017
Dissolved Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	August 11, 2017
Total Suspended Solids	1 mg/L	M-SOLI-1.0	July 26, 2017
Magnesium (Mg)	<0.02 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Manganese (Mn)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Manganese (Mn)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	August 16, 2017

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

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



Analytical Report

Lab number: V-66014

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

Sampling date: July 24, 2017

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

Sampling hour: 08:00

Parameter	Result	Method name	Analysis date
Dissolved Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	August 17, 2017
Molybdenum (Mo)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Molybdenum (Mo)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Ammonia NH3 (non-ionized)	<0.01 mg N/L	Sous-traitance\Multilab Direct	July 26, 2017
Nickel (Ni)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Nickel (Ni)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Nitrate (NO3)	<0.01 mg N/L	Sous-traitance\Multilab Direct	July 26, 2017
Nitrite (NO2)	<0.01 mg N/L	Sous-traitance\Multilab Direct	July 26, 2017
Ortho-Phosphate (O-PO4)	<0.01 mg P/L	Sous-traitance\Multilab Direct	July 26, 2017
Total Phosphorus (P)	0.02 mg P/L	Sous-traitance\Multilab Direct	July 27, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Potassium (K)	<0.05 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Radium (Ra 226)	<0.002 Becquerels/L	M-RA-2.0	August 07, 2017
Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Reactive silica (SiO2)	0.11 mg/L	Sous-traitance\Maxxam	August 01, 2017
Sodium (Na)	<0.05 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Solids	<1 mg/L	M-TIT-1.0	July 25, 2017
Strontium (Sr)	<0.005 mg/L	Sous-traitance\Multilab Direct	September 12, 2017
dissolved Strontium (Sr)	<0.005 mg/L	Sous-traitance\Multilab Direct	August 11, 2017
Sulfate (SO4)	0.9 mg SO4/L	Sous-traitance\Multilab Direct	July 27, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	September 12, 2017
Dissolved thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	August 11, 2017
Titanium (Ti)	<0.01 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved titanium (Ti)	<0.01 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Uranium (U)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Uranium (U)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Vanadium (V)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Vanadium	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Zinc (Zn)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Zinc	<0.001 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Hydrocarbons (C10-C50)	<0.3 mg/L	Sous-traitance\Environex	July 26, 2017

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-66014

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

Sampling date: July 24, 2017

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

Sampling hour: 08:00

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO ₃ /L	M-TIT-1.0	
Aluminium (Al)	0.003	mg/L	Sous-traitance	
Dissolved Aluminium (Al)	0.003	mg/L	Sous-traitance	
Antimony (Sb)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Antimony (Sb)	0.0001	mg/L	Sous-traitance	
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Arsenic (As)	0.0005	mg/L	Sous-traitance	
Ammonia nitrogen (NH ₃ -NH ₄)	0.01	mg N/L	Sous-traitance	Yes
Kjeldahl nitrogen	0.05	mg N/L	Sous-traitance	Yes
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Barium (Ba)	0.0005	mg/L	Sous-traitance	
Beryllium (Be)	0.0005	mg/L	Sous-traitance	
Dissolved Beryllium (Be)	0.0005	mg/L	Sous-traitance	
bicarbonate (HCO ₃)	2	mg CaCO ₃ /L	M-TIT-1.0	
Boron (B)	0.01	mg/L	Sous-traitance	Yes
Dissolved Boron (B)	0.01	mg/L	Sous-traitance	
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Dissolved Cadmium (Cd)	0.00002	mg/L	Sous-traitance	
Calcium (Ca)	0.03	mg/L	Sous-traitance	Yes
Carbonate (CO ₃)	2	mg CaCO ₃ /L	M-TIT-1.0	
Dissolved Organic Carbon (D.O.C.)	0.2	mg/L	M-COT-1.0	--
Total Organic Carbon (T.O.C.)	0.2	mg/L	M-COT-1.0	Yes
Chloride	0.5	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Dissolved Chromium (Cr)	0.0006	mg/L	Sous-traitance	
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Copper (Cu)	0.0005	mg/L	Sous-traitance	
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO ₃ /L	Sous-traitance	
Tin (Sn)	0.001	mg/L	Sous-traitance	Yes
dissolved Tin (Sn)	0.001	mg/L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes
Dissolved Iron (Fe)	0.01	mg/L	Sous-traitance	
Lithium (Li)	0.005	mg/L	Sous-traitance	
Dissolved Lithium (Li)	0.005	mg/L	Sous-traitance	
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Magnesium (Mg)	0.02	mg/L	Sous-traitance	Yes
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Manganese (Mn)	0.0005	mg/L	Sous-traitance	
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes

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

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



Detection limit

Lab number: V-66014

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

Sampling date: July 24, 2017

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

Sampling hour: 08:00

Parameter	Value	Unit	Method	Accreditation
Dissolved Mercury (Hg)	0.00001	mg/L	Sous-traitance	
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	
Ammonia NH3 (non-ionized)	0.01	mg N/L	Sous-traitance	-
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Nickel (Ni)	0.0005	mg/L	Sous-traitance	
Nitrate (NO3)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO2)	0.01	mg N/L	Sous-traitance	Yes
Ortho-Phosphate (O-PO4)	0.01	mg P/L	Sous-traitance	Yes
Total Phosphorus (P)	0.01	mg P/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Dissolved Lead (Pb)	0.0003	mg/L	Sous-traitance	
Potassium (K)	0.05	mg/L	Sous-traitance	
Radium (Ra 226)	0.002	Becquerels/L	M-RA-2.0	Yes
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Dissolved Selenium (Se)	0.001	mg/L	Sous-traitance	
Reactive silica (SiO2)		mg/L	Sous-traitance	
Sodium (Na)	0.05	mg/L	Sous-traitance	Yes
Dissolved Solids	1	mg/L	M-TIT-1.0	
Strontium (Sr)	0.005	mg/L	Sous-traitance	
dissolved Strontium (Sr)	0.005	mg/L	Sous-traitance	
Sulfate (SO4)	0.6	mg SO4/L	Sous-traitance	Yes
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Dissolved thallium (Tl)	0.0008	mg/L	Sous-traitance	
Titanium (Ti)	0.01	mg/L	Sous-traitance	
Dissolved titanium (Ti)	0.01	mg/L	Sous-traitance	
Uranium (U)	0.001	mg/L	Sous-traitance	
Dissolved Uranium (U)	0.001	mg/L	Sous-traitance	
Vanadium (V)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Vanadium	0.0005	mg/L	Sous-traitance	
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes
Dissolved Zinc	0.001	mg/L	Sous-traitance	
Hydrocarbons (C10-C50)	0.3	mg/L	Sous-traitance	

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

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



Quality control Report

Lab number: V-66014

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

Sampling date: July 24, 2017

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

Sampling hour: 08:00

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 147 Accuracy 98.6% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006 Standard name C00-046-705_X_1000 Result 1.09 Accuracy 91% Limit 0.800 - 1.200
Dissolved Aluminium (Al) mg/L	Blank <0.006 Standard name DMR-0219-2017-Eu Result 7.29 Accuracy 83.7% Limit 5.02 - 7.52
Antimony (Sb) mg/L	Blank <0.0001 Standard name C00-046-705_X_1000 Result 0.0102 Accuracy 98% Limit 0.0080 - 0.0120
Dissolved Antimony (Sb) mg/L	Blank <0.0001 Standard name DMR-0219-2017-Eu Result 0.1825 Accuracy 82.2% Limit 0.178 - 0.266
Arsenic (As) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0967 Accuracy 96.7% Limit 0.0700 - 0.1300
Dissolved Arsenic (As) mg/L	Blank <0.0005 Standard name DMR-0219-2017-Eu Result 0.3349 Accuracy 82.1% Limit 0.199 - 0.369
Ammonia nitrogen (NH ₃ -NH ₄) m	Blank <0.01 Standard name DMR-0343-2017-NH ₃ -NH ₄ Result 2.25 Accuracy 94.4% Limit 1.81 - 2.45
Kjeldahl nitrogen mg N/L	Blank <0.05

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-66014

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

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

Sampling date: July 24, 2017

Sampling hour: 08:00

Parameter	
	Standard name DMR-0343-2017-NTK
	Result 5.77
	Accuracy 98.2%
	Limit 4.82 - 6.52
Barium (Ba) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1027
	Accuracy 97.3%
	Limit 0.0800 - 0.1200
Dissolved Barium (Ba) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 2.583
	Accuracy 93.7%
	Limit 1.94 - 2.92
Beryllium (Be) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1110
	Accuracy 89%
	Limit 0.0800 - 0.1200
Dissolved Beryllium (Be) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.998
	Accuracy 82.5%
	Limit 1.36 - 2.04
Boron (B) mg/L	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.12
	Accuracy 88%
	Limit 0.800 - 1.200
Dissolved Boron (B) mg/L	Blank <0.01
	Standard name DMR-0219-2017-Eu
	Result 3.31
	Accuracy 85.1%
	Limit 2.30 - 3.46
Cadmium (Cd) mg/L	Blank <0.00002
	Standard name C00-046-705_X_1000
	Result 0.10512
	Accuracy 94.9%
	Limit 0.0800 - 0.1200
Dissolved Cadmium (Cd) mg/L	Blank <0.00002

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

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



Quality control Report

Lab number: V-66014

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

Sampling date: July 24, 2017

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

Sampling hour: 08:00

Parameter	
	Standard name DMR-0219-2017-Eu
	Result 1.0034
	Accuracy 88.6%
	Limit 0.721 - 1.081
Calcium (Ca) mg/L	Blank <0.03
	Standard name C00-046-705_X_1000
	Result 1.01
	Accuracy 99%
	Limit 0.800 - 1.200
Dissolved Organic Carbon (D.O.C.) mg/L	Blank <0.2
	Standard name COD 10mg/L
	Result 11
	Accuracy 90%
	Limit 8 - 12
Total Organic Carbon (T.O.C.) mg/L	Blank <0.2
	Standard name COT 10mg/L
	Result 11
	Accuracy 90%
	Limit 8 - 12
Chloride mg/L	Blank <0.5
	Standard name DMR-0343-2017-Cl
	Result 107
	Accuracy 99.1%
	Limit 95 - 121
	Sample duplicate <0.5-<0.5
Chrome (Cr) mg/L	Blank <0.0006
	Standard name C00-046-705_X_1000
	Result 0.1017
	Accuracy 98.3%
	Limit 0.0800 - 0.1200
Dissolved Chromium (Cr) mg/L	Blank <0.0006
	Standard name DMR-0219-2017-Eu
	Result 4.467
	Accuracy 89.7%
	Limit 3.24 - 4.86
Copper (Cu) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1046
	Accuracy 95.4%
	Limit 0.0800 - 0.1200

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-66014

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

Sampling date: July 24, 2017

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

Sampling hour: 08:00

Parameter	
Dissolved Copper (Cu) mg/L	Blank <0.0005 Standard name DMR-0219-2017-Eu Result 1.474 Accuracy 84.8% Limit 1.02 - 1.54
Total Cyanide (CNT) mg/L	Blank <0.001 Standard name DMR-0343-CN Result 1.30 Accuracy 89.8% Limit 1.003 - 1.357
Tin (Sn) mg/L	Blank <0.001 Standard name C00-046-705_X_1000 Result 0.092 Accuracy 92% Limit 0.0800 - 0.1200
dissolved Tin (Sn) mg/L	Blank <0.001
Iron (Fe) mg/L	Blank <0.01 Standard name C00-046-705_X_1000 Result 1.17 Accuracy 83% Limit 0.800 - 1.200
Dissolved Iron (Fe) mg/L	Blank <0.01 Standard name DMR-0219-2017-Eu Result 9.49 Accuracy 83.2% Limit 9.1 - 13.7
Lithium (Li) mg/L	Blank <0.005 Standard name DMR-0219-2017-Eu Result 0.799 Accuracy 94.4% Limit 0.677 - 1.015
Dissolved Lithium (Li) mg/L	Blank <0.005 Standard name DMR-0219-2017-Eu Result 0.848 Accuracy 99.8% Limit 0.677 - 1.015
Total Suspended Solids mg/L	Blank <1 Standard name STD-MES 25mg/L Result 26 Accuracy 96%

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-66014

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

Sampling date: July 24, 2017

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

Sampling hour: 08:00

Parameter	
Magnesium (Mg) mg/L	Limit 19 - 31
	Blank <0.02
	Standard name C00-046-705_X_1000
	Result 1.07
	Accuracy 93%
Manganese (Mn) mg/L	Limit 0.800 - 1.200
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1016
	Accuracy 98.4%
Dissolved Manganese (Mn) mg/L	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 4.237
	Accuracy 91.4%
Mercury (Hg) mg/L	Limit 3.12 - 4.68
	Blank <0.00001
	Standard name DMR-0343-2017-HgEu
	Result 0.00055
	Accuracy 78.6%
Dissolved Mercury (Hg) mg/L	Limit 0.00042 - 0.00098
	Blank <0.00001
	Standard name DMR-0343-2017-HgEu
	Result 0.00050
	Accuracy 71.4%
Molybdenum (Mo) mg/L	Limit 0.00042 - 0.00098
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0988
	Accuracy 98.8%
Dissolved Molybdenum (Mo) mg/L	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 0.6620
	Accuracy 93.5%
Ammonia NH3 (non-ionized) mg	Limit 0.566 - 0.850
	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 0.1045
Nickel (Ni) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1045

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-66014

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

Sampling date: July 24, 2017

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

Sampling hour: 08:00

Parameter	
Dissolved Nickel (Ni) mg/L	Accuracy 95.5%
	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.242
Nitrate (NO ₃) mg N/L	Accuracy 91.1%
	Limit 0.91 - 1.37
	Blank <0.01
	Sample duplicate <0.01-<0.01
Nitrite (NO ₂) mg N/L	Blank <0.01
	Standard name DMR-0343-2017-NO ₂
	Result 2.67
	Accuracy 98.5%
Ortho-Phosphate (O-PO ₄) mg P/	Limit 2.30 - 3.12
	Sample duplicate <0.01-<0.01
	Blank <0.01
	Standard name DMR-0343-2017-OPO ₄
Total Phosphorus (P) mg P/L	Result 3.04
	Accuracy 95.3%
	Limit 2.81 - 3.57
	Blank <0.01
Lead (Pb) mg/L	Standard name DMR-0343-2017-Ptotal
	Result 1.16
	Accuracy 98.2%
	Limit 1.00 - 1.28
Dissolved Lead (Pb) mg/L	Blank <0.0003
	Standard name C00-046-705_X_1000
	Result 0.0898
	Accuracy 89.8%
Potassium (K) mg/L	Limit 0.0800 - 0.1200
	Blank <0.0003
	Standard name DMR-0219-2017-Eu
	Result 0.8908
	Accuracy 98.6%
	Limit 0.722 - 1.084
	Blank <0.05
	Standard name C00-046-705_X_1000
	Result 0.95
	Accuracy 95%
	Limit 0.800 - 1.200

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-66014

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

Sampling date: July 24, 2017

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

Sampling hour: 08:00

Parameter

Radium (Ra 226) Becquerels/L	Blank <0.002
	Standard name STD 54981
	Result 0.0720
	Accuracy 87.6%
	Limit 0.0699 - 0.0945
Selenium (Se) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.102
	Accuracy 98%
	Limit 0.0800 - 0.1200
Dissolved Selenium (Se) mg/L	Blank <0.001
	Standard name DMR-0219-2017-Eu
	Result 1.55
	Accuracy 85.2%
	Limit 1.08 - 1.62
Sodium (Na) mg/L	Blank <0.05
	Standard name C00-046-705_X_1000
	Result 1.04
	Accuracy 96%
	Limit 0.800 - 1.200
Strontium (Sr) mg/L	Blank <0.005
	Standard name DMR-0219-2017-Eu
	Result 1.24
	Accuracy 99.2%
	Limit 0.98 - 1.48
dissolved Strontium (Sr) mg/L	Blank <0.005
	Standard name DMR-0219-2017-Eu
	Result 1.31
	Accuracy 93.5%
	Limit 0.98 - 1.48
Sulfate (SO4) mg SO4/L	Blank <0.6
	Standard name DMR-0343-2017-SO4
	Result 117
	Accuracy 95.1%
	Limit 114 - 132
Thallium (Tl) mg/L	Blank <0.0008
	Standard name Tl-S140909023-1000ppm
	Result 923
	Accuracy 92.3%
	Limit 800 - 1200

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-66014

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

Sampling date: July 24, 2017

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

Sampling hour: 08:00

Parameter	
Dissolved thallium (Tl) mg/L	Blank <0.0008 Standard name Tl-S140909023-1000ppm Result 822 Accuracy 82.2% Limit 800 - 1200
Titanium (Ti) mg/L	Blank <0.01
Dissolved titanium (Ti) mg/L	Blank <0.01
Uranium (U) mg/L	Blank <0.001 Standard name C00-046-705_X_1000 Result 0.100 Accuracy 100% Limit 0.0800 - 0.1200
Dissolved Uranium (U) mg/L	Blank <0.001 Standard name DMR-0219-2017-Eu Result 1.79 Accuracy 98.3% Limit 1.41 - 2.11
Vanadium (V) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1047 Accuracy 95.3% Limit 0.0800 - 0.1200
Dissolved Vanadium mg/L	Blank <0.0005 Standard name DMR-0219-2017-Eu Result 2.137 Accuracy 92.6% Limit 1.59 - 2.39
Zinc (Zn) mg/L	Blank <0.001 Standard name C00-046-705_X_1000 Result 0.106 Accuracy 94% Limit 0.0800 - 0.1200
Dissolved Zinc mg/L	Blank <0.001 Standard name DMR-0219-2017-Eu Result 5.28 Accuracy 84.2% Limit 3.65 - 5.47

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

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



Additional information

Lab number: V-66014

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

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

Sampling date: July 24, 2017

Sampling hour: 08:00

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-NH3-2.0	MA.300-N 2.0
M-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.

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



Analytical Report

Company: **Agnico Eagle Division Meadowbank**

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

Lab number: V-66013

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

Sampling date: July 24, 2017

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

Sampling hour: 08:00

Sampled by: Martin Theriault

Date received: July 25, 2017

Matrix: Water

Drinking water distribution: **Vault**

Reported on: August 21, 2017

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

Results relate only to the sample tested.

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

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-66013

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

Sampling date: July 24, 2017

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

Sampling hour: 08:00

Parameter	Result	Method name	Analysis date
Alkalinity	53 mg CaCO ₃ /L	M-TIT-1.0	July 25, 2017
Aluminium (Al)	0.081 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Aluminium (Al)	0.018 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Antimony (Sb)	0.0012 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Antimony (Sb)	0.0012 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Arsenic (As)	0.0010 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	1.04 mg N/L	Sous-traitance\Multilab Direct	July 26, 2017
Kjeldahl nitrogen	1.10 mg N/L	Sous-traitance\Multilab Direct	August 01, 2017
Barium (Ba)	0.0197 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Barium (Ba)	0.0168 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
bicarbonate (HCO ₃)	53 mg CaCO ₃ /L	M-TIT-1.0	July 25, 2017
Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Cadmium (Cd)	0.00006 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Cadmium (Cd)	0.00003 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Calcium (Ca)	22.8 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Carbonate (CO ₃)	<2 mg CaCO ₃ /L	M-TIT-1.0	July 25, 2017
Dissolved Organic Carbon (D.O.C.)	5.1 mg/L	M-COT-1.0	July 25, 2017
Total Organic Carbon (T.O.C.)	5.1 mg/L	M-COT-1.0	July 25, 2017
Chloride	6.2 mg/L	Sous-traitance\Multilab Direct	July 26, 2017
Chrome (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Chromium (Cr)	0.0006 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Copper (Cu)	0.0030 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Copper (Cu)	0.0027 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Total Cyanide (CNT)	0.001 mg/L	Sous-traitance\Multilab Direct	July 28, 2017
Hardness	80 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	July 31, 2017
Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
dissolved Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Iron (Fe)	0.19 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Iron (Fe)	0.04 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	August 11, 2017
Dissolved Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	August 11, 2017
Total Suspended Solids	2 mg/L	M-SOLI-1.0	July 26, 2017
Magnesium (Mg)	5.70 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Manganese (Mn)	0.0557 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Manganese (Mn)	0.0496 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	August 16, 2017

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

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



Analytical Report

Lab number: V-66013

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

Sampling date: July 24, 2017

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

Sampling hour: 08:00

Parameter	Result	Method name	Analysis date
Dissolved Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	August 17, 2017
Molybdenum (Mo)	0.0103 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Molybdenum (Mo)	0.0099 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Ammonia NH3 (non-ionized)	0.01 mg N/L	Sous-traitance\Multilab Direct	July 26, 2017
Nickel (Ni)	0.0051 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Nickel (Ni)	0.0047 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Nitrate (NO3)	2.86 mg N/L	Sous-traitance\Multilab Direct	July 26, 2017
Nitrite (NO2)	0.04 mg N/L	Sous-traitance\Multilab Direct	July 26, 2017
Ortho-Phosphate (O-PO4)	<0.01 mg P/L	Sous-traitance\Multilab Direct	July 26, 2017
Total Phosphorus (P)	0.02 mg P/L	Sous-traitance\Multilab Direct	July 27, 2017
Lead (Pb)	0.0038 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Potassium (K)	3.02 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Radium (Ra 226)	<0.002 Becquerels/L	M-RA-2.0	August 07, 2017
Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Reactive silica (SiO2)	1.5 mg/L	Sous-traitance\Maxxam	August 01, 2017
Sodium (Na)	3.02 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Solids	141 mg/L	M-TIT-1.0	July 25, 2017
Strontium (Sr)	0.114 mg/L	Sous-traitance\Multilab Direct	August 11, 2017
dissolved Strontium (Sr)	0.134 mg/L	Sous-traitance\Multilab Direct	August 11, 2017
Sulfate (SO4)	40.8 mg SO4/L	Sous-traitance\Multilab Direct	July 27, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	August 11, 2017
Dissolved thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	August 11, 2017
Titanium (Ti)	0.02 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved titanium (Ti)	0.02 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Uranium (U)	0.002 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Uranium (U)	0.002 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Vanadium (V)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Vanadium	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Zinc (Zn)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Zinc	<0.001 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Hydrocarbons (C10-C50)	<0.3 mg/L	Sous-traitance\Environex	July 26, 2017

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-66013

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

Sampling date: July 24, 2017

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

Sampling hour: 08:00

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

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-66013

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

Sampling date: July 24, 2017

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

Sampling hour: 08:00

Parameter	Value	Unit	Method	Accreditation
Dissolved Mercury (Hg)	0.00001	mg/L	Sous-traitance	
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	
Ammonia NH3 (non-ionized)	0.01	mg N/L	Sous-traitance	-
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Nickel (Ni)	0.0005	mg/L	Sous-traitance	
Nitrate (NO3)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO2)	0.01	mg N/L	Sous-traitance	Yes
Ortho-Phosphate (O-PO4)	0.01	mg P/L	Sous-traitance	Yes
Total Phosphorus (P)	0.01	mg P/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Dissolved Lead (Pb)	0.0003	mg/L	Sous-traitance	
Potassium (K)	0.05	mg/L	Sous-traitance	
Radium (Ra 226)	0.002	Becquerels/L	M-RA-2.0	Yes
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Dissolved Selenium (Se)	0.001	mg/L	Sous-traitance	
Reactive silica (SiO2)		mg/L	Sous-traitance	
Sodium (Na)	0.05	mg/L	Sous-traitance	Yes
Dissolved Solids	1	mg/L	M-TIT-1.0	
Strontium (Sr)	0.005	mg/L	Sous-traitance	
dissolved Strontium (Sr)	0.005	mg/L	Sous-traitance	
Sulfate (SO4)	0.6	mg SO4/L	Sous-traitance	Yes
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Dissolved thallium (Tl)	0.0008	mg/L	Sous-traitance	
Titanium (Ti)	0.01	mg/L	Sous-traitance	
Dissolved titanium (Ti)	0.01	mg/L	Sous-traitance	
Uranium (U)	0.001	mg/L	Sous-traitance	
Dissolved Uranium (U)	0.001	mg/L	Sous-traitance	
Vanadium (V)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Vanadium	0.0005	mg/L	Sous-traitance	
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes
Dissolved Zinc	0.001	mg/L	Sous-traitance	
Hydrocarbons (C10-C50)		mg/L	Sous-traitance	

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

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



Quality control Report

Lab number: V-66013

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

Sampling date: July 24, 2017

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

Sampling hour: 08:00

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 147 Accuracy 98.6% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006 Standard name C00-046-705_X_1000 Result 1.09 Accuracy 91% Limit 0.800 - 1.200
Dissolved Aluminium (Al) mg/L	Blank <0.006 Standard name DMR-0219-2017-Eu Result 7.29 Accuracy 83.7% Limit 5.02 - 7.52
Antimony (Sb) mg/L	Blank <0.0001 Standard name C00-046-705_X_1000 Result 0.0102 Accuracy 98% Limit 0.0080 - 0.0120
Dissolved Antimony (Sb) mg/L	Blank <0.0001 Standard name DMR-0219-2017-Eu Result 0.1825 Accuracy 82.2% Limit 0.178 - 0.266
Arsenic (As) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0967 Accuracy 96.7% Limit 0.0700 - 0.1300
Dissolved Arsenic (As) mg/L	Blank <0.0005 Standard name DMR-0219-2017-Eu Result 0.3349 Accuracy 82.1% Limit 0.199 - 0.369
Ammonia nitrogen (NH ₃ -NH ₄) m	Blank <0.01 Standard name DMR-0343-2017-NH ₃ -NH ₄ Result 2.25 Accuracy 94.4% Limit 1.81 - 2.45
Kjeldahl nitrogen mg N/L	Blank <0.05

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

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



Quality control Report

Lab number: V-66013

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

Sampling date: July 24, 2017

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

Sampling hour: 08:00

Parameter	
	Standard name DMR-0343-2017-NTK
	Result 5.77
	Accuracy 98.2%
	Limit 4.82 - 6.52
Barium (Ba) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1027
	Accuracy 97.3%
	Limit 0.0800 - 0.1200
Dissolved Barium (Ba) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 2.583
	Accuracy 93.7%
	Limit 1.94 - 2.92
Beryllium (Be) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1110
	Accuracy 89%
	Limit 0.0800 - 0.1200
Dissolved Beryllium (Be) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.998
	Accuracy 82.5%
	Limit 1.36 - 2.04
Boron (B) mg/L	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.12
	Accuracy 88%
	Limit 0.800 - 1.200
Dissolved Boron (B) mg/L	Blank <0.01
	Standard name DMR-0219-2017-Eu
	Result 3.31
	Accuracy 85.1%
	Limit 2.30 - 3.46
Cadmium (Cd) mg/L	Blank <0.00002
	Standard name C00-046-705_X_1000
	Result 0.10512
	Accuracy 94.9%
	Limit 0.0800 - 0.1200
Dissolved Cadmium (Cd) mg/L	Blank <0.00002

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

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



Quality control Report

Lab number: V-66013

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

Sampling date: July 24, 2017

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

Sampling hour: 08:00

Parameter	
	Standard name DMR-0219-2017-Eu
	Result 1.0034
	Accuracy 88.6%
	Limit 0.721 - 1.081
Calcium (Ca) mg/L	Blank <0.03
	Standard name C00-046-705_X_1000
	Result 1.01
	Accuracy 99%
	Limit 0.800 - 1.200
Dissolved Organic Carbon (D.O.C.) mg/L	Blank <0.2
	Standard name COD 10mg/L
	Result 11
	Accuracy 90%
	Limit 8 - 12
Total Organic Carbon (T.O.C.) mg/L	Blank <0.2
	Standard name COT 10mg/L
	Result 11
	Accuracy 90%
	Limit 8 - 12
Chloride mg/L	Blank <0.5
	Standard name DMR-0343-2017-Cl
	Result 107
	Accuracy 99.1%
	Limit 95 - 121
Chrome (Cr) mg/L	Blank <0.0006
	Standard name C00-046-705_X_1000
	Result 0.1017
	Accuracy 98.3%
	Limit 0.0800 - 0.1200
Dissolved Chromium (Cr) mg/L	Blank <0.0006
	Standard name DMR-0219-2017-Eu
	Result 4.467
	Accuracy 89.7%
	Limit 3.24 - 4.86
Copper (Cu) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1046
	Accuracy 95.4%
	Limit 0.0800 - 0.1200
Dissolved Copper (Cu) mg/L	Blank <0.0005

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

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



Quality control Report

Lab number: V-66013

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

Sampling date: July 24, 2017

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

Sampling hour: 08:00

Parameter	
	Standard name DMR-0219-2017-Eu
	Result 1.474
	Accuracy 84.8%
	Limit 1.02 - 1.54
Total Cyanide (CNT) mg/L	Blank <0.001
	Standard name DMR-0343-CN
	Result 1.30
	Accuracy 89.8%
	Limit 1.003 - 1.357
Tin (Sn) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.092
	Accuracy 92%
	Limit 0.0800 - 0.1200
dissolved Tin (Sn) mg/L	Blank <0.001
Iron (Fe) mg/L	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.17
	Accuracy 83%
	Limit 0.800 - 1.200
Dissolved Iron (Fe) mg/L	Blank <0.01
	Standard name DMR-0219-2017-Eu
	Result 9.49
	Accuracy 83.2%
	Limit 9.1 - 13.7
Lithium (Li) mg/L	Blank <0.005
	Standard name DMR-0219-2017-Eu
	Result 0.780
	Accuracy 92.2%
	Limit 0.677 - 1.015
Dissolved Lithium (Li) mg/L	Blank <0.005
	Standard name DMR-0219-2017-Eu
	Result 0.848
	Accuracy 99.8%
	Limit 0.677 - 1.015
Total Suspended Solids mg/L	Blank <1
	Standard name STD-MES 25mg/L
	Result 26
	Accuracy 96%
	Limit 19 - 31

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

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



Quality control Report

Lab number: V-66013

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

Sampling date: July 24, 2017

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

Sampling hour: 08:00

Parameter	
Magnesium (Mg) mg/L	Blank <0.02 Standard name C00-046-705_X_1000 Result 1.07 Accuracy 93% Limit 0.800 - 1.200
Manganese (Mn) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1016 Accuracy 98.4% Limit 0.0800 - 0.1200
Dissolved Manganese (Mn) mg/L	Blank <0.0005 Standard name DMR-0219-2017-Eu Result 4.237 Accuracy 91.4% Limit 3.12 - 4.68
Mercury (Hg) mg/L	Blank <0.00001 Standard name DMR-0343-2017-HgEu Result 0.00055 Accuracy 78.6% Limit 0.00042 - 0.00098
Dissolved Mercury (Hg) mg/L	Blank <0.00001 Standard name DMR-0343-2017-HgEu Result 0.00050 Accuracy 71.4% Limit 0.00042 - 0.00098
Molybdenum (Mo) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0988 Accuracy 98.8% Limit 0.0800 - 0.1200
Dissolved Molybdenum (Mo) mg/L	Blank <0.0005 Standard name DMR-0219-2017-Eu Result 0.6620 Accuracy 93.5% Limit 0.566 - 0.850
Ammonia NH ₃ (non-ionized) mg	Blank <0.01
Nickel (Ni) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1045 Accuracy 95.5%

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

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



Quality control Report

Lab number: V-66013

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

Sampling date: July 24, 2017

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

Sampling hour: 08:00

Parameter	
Dissolved Nickel (Ni) mg/L	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.242
	Accuracy 91.1%
Nitrate (NO ₃) mg N/L Nitrite (NO ₂) mg N/L	Limit 0.91 - 1.37
	Blank <0.01
	Blank <0.01
	Standard name DMR-0343-2017-NO ₂
	Result 2.67
Ortho-Phosphate (O-PO ₄) mg P/ Total Phosphorus (P) mg P/L	Accuracy 98.5%
	Limit 2.30 - 3.12
	Blank <0.01
	Standard name DMR-0343-2017-OPO ₄
	Result 3.04
Lead (Pb) mg/L	Accuracy 95.3%
	Limit 2.81 - 3.57
	Blank <0.01
	Standard name DMR-0343-2017-Ptotal
	Result 1.16
Dissolved Lead (Pb) mg/L	Accuracy 98.2%
	Limit 1.00 - 1.28
	Blank <0.0003
	Standard name C00-046-705_X_1000
	Result 0.0898
Potassium (K) mg/L	Accuracy 89.8%
	Limit 0.0800 - 0.1200
	Blank <0.0003
	Standard name DMR-0219-2017-Eu
	Result 0.8908
Radium (Ra 226) Becquerels/L	Accuracy 98.6%
	Limit 0.722 - 1.084
	Blank <0.05
	Standard name C00-046-705_X_1000
	Result 0.95
	Accuracy 95%
	Limit 0.800 - 1.200
	Blank <0.002
	Standard name STD 54981
	Result 0.0720

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

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



Quality control Report

Lab number: V-66013

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

Sampling date: July 24, 2017

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

Sampling hour: 08:00

Parameter	
Selenium (Se) mg/L	Accuracy 87.6%
	Limit 0.0699 - 0.0945
	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.102
Dissolved Selenium (Se) mg/L	Accuracy 98%
	Limit 0.0800 - 0.1200
	Blank <0.001
	Standard name DMR-0219-2017-Eu
Sodium (Na) mg/L	Result 1.55
	Accuracy 85.2%
	Limit 1.08 - 1.62
	Blank <0.05
Strontium (Sr) mg/L	Standard name C00-046-705_X_1000
	Result 1.04
	Accuracy 96%
	Limit 0.800 - 1.200
dissolved Strontium (Sr) mg/L	Blank <0.005
	Standard name DMR-0219-2017-Eu
	Result 1.19
	Accuracy 96.7%
Sulfate (SO4) mg SO4/L	Limit 0.98 - 1.48
	Blank <0.005
	Standard name DMR-0219-2017-Eu
	Result 1.31
Thallium (Tl) mg/L	Accuracy 93.5%
	Limit 0.98 - 1.48
	Blank <0.6
	Standard name DMR-0343-2017-SO4
Dissolved thallium (Tl) mg/L	Result 117
	Accuracy 95.1%
	Limit 114 - 132
	Blank 0.0011
Dissolved thallium (Tl) mg/L	Standard name TI-S140909023-1000ppm
	Result 800
	Accuracy 80%
	Limit 800 - 1200
Dissolved thallium (Tl) mg/L	Blank <0.0008
	Standard name TI-S140909023-1000ppm
	Result 822

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

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



Quality control Report

Lab number: V-66013

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

Sampling date: July 24, 2017

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

Sampling hour: 08:00

Parameter	
	Accuracy 82.2%
	Limit 800 - 1200
Titanium (Ti) mg/L	Blank <0.01
Dissolved titanium (Ti) mg/L	Blank <0.01
Uranium (U) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.100
	Accuracy 100%
	Limit 0.0800 - 0.1200
Dissolved Uranium (U) mg/L	Blank <0.001
	Standard name DMR-0219-2017-Eu
	Result 1.79
	Accuracy 98.3%
	Limit 1.41 - 2.11
Vanadium (V) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1047
	Accuracy 95.3%
	Limit 0.0800 - 0.1200
Dissolved Vanadium mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 2.137
	Accuracy 92.6%
	Limit 1.59 - 2.39
Zinc (Zn) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.106
	Accuracy 94%
	Limit 0.0800 - 0.1200
Dissolved Zinc mg/L	Blank <0.001
	Standard name DMR-0219-2017-Eu
	Result 5.28
	Accuracy 84.2%
	Limit 3.65 - 5.47

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

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



Additional information

Lab number: V-66013

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

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

Sampling date: July 24, 2017

Sampling hour: 08:00

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-NH3-2.0	MA.300-N 2.0
M-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.

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



Analytical Report

Company: **Agnico Eagle Division Meadowbank**

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

Lab number: V-66012

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

Sampling date: July 24, 2017

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

Sampling hour: 08:00

Sampled by: Martin Theriault

Date received: July 25, 2017

Matrix: Water

Drinking water distribution: **Vault**

Reported on: August 21, 2017

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

Results relate only to the sample tested.

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

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-66012

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

Sampling date: July 24, 2017

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

Sampling hour: 08:00

Parameter	Result	Method name	Analysis date
Alkalinity	53 mg CaCO ₃ /L	M-TIT-1.0	July 25, 2017
Aluminium (Al)	0.092 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Aluminium (Al)	0.014 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Antimony (Sb)	0.0013 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Antimony (Sb)	0.0012 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	0.95 mg N/L	Sous-traitance\Multilab Direct	July 26, 2017
Kjeldahl nitrogen	0.96 mg N/L	Sous-traitance\Multilab Direct	August 01, 2017
Barium (Ba)	0.0197 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Barium (Ba)	0.0166 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
bicarbonate (HCO ₃)	53 mg CaCO ₃ /L	M-TIT-1.0	July 25, 2017
Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Cadmium (Cd)	0.00006 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Calcium (Ca)	23.6 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Carbonate (CO ₃)	<2 mg CaCO ₃ /L	M-TIT-1.0	July 25, 2017
Dissolved Organic Carbon (D.O.C.)	5.0 mg/L	M-COT-1.0	July 25, 2017
Total Organic Carbon (T.O.C.)	5.6 mg/L	M-COT-1.0	July 25, 2017
Chloride	6.2 mg/L	Sous-traitance\Multilab Direct	July 26, 2017
Chrome (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Chromium (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Copper (Cu)	0.0028 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Copper (Cu)	0.0020 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Total Cyanide (CNT)	0.001 mg/L	Sous-traitance\Multilab Direct	July 28, 2017
Hardness	83 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	July 31, 2017
Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
dissolved Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Iron (Fe)	0.20 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Iron (Fe)	0.03 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	August 11, 2017
Dissolved Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	August 11, 2017
Total Suspended Solids	<1 mg/L	M-SOLI-1.0	July 26, 2017
Magnesium (Mg)	6.00 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Manganese (Mn)	0.0555 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Manganese (Mn)	0.0472 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	August 16, 2017

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-66012

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

Sampling date: July 24, 2017

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

Sampling hour: 08:00

Parameter	Result	Method name	Analysis date
Dissolved Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	August 17, 2017
Molybdenum (Mo)	0.0104 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Molybdenum (Mo)	0.0099 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Ammonia NH3 (non-ionized)	0.01 mg N/L	Sous-traitance\Multilab Direct	July 26, 2017
Nickel (Ni)	0.0051 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Nickel (Ni)	0.0045 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Nitrate (NO3)	2.85 mg N/L	Sous-traitance\Multilab Direct	July 26, 2017
Nitrite (NO2)	0.04 mg N/L	Sous-traitance\Multilab Direct	July 26, 2017
Ortho-Phosphate (O-PO4)	<0.01 mg P/L	Sous-traitance\Multilab Direct	July 26, 2017
Total Phosphorus (P)	0.03 mg P/L	Sous-traitance\Multilab Direct	July 27, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Potassium (K)	2.91 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Radium (Ra 226)	0.003 Becquerels/L	M-RA-2.0	August 07, 2017
Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Reactive silica (SiO2)	1.4 mg/L	Sous-traitance\Maxxam	August 01, 2017
Sodium (Na)	3.23 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Solids	141 mg/L	M-TIT-1.0	July 25, 2017
Strontium (Sr)	0.131 mg/L	Sous-traitance\Multilab Direct	August 11, 2017
dissolved Strontium (Sr)	0.139 mg/L	Sous-traitance\Multilab Direct	August 11, 2017
Sulfate (SO4)	41.6 mg SO4/L	Sous-traitance\Multilab Direct	July 27, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	August 11, 2017
Dissolved thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	August 11, 2017
Titanium (Ti)	0.03 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved titanium (Ti)	0.02 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Uranium (U)	0.002 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Uranium (U)	0.002 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Vanadium (V)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Vanadium	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Zinc (Zn)	0.002 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Zinc	<0.001 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Hydrocarbons (C10-C50)	<0.3 mg/L	Sous-traitance\Environex	July 26, 2017

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

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



Detection limit

Lab number: V-66012

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

Sampling date: July 24, 2017

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

Sampling hour: 08:00

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

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-66012

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

Sampling date: July 24, 2017

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

Sampling hour: 08:00

Parameter	Value	Unit	Method	Accreditation
Dissolved Mercury (Hg)	0.00001	mg/L	Sous-traitance	
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	
Ammonia NH3 (non-ionized)	0.01	mg N/L	Sous-traitance	-
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Nickel (Ni)	0.0005	mg/L	Sous-traitance	
Nitrate (NO3)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO2)	0.01	mg N/L	Sous-traitance	Yes
Ortho-Phosphate (O-PO4)	0.01	mg P/L	Sous-traitance	Yes
Total Phosphorus (P)	0.01	mg P/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Dissolved Lead (Pb)	0.0003	mg/L	Sous-traitance	
Potassium (K)	0.05	mg/L	Sous-traitance	
Radium (Ra 226)	0.002	Becquerels/L	M-RA-2.0	Yes
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Dissolved Selenium (Se)	0.001	mg/L	Sous-traitance	
Reactive silica (SiO2)		mg/L	Sous-traitance	
Sodium (Na)	0.05	mg/L	Sous-traitance	Yes
Dissolved Solids	1	mg/L	M-TIT-1.0	
Strontium (Sr)	0.005	mg/L	Sous-traitance	
dissolved Strontium (Sr)	0.005	mg/L	Sous-traitance	
Sulfate (SO4)	0.6	mg SO4/L	Sous-traitance	Yes
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Dissolved thallium (Tl)	0.0008	mg/L	Sous-traitance	
Titanium (Ti)	0.01	mg/L	Sous-traitance	
Dissolved titanium (Ti)	0.01	mg/L	Sous-traitance	
Uranium (U)	0.001	mg/L	Sous-traitance	
Dissolved Uranium (U)	0.001	mg/L	Sous-traitance	
Vanadium (V)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Vanadium	0.0005	mg/L	Sous-traitance	
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes
Dissolved Zinc	0.001	mg/L	Sous-traitance	
Hydrocarbons (C10-C50)		mg/L	Sous-traitance	

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-66012

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

Sampling date: July 24, 2017

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

Sampling hour: 08:00

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 147 Accuracy 98.6% Limit 123 - 167 Sample duplicate 53-53
Aluminium (Al) mg/L	Blank <0.006 Standard name C00-046-705_X_1000 Result 1.09 Accuracy 91% Limit 0.800 - 1.200
Dissolved Aluminium (Al) mg/L	Blank <0.006 Standard name DMR-0219-2017-Eu Result 7.29 Accuracy 83.7% Limit 5.02 - 7.52
Antimony (Sb) mg/L	Blank <0.0001 Standard name C00-046-705_X_1000 Result 0.0102 Accuracy 98% Limit 0.0080 - 0.0120
Dissolved Antimony (Sb) mg/L	Blank <0.0001 Standard name DMR-0219-2017-Eu Result 0.1825 Accuracy 82.2% Limit 0.178 - 0.266
Arsenic (As) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0967 Accuracy 96.7% Limit 0.0700 - 0.1300
Dissolved Arsenic (As) mg/L	Blank <0.0005 Standard name DMR-0219-2017-Eu Result 0.3349 Accuracy 82.1% Limit 0.199 - 0.369
Ammonia nitrogen (NH ₃ -NH ₄) m	Blank <0.01 Standard name DMR-0343-2017-NH ₃ -NH ₄ Result 2.25 Accuracy 94.4% Limit 1.81 - 2.45

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-66012

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

Sampling date: July 24, 2017

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

Sampling hour: 08:00

Parameter

Kjeldahl nitrogen mg N/L
Blank <0.05
Standard name DMR-0343-2017-NTK
Result 5.77
Accuracy 98.2%
Limit 4.82 - 6.52

Barium (Ba) mg/L
Sample duplicate 0.96-0.97
Blank <0.0005
Standard name C00-046-705_X_1000
Result 0.1027
Accuracy 97.3%
Limit 0.0800 - 0.1200

Dissolved Barium (Ba) mg/L
Blank <0.0005
Standard name DMR-0219-2017-Eu
Result 2.583
Accuracy 93.7%

Beryllium (Be) mg/L
Limit 1.94 - 2.92
Blank <0.0005
Standard name C00-046-705_X_1000
Result 0.1110
Accuracy 89%

Dissolved Beryllium (Be) mg/L
Limit 0.0800 - 0.1200
Blank <0.0005
Standard name DMR-0219-2017-Eu
Result 1.998
Accuracy 82.5%

bicarbonate (HCO₃) mg CaCO₃/L
Sample duplicate 53-53
Blank <0.01
Standard name C00-046-705_X_1000
Result 1.12
Accuracy 88%

Boron (B) mg/L
Limit 0.800 - 1.200
Blank <0.01
Standard name DMR-0219-2017-Eu
Result 3.31
Accuracy 85.1%

Dissolved Boron (B) mg/L
Limit 2.30 - 3.46
Blank <0.00002
Standard name C00-046-705_X_1000
Result 0.10512

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-66012

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

Sampling date: July 24, 2017

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

Sampling hour: 08:00

Parameter	
Dissolved Cadmium (Cd) mg/L	Accuracy 94.9%
	Limit 0.0800 - 0.1200
	Blank <0.00002
	Standard name DMR-0219-2017-Eu
	Result 1.0034
Calcium (Ca) mg/L	Accuracy 88.6%
	Limit 0.721 - 1.081
	Blank <0.03
	Standard name C00-046-705_X_1000
	Result 1.01
Carbonate (CO ₃) mg CaCO ₃ /L	Accuracy 99%
	Limit 0.800 - 1.200
	Blank <2-<2
	Standard name COD 10mg/L
	Result 11
Dissolved Organic Carbon (D.O.C.) mg/L	Accuracy 90%
	Limit 8 - 12
	Blank <0.2
	Standard name COT 10mg/L
	Result 11
Total Organic Carbon (T.O.C.) mg/L	Accuracy 90%
	Limit 8 - 12
	Blank <0.2
	Standard name COT 10mg/L
	Result 11
Chloride mg/L	Accuracy 90%
	Limit 8 - 12
	Blank <0.5
	Standard name DMR-0343-2017-Cl
	Result 107
Chrome (Cr) mg/L	Accuracy 99.1%
	Limit 95 - 121
	Blank <0.0006
	Standard name C00-046-705_X_1000
	Result 0.1017
Dissolved Chromium (Cr) mg/L	Accuracy 98.3%
	Limit 0.0800 - 0.1200
	Blank <0.0006
	Standard name DMR-0219-2017-Eu
	Result 4.467
Copper (Cu) mg/L	Accuracy 89.7%
	Limit 3.24 - 4.86
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 4.467

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-66012

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

Sampling date: July 24, 2017

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

Sampling hour: 08:00

Parameter	
Dissolved Copper (Cu) mg/L	Result 0.1046
	Accuracy 95.4%
	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name DMR-0219-2017-Eu
Total Cyanide (CNT) mg/L	Result 1.474
	Accuracy 84.8%
	Limit 1.02 - 1.54
	Blank <0.001
	Standard name DMR-0343-CN
Tin (Sn) mg/L	Result 1.30
	Accuracy 89.8%
	Limit 1.003 - 1.357
	Blank <0.001
	Standard name C00-046-705_X_1000
dissolved Tin (Sn) mg/L	Result 0.092
	Accuracy 92%
	Limit 0.0800 - 0.1200
	Blank <0.001
	Standard name C00-046-705_X_1000
Iron (Fe) mg/L	Result 1.17
	Accuracy 83%
	Limit 0.800 - 1.200
	Blank <0.01
	Standard name DMR-0219-2017-Eu
Dissolved Iron (Fe) mg/L	Result 9.49
	Accuracy 83.2%
	Limit 9.1 - 13.7
	Blank <0.005
	Standard name DMR-0219-2017-Eu
Lithium (Li) mg/L	Result 0.780
	Accuracy 92.2%
	Limit 0.677 - 1.015
	Blank <0.005
	Standard name DMR-0219-2017-Eu
Dissolved Lithium (Li) mg/L	Result 0.848
	Accuracy 99.8%
	Limit 0.677 - 1.015
	Blank <1
	Standard name DMR-0219-2017-Eu
Total Suspended Solids mg/L	

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-66012

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

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

Sampling date: July 24, 2017

Sampling hour: 08:00

Parameter	
	Standard name STD-MES 25mg/L
	Result 26
	Accuracy 96%
	Limit 19 - 31
Magnesium (Mg) mg/L	Blank <0.02
	Standard name C00-046-705_X_1000
	Result 1.07
	Accuracy 93%
	Limit 0.800 - 1.200
Manganese (Mn) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1016
	Accuracy 98.4%
	Limit 0.0800 - 0.1200
Dissolved Manganese (Mn) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 4.237
	Accuracy 91.4%
	Limit 3.12 - 4.68
Mercury (Hg) mg/L	Blank <0.00001
	Standard name DMR-0343-2017-HgEu
	Result 0.00055
	Accuracy 78.6%
	Limit 0.00042 - 0.00098
Dissolved Mercury (Hg) mg/L	Blank <0.00001
	Standard name DMR-0343-2017-HgEu
	Result 0.00050
	Accuracy 71.4%
	Limit 0.00042 - 0.00098
Molybdenum (Mo) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0988
	Accuracy 98.8%
	Limit 0.0800 - 0.1200
Dissolved Molybdenum (Mo) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 0.6620
	Accuracy 93.5%
	Limit 0.566 - 0.850
Ammonia NH3 (non-ionized) mg	Blank <0.01

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-66012

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

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

Sampling date: July 24, 2017

Sampling hour: 08:00

Parameter	
Nickel (Ni) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1045
	Accuracy 95.5%
	Limit 0.0800 - 0.1200
Dissolved Nickel (Ni) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.242
	Accuracy 91.1%
	Limit 0.91 - 1.37
Nitrate (NO3) mg N/L	Blank <0.01
Nitrite (NO2) mg N/L	Blank <0.01
	Standard name DMR-0343-2017-NO2
	Result 2.67
	Accuracy 98.5%
	Limit 2.30 - 3.12
Ortho-Phosphate (O-PO4) mg P/	Blank <0.01
	Standard name DMR-0343-2017-OPO4
	Result 3.04
	Accuracy 95.3%
	Limit 2.81 - 3.57
Total Phosphorus (P) mg P/L	Blank <0.01
	Standard name DMR-0343-2017-Ptotal
	Result 1.16
	Accuracy 98.2%
	Limit 1.00 - 1.28
Lead (Pb) mg/L	Blank <0.0003
	Standard name C00-046-705_X_1000
	Result 0.0898
	Accuracy 89.8%
	Limit 0.0800 - 0.1200
Dissolved Lead (Pb) mg/L	Blank <0.0003
	Standard name DMR-0219-2017-Eu
	Result 0.8908
	Accuracy 98.6%
	Limit 0.722 - 1.084
Potassium (K) mg/L	Blank <0.05
	Standard name C00-046-705_X_1000
	Result 0.95
	Accuracy 95%

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-66012

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

Sampling date: July 24, 2017

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

Sampling hour: 08:00

Parameter	
Radium (Ra 226) Becquerels/L	Limit 0.800 - 1.200
	Blank <0.002
	Standard name STD 54981
	Result 0.0720
	Accuracy 87.6%
Selenium (Se) mg/L	Limit 0.0699 - 0.0945
	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.102
	Accuracy 98%
Dissolved Selenium (Se) mg/L	Limit 0.0800 - 0.1200
	Blank <0.001
	Standard name DMR-0219-2017-Eu
	Result 1.55
	Accuracy 85.2%
Sodium (Na) mg/L	Limit 1.08 - 1.62
	Blank <0.05
	Standard name C00-046-705_X_1000
	Result 1.04
	Accuracy 96%
Dissolved Solids mg/L	Limit 0.800 - 1.200
	Sample duplicate 141-141
Strontium (Sr) mg/L	Blank <0.005
	Standard name DMR-0219-2017-Eu
	Result 1.19
	Accuracy 96.7%
dissolved Strontium (Sr) mg/L	Limit 0.98 - 1.48
	Blank <0.005
	Standard name DMR-0219-2017-Eu
	Result 1.31
	Accuracy 93.5%
Sulfate (SO4) mg SO4/L	Limit 0.98 - 1.48
	Blank <0.6
	Standard name DMR-0343-2017-SO4
	Result 117
	Accuracy 95.1%
Thallium (Tl) mg/L	Limit 114 - 132
	Blank 0.0011
	Standard name Tl-S140909023-1000ppm
	Result 800

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-66012

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

Sampling date: July 24, 2017

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

Sampling hour: 08:00

Parameter	
Dissolved thallium (Tl) mg/L	Accuracy 80%
	Limit 800 - 1200
	Blank <0.0008
	Standard name Tl-S140909023-1000ppm
	Result 822
Titanium (Ti) mg/L	Accuracy 82.2%
	Limit 800 - 1200
	Blank <0.01
	Blank <0.01
	Blank <0.001
Dissolved titanium (Ti) mg/L	Standard name C00-046-705_X_1000
	Result 0.100
	Accuracy 100%
	Limit 0.0800 - 0.1200
	Blank <0.001
Uranium (U) mg/L	Standard name DMR-0219-2017-Eu
	Result 1.79
	Accuracy 98.3%
	Limit 1.41 - 2.11
	Blank <0.0005
Vanadium (V) mg/L	Standard name C00-046-705_X_1000
	Result 0.1047
	Accuracy 95.3%
	Limit 0.0800 - 0.1200
	Blank <0.0005
Dissolved Vanadium mg/L	Standard name DMR-0219-2017-Eu
	Result 2.137
	Accuracy 92.6%
	Limit 1.59 - 2.39
	Blank <0.001
Zinc (Zn) mg/L	Standard name C00-046-705_X_1000
	Result 0.106
	Accuracy 94%
	Limit 0.0800 - 0.1200
	Blank <0.001
Dissolved Zinc mg/L	Standard name DMR-0219-2017-Eu
	Result 5.28
	Accuracy 84.2%
	Limit 3.65 - 5.47

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

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



Additional information

Lab number: V-66012

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

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

Sampling date: July 24, 2017

Sampling hour: 08:00

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-NH3-2.0	MA.300-N 2.0
M-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.

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



Analytical Report

Company: **Agnico Eagle Division Meadowbank**

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

Lab number: V-66013

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

Sampling date: July 24, 2017

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

Sampling hour: 08:00

Sampled by: Martin Theriault

Date received: July 25, 2017

Matrix: Water

Drinking water distribution: **Vault**

Reported on: August 21, 2017

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

Results relate only to the sample tested.

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

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-66013

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

Sampling date: July 24, 2017

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

Sampling hour: 08:00

Parameter	Result	Method name	Analysis date
Alkalinity	53 mg CaCO ₃ /L	M-TIT-1.0	July 25, 2017
Aluminium (Al)	0.081 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Aluminium (Al)	0.018 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Antimony (Sb)	0.0012 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Antimony (Sb)	0.0012 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Arsenic (As)	0.0010 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	1.04 mg N/L	Sous-traitance\Multilab Direct	July 26, 2017
Kjeldahl nitrogen	1.10 mg N/L	Sous-traitance\Multilab Direct	August 01, 2017
Barium (Ba)	0.0197 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Barium (Ba)	0.0168 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
bicarbonate (HCO ₃)	53 mg CaCO ₃ /L	M-TIT-1.0	July 25, 2017
Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Cadmium (Cd)	0.00006 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Cadmium (Cd)	0.00003 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Calcium (Ca)	22.8 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Carbonate (CO ₃)	<2 mg CaCO ₃ /L	M-TIT-1.0	July 25, 2017
Dissolved Organic Carbon (D.O.C.)	5.1 mg/L	M-COT-1.0	July 25, 2017
Total Organic Carbon (T.O.C.)	5.1 mg/L	M-COT-1.0	July 25, 2017
Chloride	6.2 mg/L	Sous-traitance\Multilab Direct	July 26, 2017
Chrome (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Chromium (Cr)	0.0006 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Copper (Cu)	0.0030 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Copper (Cu)	0.0027 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Total Cyanide (CNT)	0.001 mg/L	Sous-traitance\Multilab Direct	July 28, 2017
Hardness	80 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	July 31, 2017
Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
dissolved Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Iron (Fe)	0.19 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Iron (Fe)	0.04 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	August 11, 2017
Dissolved Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	August 11, 2017
Total Suspended Solids	2 mg/L	M-SOLI-1.0	July 26, 2017
Magnesium (Mg)	5.70 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Manganese (Mn)	0.0557 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Manganese (Mn)	0.0496 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	August 16, 2017

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

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



Analytical Report

Lab number: V-66013

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

Sampling date: July 24, 2017

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

Sampling hour: 08:00

Parameter	Result	Method name	Analysis date
Dissolved Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	August 17, 2017
Molybdenum (Mo)	0.0103 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Molybdenum (Mo)	0.0099 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Ammonia NH3 (non-ionized)	0.01 mg N/L	Sous-traitance\Multilab Direct	July 26, 2017
Nickel (Ni)	0.0051 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Nickel (Ni)	0.0047 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Nitrate (NO3)	2.86 mg N/L	Sous-traitance\Multilab Direct	July 26, 2017
Nitrite (NO2)	0.04 mg N/L	Sous-traitance\Multilab Direct	July 26, 2017
Ortho-Phosphate (O-PO4)	<0.01 mg P/L	Sous-traitance\Multilab Direct	July 26, 2017
Total Phosphorus (P)	0.02 mg P/L	Sous-traitance\Multilab Direct	July 27, 2017
Lead (Pb)	0.0038 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Potassium (K)	3.02 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Radium (Ra 226)	<0.002 Becquerels/L	M-RA-2.0	August 07, 2017
Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Reactive silica (SiO2)	1.5 mg/L	Sous-traitance\Maxxam	August 01, 2017
Sodium (Na)	3.02 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Solids	141 mg/L	M-TIT-1.0	July 25, 2017
Strontium (Sr)	0.114 mg/L	Sous-traitance\Multilab Direct	August 11, 2017
dissolved Strontium (Sr)	0.134 mg/L	Sous-traitance\Multilab Direct	August 11, 2017
Sulfate (SO4)	40.8 mg SO4/L	Sous-traitance\Multilab Direct	July 27, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	August 11, 2017
Dissolved thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	August 11, 2017
Titanium (Ti)	0.02 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved titanium (Ti)	0.02 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Uranium (U)	0.002 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Uranium (U)	0.002 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Vanadium (V)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Vanadium	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Zinc (Zn)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Dissolved Zinc	<0.001 mg/L	Sous-traitance\Multilab Direct	July 31, 2017
Hydrocarbons (C10-C50)	<0.3 mg/L	Sous-traitance\Environex	July 26, 2017

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-66013

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

Sampling date: July 24, 2017

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

Sampling hour: 08:00

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

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-66013

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

Sampling date: July 24, 2017

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

Sampling hour: 08:00

Parameter	Value	Unit	Method	Accreditation
Dissolved Mercury (Hg)	0.00001	mg/L	Sous-traitance	
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	
Ammonia NH3 (non-ionized)	0.01	mg N/L	Sous-traitance	-
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Nickel (Ni)	0.0005	mg/L	Sous-traitance	
Nitrate (NO3)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO2)	0.01	mg N/L	Sous-traitance	Yes
Ortho-Phosphate (O-PO4)	0.01	mg P/L	Sous-traitance	Yes
Total Phosphorus (P)	0.01	mg P/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Dissolved Lead (Pb)	0.0003	mg/L	Sous-traitance	
Potassium (K)	0.05	mg/L	Sous-traitance	
Radium (Ra 226)	0.002	Becquerels/L	M-RA-2.0	Yes
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Dissolved Selenium (Se)	0.001	mg/L	Sous-traitance	
Reactive silica (SiO2)		mg/L	Sous-traitance	
Sodium (Na)	0.05	mg/L	Sous-traitance	Yes
Dissolved Solids	1	mg/L	M-TIT-1.0	
Strontium (Sr)	0.005	mg/L	Sous-traitance	
dissolved Strontium (Sr)	0.005	mg/L	Sous-traitance	
Sulfate (SO4)	0.6	mg SO4/L	Sous-traitance	Yes
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Dissolved thallium (Tl)	0.0008	mg/L	Sous-traitance	
Titanium (Ti)	0.01	mg/L	Sous-traitance	
Dissolved titanium (Ti)	0.01	mg/L	Sous-traitance	
Uranium (U)	0.001	mg/L	Sous-traitance	
Dissolved Uranium (U)	0.001	mg/L	Sous-traitance	
Vanadium (V)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Vanadium	0.0005	mg/L	Sous-traitance	
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes
Dissolved Zinc	0.001	mg/L	Sous-traitance	
Hydrocarbons (C10-C50)		mg/L	Sous-traitance	

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

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



Quality control Report

Lab number: V-66013

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

Sampling date: July 24, 2017

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

Sampling hour: 08:00

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 147 Accuracy 98.6% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006 Standard name C00-046-705_X_1000 Result 1.09 Accuracy 91% Limit 0.800 - 1.200
Dissolved Aluminium (Al) mg/L	Blank <0.006 Standard name DMR-0219-2017-Eu Result 7.29 Accuracy 83.7% Limit 5.02 - 7.52
Antimony (Sb) mg/L	Blank <0.0001 Standard name C00-046-705_X_1000 Result 0.0102 Accuracy 98% Limit 0.0080 - 0.0120
Dissolved Antimony (Sb) mg/L	Blank <0.0001 Standard name DMR-0219-2017-Eu Result 0.1825 Accuracy 82.2% Limit 0.178 - 0.266
Arsenic (As) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0967 Accuracy 96.7% Limit 0.0700 - 0.1300
Dissolved Arsenic (As) mg/L	Blank <0.0005 Standard name DMR-0219-2017-Eu Result 0.3349 Accuracy 82.1% Limit 0.199 - 0.369
Ammonia nitrogen (NH ₃ -NH ₄) m	Blank <0.01 Standard name DMR-0343-2017-NH ₃ -NH ₄ Result 2.25 Accuracy 94.4% Limit 1.81 - 2.45
Kjeldahl nitrogen mg N/L	Blank <0.05

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

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



Quality control Report

Lab number: V-66013

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

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

Sampling date: July 24, 2017

Sampling hour: 08:00

Parameter	
	Standard name DMR-0343-2017-NTK
	Result 5.77
	Accuracy 98.2%
	Limit 4.82 - 6.52
Barium (Ba) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1027
	Accuracy 97.3%
	Limit 0.0800 - 0.1200
Dissolved Barium (Ba) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 2.583
	Accuracy 93.7%
	Limit 1.94 - 2.92
Beryllium (Be) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1110
	Accuracy 89%
	Limit 0.0800 - 0.1200
Dissolved Beryllium (Be) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.998
	Accuracy 82.5%
	Limit 1.36 - 2.04
Boron (B) mg/L	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.12
	Accuracy 88%
	Limit 0.800 - 1.200
Dissolved Boron (B) mg/L	Blank <0.01
	Standard name DMR-0219-2017-Eu
	Result 3.31
	Accuracy 85.1%
	Limit 2.30 - 3.46
Cadmium (Cd) mg/L	Blank <0.00002
	Standard name C00-046-705_X_1000
	Result 0.10512
	Accuracy 94.9%
	Limit 0.0800 - 0.1200
Dissolved Cadmium (Cd) mg/L	Blank <0.00002

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

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



Quality control Report

Lab number: V-66013

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

Sampling date: July 24, 2017

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

Sampling hour: 08:00

Parameter	
	Standard name DMR-0219-2017-Eu
	Result 1.0034
	Accuracy 88.6%
	Limit 0.721 - 1.081
Calcium (Ca) mg/L	Blank <0.03
	Standard name C00-046-705_X_1000
	Result 1.01
	Accuracy 99%
	Limit 0.800 - 1.200
Dissolved Organic Carbon (D.O.C.) mg/L	Blank <0.2
	Standard name COD 10mg/L
	Result 11
	Accuracy 90%
	Limit 8 - 12
Total Organic Carbon (T.O.C.) mg/L	Blank <0.2
	Standard name COT 10mg/L
	Result 11
	Accuracy 90%
	Limit 8 - 12
Chloride mg/L	Blank <0.5
	Standard name DMR-0343-2017-Cl
	Result 107
	Accuracy 99.1%
	Limit 95 - 121
Chrome (Cr) mg/L	Blank <0.0006
	Standard name C00-046-705_X_1000
	Result 0.1017
	Accuracy 98.3%
	Limit 0.0800 - 0.1200
Dissolved Chromium (Cr) mg/L	Blank <0.0006
	Standard name DMR-0219-2017-Eu
	Result 4.467
	Accuracy 89.7%
	Limit 3.24 - 4.86
Copper (Cu) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1046
	Accuracy 95.4%
	Limit 0.0800 - 0.1200
Dissolved Copper (Cu) mg/L	Blank <0.0005

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

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



Quality control Report

Lab number: V-66013

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

Sampling date: July 24, 2017

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

Sampling hour: 08:00

Parameter	
	Standard name DMR-0219-2017-Eu
	Result 1.474
	Accuracy 84.8%
	Limit 1.02 - 1.54
Total Cyanide (CNT) mg/L	Blank <0.001
	Standard name DMR-0343-CN
	Result 1.30
	Accuracy 89.8%
	Limit 1.003 - 1.357
Tin (Sn) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.092
	Accuracy 92%
	Limit 0.0800 - 0.1200
dissolved Tin (Sn) mg/L	Blank <0.001
Iron (Fe) mg/L	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.17
	Accuracy 83%
	Limit 0.800 - 1.200
Dissolved Iron (Fe) mg/L	Blank <0.01
	Standard name DMR-0219-2017-Eu
	Result 9.49
	Accuracy 83.2%
	Limit 9.1 - 13.7
Lithium (Li) mg/L	Blank <0.005
	Standard name DMR-0219-2017-Eu
	Result 0.780
	Accuracy 92.2%
	Limit 0.677 - 1.015
Dissolved Lithium (Li) mg/L	Blank <0.005
	Standard name DMR-0219-2017-Eu
	Result 0.848
	Accuracy 99.8%
	Limit 0.677 - 1.015
Total Suspended Solids mg/L	Blank <1
	Standard name STD-MES 25mg/L
	Result 26
	Accuracy 96%
	Limit 19 - 31

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

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



Quality control Report

Lab number: V-66013

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

Sampling date: July 24, 2017

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

Sampling hour: 08:00

Parameter	
Magnesium (Mg) mg/L	Blank <0.02 Standard name C00-046-705_X_1000 Result 1.07 Accuracy 93% Limit 0.800 - 1.200
Manganese (Mn) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1016 Accuracy 98.4% Limit 0.0800 - 0.1200
Dissolved Manganese (Mn) mg/L	Blank <0.0005 Standard name DMR-0219-2017-Eu Result 4.237 Accuracy 91.4% Limit 3.12 - 4.68
Mercury (Hg) mg/L	Blank <0.00001 Standard name DMR-0343-2017-HgEu Result 0.00055 Accuracy 78.6% Limit 0.00042 - 0.00098
Dissolved Mercury (Hg) mg/L	Blank <0.00001 Standard name DMR-0343-2017-HgEu Result 0.00050 Accuracy 71.4% Limit 0.00042 - 0.00098
Molybdenum (Mo) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0988 Accuracy 98.8% Limit 0.0800 - 0.1200
Dissolved Molybdenum (Mo) mg/L	Blank <0.0005 Standard name DMR-0219-2017-Eu Result 0.6620 Accuracy 93.5% Limit 0.566 - 0.850
Ammonia NH ₃ (non-ionized) mg	Blank <0.01
Nickel (Ni) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1045 Accuracy 95.5%

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

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



Quality control Report

Lab number: V-66013

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

Sampling date: July 24, 2017

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

Sampling hour: 08:00

Parameter	
Dissolved Nickel (Ni) mg/L	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.242
	Accuracy 91.1%
Nitrate (NO ₃) mg N/L Nitrite (NO ₂) mg N/L	Limit 0.91 - 1.37
	Blank <0.01
	Blank <0.01
	Standard name DMR-0343-2017-NO ₂
	Result 2.67
Ortho-Phosphate (O-PO ₄) mg P/ Total Phosphorus (P) mg P/L	Accuracy 98.5%
	Limit 2.30 - 3.12
	Blank <0.01
	Standard name DMR-0343-2017-OPO ₄
	Result 3.04
Lead (Pb) mg/L	Accuracy 95.3%
	Limit 2.81 - 3.57
	Blank <0.01
	Standard name DMR-0343-2017-Ptotal
	Result 1.16
Dissolved Lead (Pb) mg/L	Accuracy 98.2%
	Limit 1.00 - 1.28
	Blank <0.0003
	Standard name C00-046-705_X_1000
	Result 0.0898
Potassium (K) mg/L	Accuracy 89.8%
	Limit 0.0800 - 0.1200
	Blank <0.0003
	Standard name DMR-0219-2017-Eu
	Result 0.8908
Radium (Ra 226) Becquerels/L	Accuracy 98.6%
	Limit 0.722 - 1.084
	Blank <0.05
	Standard name C00-046-705_X_1000
	Result 0.95
	Accuracy 95%
	Limit 0.800 - 1.200
	Blank <0.002
	Standard name STD 54981
	Result 0.0720

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

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



Quality control Report

Lab number: V-66013

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

Sampling date: July 24, 2017

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

Sampling hour: 08:00

Parameter	
Selenium (Se) mg/L	Accuracy 87.6%
	Limit 0.0699 - 0.0945
	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.102
Dissolved Selenium (Se) mg/L	Accuracy 98%
	Limit 0.0800 - 0.1200
	Blank <0.001
	Standard name DMR-0219-2017-Eu
	Result 1.55
Sodium (Na) mg/L	Accuracy 85.2%
	Limit 1.08 - 1.62
	Blank <0.05
	Standard name C00-046-705_X_1000
	Result 1.04
Strontium (Sr) mg/L	Accuracy 96%
	Limit 0.800 - 1.200
	Blank <0.005
	Standard name DMR-0219-2017-Eu
	Result 1.19
dissolved Strontium (Sr) mg/L	Accuracy 96.7%
	Limit 0.98 - 1.48
	Blank <0.005
	Standard name DMR-0219-2017-Eu
	Result 1.31
Sulfate (SO4) mg SO4/L	Accuracy 93.5%
	Limit 0.98 - 1.48
	Blank <0.6
	Standard name DMR-0343-2017-SO4
	Result 117
Thallium (Tl) mg/L	Accuracy 95.1%
	Limit 114 - 132
	Blank 0.0011
	Standard name Tl-S140909023-1000ppm
	Result 800
Dissolved thallium (Tl) mg/L	Accuracy 80%
	Limit 800 - 1200
	Blank <0.0008
	Standard name Tl-S140909023-1000ppm
	Result 822

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

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



Quality control Report

Lab number: V-66013

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

Sampling date: July 24, 2017

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

Sampling hour: 08:00

Parameter	
	Accuracy 82.2%
	Limit 800 - 1200
Titanium (Ti) mg/L	Blank <0.01
Dissolved titanium (Ti) mg/L	Blank <0.01
Uranium (U) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.100
	Accuracy 100%
	Limit 0.0800 - 0.1200
Dissolved Uranium (U) mg/L	Blank <0.001
	Standard name DMR-0219-2017-Eu
	Result 1.79
	Accuracy 98.3%
	Limit 1.41 - 2.11
Vanadium (V) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1047
	Accuracy 95.3%
	Limit 0.0800 - 0.1200
Dissolved Vanadium mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 2.137
	Accuracy 92.6%
	Limit 1.59 - 2.39
Zinc (Zn) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.106
	Accuracy 94%
	Limit 0.0800 - 0.1200
Dissolved Zinc mg/L	Blank <0.001
	Standard name DMR-0219-2017-Eu
	Result 5.28
	Accuracy 84.2%
	Limit 3.65 - 5.47

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

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



Additional information

Lab number: V-66013

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

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

Sampling date: July 24, 2017

Sampling hour: 08:00

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-NH3-2.0	MA.300-N 2.0
M-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.

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



Analytical Report

Company: **Agnico Eagle Division Meadowbank**

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

Lab number: V-66004

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

Sampling date: July 24, 2017

Sample name: ST-EEM-2a

Sampling hour: 08:00

Sampled by: Martin Theriault

Date received: July 25, 2017

Matrix: Waste Water

Drinking water distribution: **Vault**

Reported on: August 17, 2017

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

Results relate only to the sample tested.

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

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



Analytical Report

Lab number: V-66004

Sample name: ST-EEM-2a

Sampling date: July 24, 2017

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

Sampling hour: 08:00

Parameter	Result	Method name	Analysis date
Alkalinity	53 mg CaCO ₃ /L	M-TIT-1.0	July 25, 2017
Aluminium (Al)	0.101 mg/L	Sous-traitance\Multilab Direct	August 02, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	0.98 mg N/L	Sous-traitance\Multilab Direct	July 26, 2017
Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	August 02, 2017
Hardness	77 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	August 02, 2017
Iron (Fe)	0.21 mg/L	Sous-traitance\Multilab Direct	August 02, 2017
Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	August 16, 2017
Molybdenum (Mo)	0.0081 mg/L	Sous-traitance\Multilab Direct	August 02, 2017
Ammonia NH ₃ (non-ionized)	0.01 mg N/L	Sous-traitance\Multilab Direct	July 26, 2017
Nitrate (NO ₃)	2.90 mg N/L	Sous-traitance\Multilab Direct	July 26, 2017
Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 02, 2017

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

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



Quality control Report

Lab number: V-66004

Sample name: ST-EEM-2a

Sampling date: July 24, 2017

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

Sampling hour: 08:00

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 147 Accuracy 98.6% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006
	Standard name C00-046-705_X_1000 Result 1.20 Accuracy 80% Limit 0.800 - 1.200
Ammonia nitrogen (NH ₃ -NH ₄) m	Blank <0.01
	Standard name DMR-0343-2017-NH ₃ -NH ₄ Result 2.25 Accuracy 94.4% Limit 1.81 - 2.45
Cadmium (Cd) mg/L	Blank <0.00002
	Standard name C00-046-705_X_1000 Result 0.10286 Accuracy 97.1% Limit 0.0800 - 0.1200
Iron (Fe) mg/L	Blank <0.01
	Standard name C00-046-705_X_1000 Result 1.15 Accuracy 85% Limit 0.800 - 1.200
Mercury (Hg) mg/L	Blank <0.00001
	Standard name DMR-0343-2017-HgEu Result 0.00055 Accuracy 78.6% Limit 0.00042 - 0.00098
Molybdenum (Mo) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000 Result 0.0975 Accuracy 97.5% Limit 0.0800 - 0.1200
Ammonia NH ₃ (non-ionized) mg	Blank <0.01
Nitrate (NO ₃) mg N/L	Blank <0.01
Selenium (Se) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000 Result 0.101 Accuracy 99%

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

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



Additional information

Lab number: V-66004

Sample name: ST-EEM-2a

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

Sampling date: July 24, 2017

Sampling hour: 08:00

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-NH3-2.0	MA.300-N 2.0
M-NITR-2.0	MA.300-NO3 2.0

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

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



Analytical Report

Company: **Agnico Eagle Division Meadowbank**

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

Lab number: V-66005

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

Sampling date: July 24, 2017

Sample name: ST-EEM-2a DUP

Sampling hour: 08:00

Sampled by: Martin Theriault

Date received: July 25, 2017

Matrix: Waste Water

Drinking water distribution: **Vault**

Reported on: August 17, 2017

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

Results relate only to the sample tested.

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

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



Analytical Report

Lab number: V-66005

Sample name: ST-EEM-2a DUP

Sampling date: July 24, 2017

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

Sampling hour: 08:00

Parameter	Result	Method name	Analysis date
Alkalinity	53 mg CaCO ₃ /L	M-TIT-1.0	July 25, 2017
Aluminium (Al)	0.125 mg/L	Sous-traitance\Multilab Direct	August 02, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	1.00 mg N/L	Sous-traitance\Multilab Direct	July 26, 2017
Cadmium (Cd)	0.00004 mg/L	Sous-traitance\Multilab Direct	August 02, 2017
Hardness	97 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	August 02, 2017
Iron (Fe)	0.22 mg/L	Sous-traitance\Multilab Direct	August 02, 2017
Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	August 16, 2017
Molybdenum (Mo)	0.0104 mg/L	Sous-traitance\Multilab Direct	August 02, 2017
Ammonia NH ₃ (non-ionized)	0.01 mg N/L	Sous-traitance\Multilab Direct	July 26, 2017
Nitrate (NO ₃)	2.89 mg N/L	Sous-traitance\Multilab Direct	July 26, 2017
Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 02, 2017

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

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



Detection limit

Lab number: V-66005

Sample name: ST-EEM-2a DUP

Sampling date: July 24, 2017

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

Sampling hour: 08:00

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO ₃ /L	M-TIT-1.0	
Aluminium (Al)	0.006	mg/L	Sous-traitance	
Ammonia nitrogen (NH ₃ -NH ₄)	0.01	mg N/L	Sous-traitance	Yes
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO ₃ /L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Ammonia NH ₃ (non-ionized)	0.01	mg N/L	Sous-traitance	-
Nitrate (NO ₃)	0.01	mg N/L	Sous-traitance	Yes
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes

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

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



Quality control Report

Lab number: V-66005

Sample name: ST-EEM-2a DUP

Sampling date: July 24, 2017

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

Sampling hour: 08:00

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 147 Accuracy 98.6% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006
	Standard name C00-046-705_X_1000 Result 1.20 Accuracy 80% Limit 0.800 - 1.200
Ammonia nitrogen (NH ₃ -NH ₄) m	Blank <0.01
	Standard name DMR-0343-2017-NH ₃ -NH ₄ Result 2.25 Accuracy 94.4% Limit 1.81 - 2.45
Cadmium (Cd) mg/L	Blank <0.00002
	Standard name C00-046-705_X_1000 Result 0.10286 Accuracy 97.1% Limit 0.0800 - 0.1200
Iron (Fe) mg/L	Blank <0.01
	Standard name C00-046-705_X_1000 Result 1.15 Accuracy 85% Limit 0.800 - 1.200
Mercury (Hg) mg/L	Blank <0.00001
	Standard name DMR-0343-2017-HgEu Result 0.00055 Accuracy 78.6% Limit 0.00042 - 0.00098
Molybdenum (Mo) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000 Result 0.0975 Accuracy 97.5% Limit 0.0800 - 0.1200
Ammonia NH ₃ (non-ionized) mg	Blank <0.01
Nitrate (NO ₃) mg N/L	Blank <0.01
Selenium (Se) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000 Result 0.101 Accuracy 99%

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

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



Quality control Report

Lab number: V-66005

Sample name: ST-EEM-2a DUP

Sampling date: July 24, 2017

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

Sampling hour: 08:00

Parameter

Limit 0.0800 - 0.1200

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

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



Additional information

Lab number: V-66005

Sample name: ST-EEM-2a DUP

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

Sampling date: July 24, 2017

Sampling hour: 08:00

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-NH3-2.0	MA.300-N 2.0
M-NITR-2.0	MA.300-NO3 2.0

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

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



Analytical Report

Company: **Agnico Eagle Division Meadowbank**

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

Lab number: V-66006

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

Sampling date: July 24, 2017

Sample name: ST-EEM-2a FB

Sampling hour: 08:00

Sampled by: Martin Theriault

Date received: July 25, 2017

Matrix: Waste Water

Drinking water distribution: **Vault**

Reported on: August 17, 2017

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

Results relate only to the sample tested.

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

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



Analytical Report

Lab number: V-66006

Sample name: ST-EEM-2a FB

Sampling date: July 24, 2017

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

Sampling hour: 08:00

Parameter	Result	Method name	Analysis date
Alkalinity	10 mg CaCO ₃ /L	M-TIT-1.0	July 25, 2017
Aluminium (Al)	0.011 mg/L	Sous-traitance\Multilab Direct	August 02, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	0.01 mg N/L	Sous-traitance\Multilab Direct	July 26, 2017
Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	August 02, 2017
Hardness	<1 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	August 02, 2017
Iron (Fe)	<0.01 mg/L	Sous-traitance\Multilab Direct	August 02, 2017
Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	August 16, 2017
Molybdenum (Mo)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 02, 2017
Ammonia NH ₃ (non-ionized)	<0.01 mg N/L	Sous-traitance\Multilab Direct	July 26, 2017
Nitrate (NO ₃)	0.02 mg N/L	Sous-traitance\Multilab Direct	July 26, 2017
Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 02, 2017

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

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



Detection limit

Lab number: V-66006

Sample name: ST-EEM-2a FB

Sampling date: July 24, 2017

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

Sampling hour: 08:00

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO ₃ /L	M-TIT-1.0	
Aluminium (Al)	0.006	mg/L	Sous-traitance	
Ammonia nitrogen (NH ₃ -NH ₄)	0.01	mg N/L	Sous-traitance	Yes
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO ₃ /L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Ammonia NH ₃ (non-ionized)	0.01	mg N/L	Sous-traitance	-
Nitrate (NO ₃)	0.01	mg N/L	Sous-traitance	Yes
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes

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

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



Quality control Report

Lab number: V-66006

Sample name: ST-EEM-2a FB

Sampling date: July 24, 2017

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

Sampling hour: 08:00

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 147 Accuracy 98.6% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006
	Standard name C00-046-705_X_1000 Result 1.20 Accuracy 80% Limit 0.800 - 1.200
Ammonia nitrogen (NH ₃ -NH ₄) m	Blank <0.01
	Standard name DMR-0343-2017-NH ₃ -NH ₄ Result 2.25 Accuracy 94.4% Limit 1.81 - 2.45
Cadmium (Cd) mg/L	Blank <0.00002
	Standard name C00-046-705_X_1000 Result 0.10286 Accuracy 97.1% Limit 0.0800 - 0.1200
Iron (Fe) mg/L	Blank <0.01
	Standard name C00-046-705_X_1000 Result 1.15 Accuracy 85% Limit 0.800 - 1.200
Mercury (Hg) mg/L	Blank <0.00001
	Standard name DMR-0343-2017-HgEu Result 0.00055 Accuracy 78.6% Limit 0.00042 - 0.00098
	Sample duplicate <0.00001-<0.00001
Molybdenum (Mo) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000 Result 0.0975 Accuracy 97.5% Limit 0.0800 - 0.1200
Ammonia NH ₃ (non-ionized) mg	Blank <0.01
Nitrate (NO ₃) mg N/L	Blank <0.01
Selenium (Se) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000 Result 0.101

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

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



Quality control Report

Lab number: V-66006

Sample name: ST-EEM-2a FB

Sampling date: July 24, 2017

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

Sampling hour: 08:00

Parameter

Accuracy 99%

Limit 0.0800 - 0.1200

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

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

Client : 6088 H2LAB

Job Number: B746069

Client Project Name & Number: -

Test Result:

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

Toxic Units: <1.0

Comment: non-toxique

Sample Name : 66286 (ST-10/ST-MMER-2)

Sample Matrix : WATER

Description: transparent, peu de solides

Sample Number: EJ2124-01

Sample Collected: Aug 01, 2017 09:30 AM **Sampling Method :** Grab

Site Collection: ST-10 65.01.11.2..N

Sample Collected By: TOM T **Volume Received:** 40 L

Temp.Upon Arrival: 20 °C **Storage:** 2-6°C

Sample Received: Aug 03, 2017 11:30 AM **pH:** 7.0

Dissolved Oxygen: 9.3 mg/L

Analysis Start : Aug 06, 2017 08:45 AM **Temperature :** 15 °C

Sample Conductance: 220 µS/cm

Concentration	Temperature (°C)	pH (pH)	Conductivity (uS/cm)	Dissolved oxygen (mg/L)	Temperature (°C)	pH (pH)	Dissolved oxygen (mg/L)	Atypical Behaviour (#)	Atypical Behaviour (%)	Mortality (#)	Mortality (%)
%v/v	Initial	Initial	Initial	Initial	96 hrs	96 hr	96 hrs	24 hrs	24 hrs	24 hrs	24 hrs
0	16	7.3	238	9.6	15	7.5	9.7	0	0	0	0
6.25	16	7.3	236	9.6	16	7.5	9.6	0	0	0	0
12.5	16	7.3	236	9.6	16	7.5	9.5	0	0	0	0
25	16	7.3	234	9.6	15	7.4	9.7	0	0	0	0
50	16	7.3	229	9.6	15	7.4	9.6	0	0	0	0
100	15	7.2	220	9.5	15	7.4	9.7	0	0	0	0

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

Comments : Aucune anomalie observée durant l'essai.

Culture/Control/Dilution Water

Dechlorinated municipal tap water

Hardness:

65 mg/l CaCO₃

Other parameters available on request.

Test Conditions

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

Organisms per Vessel : 10

Test Temperature : 15 ± 1 °C

Solution Depth : 20 cm

Total # of Organisms Used : 60

Pre-aeration Time : 30 min.

Rate of Aeration 6.5±1 mL/min/L

Test Volume : 16 L

Vessel Volume : 20L

Test pH Adjusted: No

Loading Density : 0.4 g/L

Photoperiod : 16 hours of light; 8 hours of darkness

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

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

Client : 6088 H2LAB
Client Project Name & Number: -

Job Number: B746069
Sample Number: EJ2124-01

Test Organism :	Rainbow Trout (<i>Oncorhynchus mykiss</i>)	Source :	Piscicultures Les Arpents Verts	
Culture Temperature :	15 ± 2 °C	Weight (Mean) +- SD :	0.6 ± 0.1 g	Length (Mean) +- SD : 3.98 ± 0.26 cm
Culture Water Renewal :	2 liters/min	Weight (Range) :	0.4 ± 0.9 g	Length (Range) : 3.70 – 4.50 cm
Culture Photoperiod :	16 hours of light; 8 hours of darkness			% Mortality within 7 days : 0%
Feeding rate and frequency :	1-2x a day; 1-5% of the body weights.			Acclimation Time: >14 days

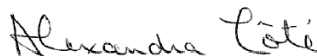
Reference chemical:	Phenol	Test Date:	Aug 03, 2017
Test Endpoint 96 hrs LC50 (95% confidence interval) :	10.8 (9.48, 12.3)mg/L	Statistical Method :	Probit
Historical Mean LC50 (warning limits) :	10.6 (8.23, 13.5) mg/L	Concentration :	0,4,6,9,13,18 mg/L

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

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

Method Deviations : Aucune

Analyst : Keven Dumas



Verified By : Alexandra Côté, B.Sc. Biologist

Date: Aug 17, 2017 08:10 AM

Client : 6088 H2LAB

Job Number: B746069

Client Project Name & Number: -

No. d'échantillon : EJ2124-02

Test Result:

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

Toxic Units: <1.0

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

Comment: non-toxique

Sample Name : 66286 (ST-10/ST-MMER-2)

Sample Matrix : WATER

Description: incolore, translucide, inodore, aucun solide

Sample Prior to Analysis:

Sample Collected: Aug 01, 2017 09:30 AM

Sampling Method : Grab

pH: 7.2

Sample Collected By: TOM T

Site Collection: ST-10 65.01.11.2..N

Temperature : 20 °C

Sample Received: Aug 03, 2017 11:30 AM

Volume Received: 1L

Dissolved Oxygen: 9.9 mg/L

Analysis Start : Aug 05, 2017 12:50 PM

Temp. Upon Arrival: 20 °C

Sample Conductance: 217 µS/cm

End : Aug 07, 2017 02:25 PM

Storage: 2-6°C

Hardness: 86 mg CaCO₃/L

Concentration	Temperature (°C)	pH (pH)	Conductivity (µS/cm)	Dissolved oxygen (mg/L)	Temperature (°C)	pH (pH)	Dissolved oxygen (mg/L)	Immobility (#)	Immobility (%)	Mortality (#)	Mortality (%)
%v/v	Initial	Initial	Initial	Initial	48 hrs	48 hr	48 hrs	48 hrs	48 hrs	48 hrs	48 hrs
0	19	7.9	447	8.8	18	7.4	9.0	0	0	0	0
6.25	19	7.9	460	8.7	18	7.5	8.9	0	0	0	0
12.5	19	7.9	455	8.9	18	7.6	9.0	0	0	0	0
25	19	7.9	419	9.0	18	7.7	9.0	0	0	0	0
50	19	7.8	352	9.2	19	7.7	9.0	0	0	1	10.0
100	19	7.6	221	9.7	18	7.7	9.0	0	0	0	0

Comments :

Culture/Control/Dilution Water:

Reconstituted water for Daphnia

Hardness:

175 mg/l CaCO₃

Other parameters available on request.

Test Conditions

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

Organisms per Vessel : 10

Pre-aeration Time : 30 min

Rate of Pre-aeration : 40±5 mL/min/L

Total # of Organisms Used : 60

Test Temperature : 20 ± 2 °C

Test Hardness Adjusted : No

Test Volume : 150 mL

Vessel Volume : 270 ml

Test pH Adjusted: No

Loading Density :

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

Test Organism :

Daphnia magna

Source : Maxxam Lab Culture

Age at Test Initiation :

<24 hres

Average Brood Size : 16.8

Culture Photoperiod :

16 hours of light; 8 hours of darkness

% Mortality within 7 days : 1.0

Culture Temperature :

20 ± 2 °C

Time To First Brood :

8 Days

Culture Diet

Fed once a day.

Reference chemical:

Potassium Dichromate

Test Date:

Aug 07, 2017

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

0.16 (0.063, 0.25)mg/L

Statistical Method :

Binomial

Historical Mean LC50 (warning limits) :

0.20 (0.11, 0.35) mg/L

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

Test Method

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

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

Method Deviations:

Aucune

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

Client : 6088 H2LAB

Job Number: B746069

Client Project Name & Number: -

No. d'échantillon : EJ2124-02

Analyst : Angela Paquet-Walsh, Véronique Fournier

Alexandra Côté

Verified By : Alexandra Côté, B.Sc. Biologist

Date: Aug 17, 2017 08:13 AM

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



Analytical Report

Company: **Agnico Eagle Division Meadowbank**

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

Lab number: V-66286

Sampling location: ST-10 65.01.11.2.. N 96.02.32.0..W

Sampling date: August 01, 2017

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

Sampling hour: 09:30

Sampled by: Tom T

Date received: August 02, 2017

Matrix: Water

Drinking water distribution: **Vault**

Corrected certificate, replacing the certificate V-66286 done on August 30 2017

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

Results relate only to the sample tested.

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

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



Analytical Report

Lab number: V-66286

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

Sampling date: August 01, 2017

Sampling location: ST-10 65.01.11.2.. N 96.02.32.0..W

Sampling hour: 09:30

Parameter	Result	Method name	Analysis date
Alkalinity	51 mg CaCO ₃ /L	M-TIT-1.0	August 02, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	0.91 mg N/L	Sous-traitance\Multilab Direct	August 03, 2017
Kjeldahl nitrogen	0.75 mg N/L	Sous-traitance\Multilab Direct	August 08, 2017
bicarbonate (HCO ₃)	51 mg CaCO ₃ /L	M-TIT-1.0	August 02, 2017
Carbonate (CO ₃)	<2 mg CaCO ₃ /L	M-TIT-1.0	August 02, 2017
Dissolved Organic Carbon (D.O.C.)	4.8 mg/L	M-COT-1.0	August 02, 2017
Total Organic Carbon (T.O.C.)	4.8 mg/L	M-COT-1.0	August 02, 2017
Chloride	6.4 mg/L	Sous-traitance\Multilab Direct	August 04, 2017
Total Cyanide (CNT)	0.001 mg/L	Sous-traitance\Multilab Direct	August 08, 2017
Daphnia Magna	See sub file	Sous-traitance\Maxxam	August 05, 2017
Hydrocarbons (C10-C50)	<0.1 mg/L	M-HYD-2.0	August 04, 2017
Total Suspended Solids	1 mg/L	M-SOLI-1.0	September 06, 2017
Ammonia NH ₃ (non-ionized)	0.02 mg N/L	Sous-traitance\Multilab Direct	August 03, 2017
Nitrate (NO ₃)	2.98 mg N/L	Sous-traitance\Multilab Direct	August 04, 2017
Nitrite (NO ₂)	0.03 mg N/L	Sous-traitance\Multilab Direct	August 04, 2017
Ortho-Phosphate (O-PO ₄)	<0.01 mg P/L	Sous-traitance\Multilab Direct	August 03, 2017
Total Phosphorus (P)	<0.01 mg P/L	Sous-traitance\Multilab Direct	August 10, 2017
Dissolved Solids	147 mg/L	M-TIT-1.0	August 02, 2017
Sulfate (SO ₄)	49.0 mg SO ₄ /L	Sous-traitance\Multilab Direct	August 03, 2017
Rainbow trout	See sub file	Sous-traitance\Maxxam	August 06, 2017
Radium (Ra 226)	0.009 Becquerels/L	M-RA-2.0	August 16, 2017
Reactive silica (SiO ₂)	1.0 mg/L	Sous-traitance\Maxxam	August 08, 2017
Aluminium (Al)	0.069 mg/L	Sous-traitance\Environex	August 17, 2017
Dissolved Aluminium (Al)	0.030 mg/L	Sous-traitance\Environex	August 17, 2017
Antimony (Sb)	0.0010 mg/L	Sous-traitance\Environex	August 17, 2017
Dissolved Antimony (Sb)	0.0012 mg/L	Sous-traitance\Environex	August 17, 2017
Arsenic (As)	<0.0005 mg/L	Sous-traitance\Environex	August 17, 2017
Dissolved Arsenic (As)	<0.0005 mg/L	Sous-traitance\Environex	August 17, 2017
Barium (Ba)	0.0193 mg/L	Sous-traitance\Environex	August 17, 2017
Dissolved Barium (Ba)	0.0155 mg/L	Sous-traitance\Environex	August 17, 2017
Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Environex	August 17, 2017
Dissolved Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Environex	August 17, 2017
Boron (B)	<0.01 mg/L	Sous-traitance\Environex	August 17, 2017
Dissolved Boron (B)	<0.01 mg/L	Sous-traitance\Environex	August 17, 2017
Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Environex	August 17, 2017
Dissolved Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Environex	August 17, 2017
Calcium (Ca)	25.8 mg/L	Sous-traitance\Environex	August 17, 2017
Chrome (Cr)	<0.0006 mg/L	Sous-traitance\Environex	August 17, 2017
Dissolved Chromium (Cr)	0.0008 mg/L	Sous-traitance\Environex	August 17, 2017
Copper (Cu)	0.0027 mg/L	Sous-traitance\Environex	August 17, 2017

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

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



Analytical Report

Lab number: V-66286

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

Sampling date: August 01, 2017

Sampling location: ST-10 65.01.11.2.. N 96.02.32.0..W

Sampling hour: 09:30

Parameter	Result	Method name	Analysis date
Dissolved Copper (Cu)	0.0022 mg/L	Sous-traitance\Environex	August 17, 2017
Hardness	90 mg CaCO3/L	Sous-traitance\Environex	August 17, 2017
Tin (Sn)	<0.001 mg/L	Sous-traitance\Environex	August 17, 2017
dissolved Tin (Sn)	<0.001 mg/L	Sous-traitance\Environex	August 17, 2017
Iron (Fe)	0.04 mg/L	Sous-traitance\Environex	August 17, 2017
Dissolved Iron (Fe)	0.01 mg/L	Sous-traitance\Environex	August 17, 2017
Lithium (Li)	<0.005 mg/L	Sous-traitance\Environex	August 18, 2017
Dissolved Lithium (Li)	<0.005 mg/L	Sous-traitance\Environex	August 18, 2017
Magnesium (Mg)	6.23 mg/L	Sous-traitance\Environex	August 17, 2017
Manganese (Mn)	0.0284 mg/L	Sous-traitance\Environex	August 17, 2017
Dissolved Manganese (Mn)	<0.0005 mg/L	Sous-traitance\Environex	August 17, 2017
Mercury (Hg)	0.00020 mg/L	Sous-traitance\Environex	August 17, 2017
Dissolved Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Environex	August 17, 2017
Molybdenum (Mo)	0.0098 mg/L	Sous-traitance\Environex	August 17, 2017
Dissolved Molybdenum (Mo)	0.0087 mg/L	Sous-traitance\Environex	August 17, 2017
Nickel (Ni)	0.0047 mg/L	Sous-traitance\Environex	August 17, 2017
Dissolved Nickel (Ni)	0.0044 mg/L	Sous-traitance\Environex	August 17, 2017
Lead (Pb)	0.0004 mg/L	Sous-traitance\Environex	August 17, 2017
Dissolved Lead (Pb)	<0.0003 mg/L	Sous-traitance\Environex	August 17, 2017
Potassium (K)	3.61 mg/L	Sous-traitance\Environex	August 17, 2017
Selenium (Se)	<0.001 mg/L	Sous-traitance\Environex	August 17, 2017
Dissolved Selenium (Se)	<0.001 mg/L	Sous-traitance\Environex	August 17, 2017
Sodium (Na)	3.37 mg/L	Sous-traitance\Environex	August 17, 2017
Strontium (Sr)	0.149 mg/L	Sous-traitance\Environex	August 18, 2017
dissolved Strontium (Sr)	0.164 mg/L	Sous-traitance\Environex	August 18, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Environex	August 18, 2017
Dissolved thallium (Tl)	<0.0008 mg/L	Sous-traitance\Environex	August 18, 2017
Titanium (Ti)	0.02 mg/L	Sous-traitance\Environex	August 17, 2017
Dissolved titanium (Ti)	0.02 mg/L	Sous-traitance\Environex	August 17, 2017
Uranium (U)	0.002 mg/L	Sous-traitance\Environex	August 17, 2017
Dissolved Uranium (U)	0.002 mg/L	Sous-traitance\Environex	August 17, 2017
Vanadium (V)	<0.0005 mg/L	Sous-traitance\Environex	August 17, 2017
Dissolved Vanadium	<0.0005 mg/L	Sous-traitance\Environex	August 17, 2017
Zinc (Zn)	0.002 mg/L	Sous-traitance\Environex	August 17, 2017
Dissolved Zinc	0.003 mg/L	Sous-traitance\Environex	August 17, 2017

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-66286

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

Sampling date: August 01, 2017

Sampling location: ST-10 65.01.11.2.. N 96.02.32.0..W

Sampling hour: 09:30

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2 mg CaCO ₃ /L		M-TIT-1.0	
Ammonia nitrogen (NH ₃ -NH ₄)	0.01 mg N/L		Sous-traitance	Yes
Kjeldahl nitrogen	0.05 mg N/L		Sous-traitance	Yes
bicarbonate (HCO ₃)	2 mg CaCO ₃ /L		M-TIT-1.0	
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
Total Cyanide (CNt)	0.001 mg/L		Sous-traitance	Yes
Daphnia Magna			Sous-traitance	Yes
Hydrocarbons (C10-C50)	0.1 mg/L		M-HYD-2.0	Yes
Total Suspended Solids	1 mg/L		M-SOLI-1.0	Yes
Ammonia 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
Ortho-Phosphate (O-PO ₄)	0.01 mg P/L		Sous-traitance	Yes
Total Phosphorus (P)	0.01 mg P/L		Sous-traitance	Yes
Dissolved Solids	1 mg/L		M-TIT-1.0	
Sulfate (SO ₄)	0.6 mg SO ₄ /L		Sous-traitance	Yes
Rainbow trout			Sous-traitance	Yes
Radium (Ra 226)	0.002 Becquerels/L		M-RA-2.0	Yes
Reactive silica (SiO ₂)	mg/L		Sous-traitance	
Aluminium (Al)	0.01 mg/L		Sous-traitance	
Antimony (Sb)	0.0001 mg/L		Sous-traitance	
Dissolved Antimony (Sb)	0.0001 mg/L		Sous-traitance	
Arsenic (As)	0.0005 mg/L		Sous-traitance	
Dissolved Arsenic (As)	0.0005 mg/L		Sous-traitance	
Barium (Ba)	0.001 mg/L		Sous-traitance	
Dissolved Barium (Ba)	0.001 mg/L		Sous-traitance	
Beryllium (Be)	0.0005 mg/L		Sous-traitance	
Dissolved Beryllium (Be)	0.0005 mg/L		Sous-traitance	
Boron (B)	0.01 mg/L		Sous-traitance	
Dissolved Boron (B)	0.01 mg/L		Sous-traitance	
Cadmium (Cd)	0.00002 mg/L		Sous-traitance	
Dissolved Cadmium (Cd)	0.00002 mg/L		Sous-traitance	
Calcium (Ca)	0.5 mg/L		Sous-traitance	
Chrome (Cr)	0.0006 mg/L		Sous-traitance	
Dissolved Chromium (Cr)	0.0006 mg/L		Sous-traitance	
Copper (Cu)	0.0001 mg/L		Sous-traitance	
Dissolved Copper (Cu)	0.0001 mg/L		Sous-traitance	

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-66286

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

Sampling date: August 01, 2017

Sampling location: ST-10 65.01.11.2.. N 96.02.32.0..W

Sampling hour: 09:30

Parameter	Value	Unit	Method	Accreditation
Hardness	1	mg CaCO ₃ /L	Sous-traitance	
Tin (Sn)	0.001	mg/L	Sous-traitance	
dissolved Tin (Sn)	0.001	mg/L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	
Dissolved Iron (Fe)	0.01	mg/L	Sous-traitance	
Lithium (Li)	0.005	mg/L	Sous-traitance	
Dissolved Lithium (Li)	0.005	mg/L	Sous-traitance	
Magnesium (Mg)	0.5	mg/L	Sous-traitance	
Manganese (Mn)	0.0005	mg/L	Sous-traitance	
Dissolved Manganese (Mn)	0.0005	mg/L	Sous-traitance	
Mercury (Hg)	0.00001	mg/L	Sous-traitance	
Dissolved Mercury (Hg)	0.00001	mg/L	Sous-traitance	
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	
Nickel (Ni)	0.0020	mg/L	Sous-traitance	
Lead (Pb)	0.0003	mg/L	Sous-traitance	
Dissolved Lead (Pb)	0.0003	mg/L	Sous-traitance	
Potassium (K)	0.5	mg/L	Sous-traitance	
Selenium (Se)	0.001	mg/L	Sous-traitance	
Dissolved Selenium (Se)	0.001	mg/L	Sous-traitance	
Sodium (Na)	0.5	mg/L	Sous-traitance	
Strontium (Sr)	0.02	mg/L	Sous-traitance	
dissolved Strontium (Sr)		mg/L	Sous-traitance	
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Dissolved thallium (Tl)	0.0008	mg/L	Sous-traitance	
Titanium (Ti)	0.01	mg/L	Sous-traitance	
Dissolved titanium (Ti)	0.01	mg/L	Sous-traitance	
Uranium (U)	0.001	mg/L	Sous-traitance	
Dissolved Uranium (U)	0.001	mg/L	Sous-traitance	
Vanadium (V)	0.0005	mg/L	Sous-traitance	
Dissolved Vanadium	0.0005	mg/L	Sous-traitance	
Zinc (Zn)	0.001	mg/L	Sous-traitance	
Dissolved Zinc	0.001	mg/L	Sous-traitance	

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

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



Quality control Report

Lab number: V-66286

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

Sampling date: August 01, 2017

Sampling location: ST-10 65.01.11.2.. N 96.02.32.0..W

Sampling hour: 09:30

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 151 Accuracy 95.9% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006
	Standard name DMR-0219-2017-Eu Result 6.04 Accuracy 96.3% Limit 5.02 - 7.52
Dissolved Aluminium (Al) mg/L	Blank <0.006
	Standard name DMR-0219-2017-Eu Result 6.76 Accuracy 92.2% Limit 5.02 - 7.52
Antimony (Sb) mg/L	Blank <0.0001
	Standard name C00-046-705_X_1000 Result 0.00831 Accuracy 83.1% Limit 0.0080 - 0.0120
Dissolved Antimony (Sb) mg/L	Blank <0.0001
	Standard name DMR-0219-2017-Eu Result 0.1866 Accuracy 84.1% Limit 0.178 - 0.266
Arsenic (As) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu Result 0.2825 Accuracy 99.5% Limit 0.199 - 0.369
Dissolved Arsenic (As) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu Result 0.3173 Accuracy 88.3% Limit 0.199 - 0.369
Ammonia nitrogen (NH ₃ -NH ₄) m	Blank <0.01
	Standard name DMR-0343-2017-NH ₃ -NH ₄ Result 2.34 Accuracy 90.1% Limit 1.81 - 2.45
Kjeldahl nitrogen mg N/L	Blank <0.05

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

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



Quality control Report

Lab number: V-66286

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

Sampling date: August 01, 2017

Sampling location: ST-10 65.01.11.2.. N 96.02.32.0..W

Sampling hour: 09:30

Parameter	
	Standard name DMR-0343-2017-NTK
	Result 5.64
	Accuracy 99.5%
	Limit 4.82 - 6.52
Barium (Ba) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 2.002
	Accuracy 82.4%
	Limit 1.94 - 2.92
Dissolved Barium (Ba) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 2.083
	Accuracy 85.7%
	Limit 1.94 - 2.92
Beryllium (Be) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.740
	Accuracy 97.6%
	Limit 1.36 - 2.04
Dissolved Beryllium (Be) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.879
	Accuracy 89.5%
	Limit 1.36 - 2.04
Boron (B) mg/L	Blank <0.01
	Standard name DMR-0219-2017-Eu
	Result 3.00
	Accuracy 95.8%
	Limit 2.30 - 3.46
Dissolved Boron (B) mg/L	Blank <0.01
	Standard name DMR-0219-2017-Eu
	Result 3.30
	Accuracy 85.4%
	Limit 2.30 - 3.46
Cadmium (Cd) mg/L	Blank <0.00002
	Standard name DMR-0219-2017-Eu
	Result 0.84719
	Accuracy 94%
	Limit 0.721 - 1.081
Dissolved Cadmium (Cd) mg/L	Blank <0.00002

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

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



Quality control Report

Lab number: V-66286

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

Sampling date: August 01, 2017

Sampling location: ST-10 65.01.11.2.. N 96.02.32.0..W

Sampling hour: 09:30

Parameter	
	Standard name DMR-0219-2017-Eu
	Result 0.89350
	Accuracy 99.2%
	Limit 0.721 - 1.081
Calcium (Ca) mg/L	Blank <0.03
	Standard name DMR-0219-2017-Eu
	Result 19.9
	Accuracy 98.5%
	Limit 16.2 - 24.2
Dissolved Organic Carbon (D.O.C.) mg/L	Blank <0.2
	Standard name COD 10mg/L
	Result 11
	Accuracy 90%
	Limit 8 - 12
Total Organic Carbon (T.O.C.) mg/L	Blank <0.2
	Standard name COT 10mg/L
	Result 11
	Accuracy 90%
	Limit 8 - 12
Chloride mg/L	Blank <0.5
	Standard name DMR-0343-2017-Cl
	Result 108
	Accuracy 100%
	Limit 95 - 121
	Sample duplicate 6.4-6.4
Chrome (Cr) mg/L	Blank <0.0006
	Standard name DMR-0219-2017-Eu
	Result 3.886
	Accuracy 96%
	Limit 3.24 - 4.86
Dissolved Chromium (Cr) mg/L	Blank <0.0006
	Standard name DMR-0219-2017-Eu
	Result 4.541
	Accuracy 87.9%
	Limit 3.24 - 4.86
Copper (Cu) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.408
	Accuracy 90%
	Limit 1.02 - 1.54

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

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



Quality control Report

Lab number: V-66286

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

Sampling date: August 01, 2017

Sampling location: ST-10 65.01.11.2.. N 96.02.32.0..W

Sampling hour: 09:30

Parameter	
Dissolved Copper (Cu) mg/L	Blank <0.0005 Standard name DMR-0219-2017-Eu Result 1.525 Accuracy 80.9% Limit 1.02 - 1.54
Total Cyanide (CNT) mg/L	Blank <0.001 Standard name DMR-0343-CN Result 1.26 Accuracy 93.2% Limit 1.003 - 1.357
Tin (Sn) mg/L	Blank <0.001 Standard name DMR-0310-2016-Sn Result 9.94 Accuracy 90.4% Limit 7.26 - 10.88
dissolved Tin (Sn) mg/L	Blank <0.001 Standard name DMR-0310-2016-Sn Result 9.18 Accuracy 98.8% Limit 6.35 - 11.79
Iron (Fe) mg/L	Blank <0.01 Standard name DMR-0219-2017-Eu Result 13.4 Accuracy 82.5% Limit 9.1 - 13.7
Dissolved Iron (Fe) mg/L	Blank <0.01 Standard name DMR-0219-2017-Eu Result 13.4 Accuracy 82.5% Limit 9.1 - 13.7
Hydrocarbons (C10-C50) mg/L	Standard name MR-0.625mg/L Result 0.700 Accuracy 88% Limit 0.438 - 0.813
Hydrocarbons (C10-C50) mg/L	Blank 0.1 Standard name C10C50-200ppm Result 1.30 Accuracy 96% Limit 0.88 - 1.63
Lithium (Li) mg/L	Blank <0.005

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

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



Quality control Report

Lab number: V-66286

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

Sampling date: August 01, 2017

Sampling location: ST-10 65.01.11.2.. N 96.02.32.0..W

Sampling hour: 09:30

Parameter	
	Standard name DMR-0219-2017-Eu
	Result 0.787
	Accuracy 93%
	Limit 0.677 - 1.015
Dissolved Lithium (Li) mg/L	Blank <0.005
	Standard name DMR-0219-2017-Eu
	Result 0.817
	Accuracy 96.6%
	Limit 0.677 - 1.015
Total Suspended Solids mg/L	Blank <1
	Standard name STD-MES 25mg/L
	Result 24
	Accuracy 96%
	Limit 19 - 31
Total Suspended Solids mg/L	Blank <1
	Standard name STD-MES 25mg/L
	Result 21
	Accuracy 84%
	Limit 19 - 31
Magnesium (Mg) mg/L	Blank <0.02
	Standard name DMR-0219-2017-Eu
	Result 7.63
	Accuracy 96.5%
	Limit 6.33 - 9.49
Manganese (Mn) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 3.913
	Accuracy 99.7%
	Limit 3.12 - 4.68
Dissolved Manganese (Mn) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 4.241
	Accuracy 91.3%
	Limit 3.12 - 4.68
Mercury (Hg) mg/L	Blank <0.00001
	Standard name DMR-0343-2017-HgEu
	Result 0.00050
	Accuracy 71.4%
	Limit 0.00042 - 0.00098
Dissolved Mercury (Hg) mg/L	Blank <0.00001

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

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



Quality control Report

Lab number: V-66286

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

Sampling date: August 01, 2017

Sampling location: ST-10 65.01.11.2.. N 96.02.32.0..W

Sampling hour: 09:30

Parameter	
	Standard name DMR-0343-2017-HgEu
	Result 0.00050
	Accuracy 71.4%
	Limit 0.00042 - 0.00098
Molybdenum (Mo) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 0.5825
	Accuracy 82.3%
	Limit 0.566 - 0.850
Dissolved Molybdenum (Mo) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 0.6330
	Accuracy 89.4%
	Limit 0.566 - 0.850
Ammonia NH3 (non-ionized) mg	Blank <0.01
Nickel (Ni) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.106
	Accuracy 97%
	Limit 0.91 - 1.37
Dissolved Nickel (Ni) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.216
	Accuracy 93.3%
	Limit 0.91 - 1.37
Nitrate (NO3) mg N/L	Blank <0.01
Nitrite (NO2) mg N/L	Blank <0.01
	Standard name DMR-0343-2017-NO2
	Result 2.76
	Accuracy 98.2%
	Limit 2.30 - 3.12
Ortho-Phosphate (O-PO4) mg P/	Blank <0.01
	Standard name DMR-0343-2017-OPO4
	Result 3.57
	Accuracy 88.1%
	Limit 2.81 - 3.57
Total Phosphorus (P) mg P/L	Blank <0.01
	Standard name DMR-0343-2017-Ptotal
	Result 1.26
	Accuracy 89.5%

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

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



Quality control Report

Lab number: V-66286

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

Sampling date: August 01, 2017

Sampling location: ST-10 65.01.11.2.. N 96.02.32.0..W

Sampling hour: 09:30

Parameter	
Lead (Pb) mg/L	Limit 1.00 - 1.28 Blank <0.0003 Standard name DMR-0219-2017-Eu Result 0.8361 Accuracy 92.6%
Dissolved Lead (Pb) mg/L	Limit 0.722 - 1.084 Blank <0.0003 Standard name DMR-0219-2017-Eu Result 0.8630 Accuracy 95.6%
Potassium (K) mg/L	Limit 0.722 - 1.084 Blank <0.05 Standard name DMR-0219-2017-Eu Result 18.7 Accuracy 94.9%
Radium (Ra 226) Becquerels/L	Limit 14.2 - 21.4 Blank <0.002 Standard name STD 54982 Result 0.064 Accuracy 92.8%
Selenium (Se) mg/L	Limit 0.059 - 0.079 Blank <0.001 Standard name DMR-0219-2017-Eu Result 1.42 Accuracy 94.8%
Dissolved Selenium (Se) mg/L	Limit 1.08 - 1.62 Blank <0.001 Standard name DMR-0219-2017-Eu Result 1.45 Accuracy 92.6%
Sodium (Na) mg/L	Limit 1.08 - 1.62 Blank <0.05 Standard name DMR-0219-2017-Eu Result 26.6 Accuracy 98.2%
Strontium (Sr) mg/L	Limit 21.7 - 32.5 Blank <0.005 Standard name DMR-0219-2017-Eu Result 1.33 Accuracy 91.9%

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

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



Quality control Report

Lab number: V-66286

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

Sampling date: August 01, 2017

Sampling location: ST-10 65.01.11.2.. N 96.02.32.0..W

Sampling hour: 09:30

Parameter	
dissolved Strontium (Sr) mg/L	Limit 0.98 - 1.48
	Blank <0.005
	Standard name DMR-0219-2017-Eu
	Result 1.42
	Accuracy 84.6%
Sulfate (SO4) mg SO4/L	Limit 0.98 - 1.48
	Blank <0.6
	Standard name DMR-0343-2017-SO4
	Result 121
	Accuracy 98.4%
Thallium (Tl) mg/L	Limit 114 - 132
	Blank <0.0008
	Standard name Tl-S140909023-1000ppm
	Result 949
	Accuracy 94.9%
Dissolved thallium (Tl) mg/L	Limit 800 - 1200
	Blank <0.0008
	Standard name Tl-S140909023-1000ppm
	Result 1146
	Accuracy 85.4%
Titanium (Ti) mg/L	Limit 800 - 1200
	Blank <0.01
	Blank <0.01
	Blank <0.001
	Standard name DMR-0219-2017-Eu
Dissolved titanium (Ti) mg/L	Result 1.66
	Accuracy 94.3%
	Limit 1.41 - 2.11
	Blank <0.001
	Standard name DMR-0219-2017-Eu
Uranium (U) mg/L	Result 1.73
	Accuracy 98.3%
	Limit 1.41 - 2.11
	Blank <0.0005
	Standard name DMR-0219-2017-Eu
Vanadium (V) mg/L	Result 1.821
	Accuracy 91.5%
	Limit 1.59 - 2.39
	Blank <0.0005
	Standard name DMR-0219-2017-Eu
Dissolved Vanadium mg/L	Result 1.821
	Accuracy 91.5%
	Limit 1.59 - 2.39
	Blank <0.0005
	Standard name DMR-0219-2017-Eu

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

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



Quality control Report

Lab number: V-66286

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

Sampling date: August 01, 2017

Sampling location: ST-10 65.01.11.2.. N 96.02.32.0..W

Sampling hour: 09:30

Parameter

	Result 2.142
	Accuracy 92.4%
	Limit 1.59 - 2.39
Zinc (Zn) mg/L	Blank <0.001
	Standard name DMR-0219-2017-Eu

	Result 4.77
	Accuracy 95.4%
	Limit 3.65 - 5.47
Dissolved Zinc mg/L	Blank <0.001
	Standard name DMR-0219-2017-Eu

	Result 5.05
	Accuracy 89.3%
	Limit 3.65 - 5.47

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



Additional information

Lab number: V-66286

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

Sampling location: ST-10 65.01.11.2.. N 96.02.32.0..W

Sampling date: August 01, 2017

Sampling hour: 09:30

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-NH3-2.0	MA.300-N 2.0
M-CL-2.0	MA.300-Ions 1.3
M-CN-1.0	MA.300-CN 1.2
M-HYD-2.0	MA.400-HYD. 1.1
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-P-2.0	MA.303-P 1.1
M-P-3.0	MA. 315-P 2.0
M-SULF-2.0	MA.300-Ions 1.3
M-RA-2.0	APHA 7500-Ra B et EPA P.13 (EMSL-CI)

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

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



Analytical Report

Company: **Agnico Eagle Division Meadowbank**

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

Lab number: M-120179

Sampling location: Sewage

Sampling date: August 07, 2017

Sample name: STP-SEP

Sampling hour: 08:25

Sampled by: Tom T.

Date received: August 08, 2017

Matrix: Water

Drinking water distribution: **N/A**

Reported on: August 11, 2017

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

Results relate only to the sample tested.

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



Analytical Report

Lab number: M-120179

Sample name: STP-SEP

Sampling location: Sewage

Sampling date: August 07, 2017

Sampling hour: 08:25

Parameter	Result	Method name	Analysis date
Fecal coliforms	440 CFU/100ml	M-COLI-1,0	August 09, 2017
Total coliforms	< 10 000 CFU/100ml	M-COLI-2,0	August 09, 2017
Temperature	8.5 °C	M-TEMP-1.0	August 08, 2017
Atypical colonies	220 000 CFU/100ml	M-COLI-2,0	August 09, 2017

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

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



Additional information

Lab number: M-120179

Sample name: STP-SEP

Sampling location: Sewage

Sampling date: August 07, 2017

Sampling hour: 08:25

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

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

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.



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

September 15, 2017

Mhaly Bois-Charlebois
Agnico Eagle Mines Limited
Meadowbank Division
Baker Lake NU
XOC OAO

Dear Mhaly,

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

Enclosed are the reports for sublethal testing conducted on the sample of ST-10/MMER-2 collected 2017-08-07. Data are presented in electronic format. I would very much appreciate it if you could let me know when the data have been accepted by Environment and Climate Change Canada.

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

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

Sincerely,

AQUATOX TESTING & CONSULTING INC.

A handwritten signature in black ink that reads "Nancy Kreager". The signature is written in a cursive, flowing style.

Nancy Kreager
Project Manager

NK/jl



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

TOXICITY TEST REPORT

Fathead minnow
EPS 1/RM/22
1 of 5

Work Order : 234073
Sample Number : 51854

SAMPLE IDENTIFICATION

Company :	Agnico Eagle Mines Limited	Date Collected :	2017-08-07
Location :	Baker Lake NU	Time Collected :	09:00
Substance :	ST-10/MMER-2	Date Received :	2017-08-09
Sampling Method :	Not provided	Time Received :	06:15
Sampled By :	T. Thomson	Date Tested :	2017-08-09
Temp. on arrival :	19.0°C		
Sample Description :	Clear, colourless, mild odour.		
Test Method :	Test of Larval Growth and Survival Using Fathead Minnows. Environment Canada, Conservation and Protection. Ottawa, Ontario. Report EPS 1/RM/22 , 2nd ed. (February 2011).		

TEST RESULTS

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

The results reported relate only to the sample tested.

POTASSIUM CHLORIDE REFERENCE TOXICANT DATA

Date Tested :	2017-08-21	Analyst(s) :	EZ, RD, SEW
Organism Batch :	Fm17-08	Test Duration :	7 days
IC25 Growth (from Biomass) :	0.92 g/L	LC50 :	1.02 g/L*
95% Confidence Limits :	0.86 - 0.96 g/L	95% Confidence Limits :	0.97 - 1.06 g/L
Statistical Method :	Linear Interpolation (CETIS) ^a	Statistical Method :	Spearman-Kärber (CETIS) ^a
Historical Mean IC25 :	0.97 g/L	Historical Mean LC50 :	1.16 g/L
Warning Limits (± 2SD) :	0.84 - 1.13 g/L	Warning Limits (± 2SD) :	1.03 - 1.30 g/L

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

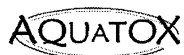
TEST CONDITIONS

Test Organism :	<i>Pimephales promelas</i>	Test Type :	Static Renewal
Organism Batch :	Fm17-08	Control/Dilution Water :	Well water (no chemicals added)
Organism Age :	~07:00 - 22:40 h at start of test	Test Volume / Replicate :	300 mL
Source :	In-house culture	Test Vessel :	420 mL polystyrene beaker
Culture Mortality/Diseased :	0.07 % (previous 7 days)	Depth of Test Solution :	8 cm
pH Adjustment :	None	Organisms per Replicate :	10
Sample Filtration :	60 µm starting 2017-08-09	Number of Replicates :	3
Hardness Adjustment :	None	Daily Renewal Method :	80-85% syphoned and replaced
Test Aeration :	None	Test Method Deviation(s) :	None

COMMENTS

*Note: The reference toxicant test result fell outside of the 95% warning limits for historical data. No other unusual circumstances were observed and therefore the test result is considered acceptable.

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



TOXICITY TEST REPORT

Fathead minnow

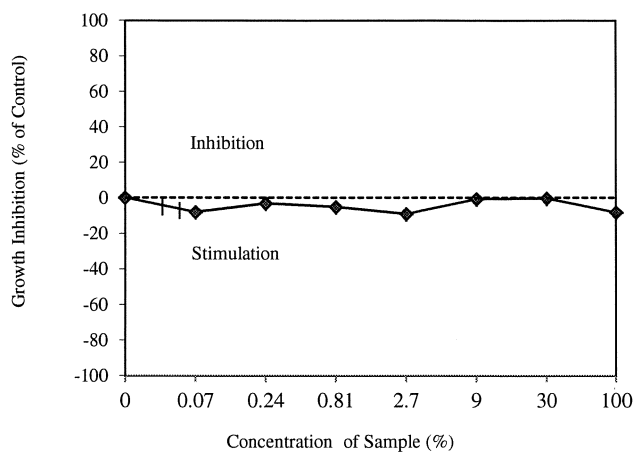
EPS 1/RM/22

2 of 5

Work Order : 234073

Sample Number : 51854

Fathead Minnow Growth Inhibition (based on Biomass)



REFERENCES

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

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

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

Approved By : Nancy Kuega
Project Manager

**TOXICITY TEST REPORT**

Fathead minnow

EPS 1/RM/22

3 of 5

Work Order : 234073
Sample Number : 51854

CUMULATIVE DAILY CONTROL MORTALITY AND IMPAIRMENT ($\pm$ SD)

Date : 2017-08-09 2017-08-10 2017-08-11 2017-08-12 2017-08-13 2017-08-14 2017-08-15 2017-08-16
0.00% ($\pm$ 0.0) 0.00% ($\pm$ 0.0) 0.00% ($\pm$ 0.0) 0.00% ($\pm$ 0.0) 0.00% ($\pm$ 0.0) 0.00% ($\pm$ 0.0) 0.00% ($\pm$ 0.0) 3.33% ($\pm$ 5.8)

FATHEAD MINNOW CUMULATIVE DAILY MORTALITY

Initiation Time : 15:00
Initiation Date : 2017-08-09
Completion Date : 2017-08-16

		Day 0		Day 1		Day 2		Day 3		Day 4		Day 5		Day 6		Day 7		Treatment
Date :		2017-08-09		2017-08-10		2017-08-11		2017-08-12		2017-08-13		2017-08-14		2017-08-15		2017-08-16		Mean Mortality
Analyst(s):		EZ(RD)		TL		TL		AW		EZ(RD)		TL		TL		TL		(± SD)
Concentration		Number	%	Number	%	Number	%	Number	%	Number	%	Number	%	Number	%	Number	%	%
(%)	Replicate	Dead	Dead	Dead	Dead	Dead	Dead	Dead	Dead	Dead	Dead	Dead	Dead	Dead	Dead	Dead	Dead	
Control	A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	10	3.33 (±5.77)
	B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0.07	A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00 (±0.00)
	B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0.24	A	0	0	0	0	0	0	0	0	0	0	0	0	1	10	1	10	3.33 (±5.77)
	B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0.81	A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00 (±0.00)
	B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2.7	A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00 (±0.00)
	B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
9	A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00 (±0.00)
	B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
30	A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3.33 (±5.77)
	B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	10	
	C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
100	A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00 (±0.00)
	B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

Aberrant behaviour or swimming impairment : None

Data Reviewed By: DK
Date : 2017-09-07

Work Order : 234073

Sample Number : 51854

FATHEAD MINNOW DRY WEIGHT AND BIOMASS DATA

Concentration (%)	Replicate	Number of Larvae Exposed	Replicate Mean Dry Weight (mg)	Treatment Mean Biomass (mg)	Standard Deviation
Control	A	10	0.667	0.777	0.097
	B	10	0.851		
	C	10	0.812		
0.07	A	10	0.864	0.840	0.066
	B	10	0.890		
	C	10	0.765		
0.24	A	10	0.771	0.801	0.027
	B	10	0.823		
	C	10	0.810		
0.81	A	10	0.859	0.817	0.038
	B	10	0.784		
	C	10	0.807		
2.7	A	10	0.967	0.847	0.121
	B	10	0.849		
	C	10	0.725		
9	A	10	0.745	0.782	0.044
	B	10	0.771		
	C	10	0.830		
30	A	10	0.784	0.779	0.005
	B	10	0.778		
	C	10	0.775		
100	A	10	0.833	0.841	0.019
	B	10	0.827		
	C	10	0.863		

- NOTES :
- No outlying data points were detected according to Grubbs Test^b.
 - Control average dry weight per surviving organism = 0.801 mg

 Data Reviewed By: DK

 Date : 2017-09-07



TOXICITY TEST REPORT

Work Order : 234073

Sample Number: 51854

Fathead minnow

EPS 1/RM/22

5 of 5

Fathead Minnow Water Chemistry Data

		Initial Chemistry:	Temp. (°C)	DO (mg/L)	pH	Conductivity (µmhos/cm)	Hardness (mg/L as CaCO ₃)	
			24.0	9.0	7.7	233	110	
		Day 0 - 1 2017-08-09	Day 1 - 2 2017-08-10	Day 2 - 3 2017-08-11	Day 3 - 4 2017-08-12	Day 4 - 5 2017-08-13	Day 5 - 6 2017-08-14	Day 6 - 7 2017-08-15
Sub-sample Used		1	1	1	2	2	3	3
Temperature (°C)		24.0	24.0	24.0	24.0	24.0	24.0	24.0
Dissolved Oxygen (mg/L)		9.0	9.2	9.4	9.2	9.2	9.3	9.3
Dissolved Oxygen % Sat. ¹		110	111	114	111	110	110	111
pH		7.7	7.7	7.6	7.6	7.5	7.5	7.5
Pre-aeration Time (min) ²		20	20	20	20	20	20	20
Analyst(s) : Initial		EZ(RD)	TL	EZ(RD)	EZ(RD)	EZ(RD)	TL	EJS
Final		TL	EZ(RD)	EZ(RD)	EZ(RD)	TL	EJS	EZ(RD)
Control (0%)								
Temp.(°C)	Initial	25.0	25.0	24.0	24.0	24.0	24.0	24.0
	Final	25.0	25.0	24.0	24.0	24.0	24.0	24.0
DO % Sat.	Initial	100	100	100	100	100	99	100
	Final	8.3	8.2	8.2	8.2	8.3	8.1	8.2
DO (mg/L)	Initial	8.3	8.2	8.2	8.2	8.3	8.1	8.2
	Final	7.9	7.5	8.0	7.8	7.6	7.9	8.0
pH	Initial	8.3	8.3	8.3	8.3	8.3	8.3	8.3
	Final	8.1	8.1	8.1	8.0	8.0	7.9	8.0
Cond. (µmhos)	Initial	706	696	726	715	690	698	703
0.07 %								
Temp.(°C)	Initial	25.0	25.0	24.0	24.0	24.0	24.0	24.0
	Final	25.0	25.0	24.0	24.0	24.0	24.0	24.0
DO (mg/L)	Initial	8.1	8.3	8.1	8.5	8.4	8.2	8.2
	Final	7.6	7.3	8.0	8.3	7.6	7.9	7.8
pH	Initial	8.2	8.3	8.2	8.2	8.3	8.1	8.1
	Final	8.1	8.0	8.1	8.1	7.9	8.0	7.9
Cond. (µmhos)	Initial	705	702	731	721	702	732	703
9 %								
Temp.(°C)	Initial	25.0	25.0	24.0	24.0	24.0	24.0	24.0
	Final	25.0	25.0	24.0	24.0	24.0	24.0	24.0
DO (mg/L)	Initial	8.3	8.3	8.2	8.6	8.4	8.3	8.2
	Final	7.6	7.5	8.0	8.5	7.5	7.9	7.8
pH	Initial	8.2	8.3	8.3	8.3	8.3	8.1	8.2
	Final	8.1	8.0	8.0	8.0	7.9	8.0	7.9
Cond. (µmhos)	Initial	668	662	689	687	665	692	669
100 %								
Temp.(°C)	Initial	25.0	25.0	24.0	24.0	24.0	24.0	24.0
	Final	25.0	25.0	24.0	24.0	24.0	24.0	24.0
DO (mg/L)	Initial	8.4	8.4	8.2	8.7	8.4	8.3	8.3
	Final	7.6	7.5	8.0	8.1	7.6	7.9	7.5
pH	Initial	8.0	7.7	8.1	8.1	8.0	7.7	7.9
	Final	7.5	7.7	7.8	7.7	7.5	7.8	7.5
Cond. (µmhos)	Initial	234	236	235	234	267	250	234

"—" = not measured

¹ % saturation (adjusted for actual temperature and barometric pressure)

² ≤100 bubbles/minute



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

TOXICITY TEST REPORT

Ceriodaphnia dubia

EPS 1/RM/21

1 of 4

Work Order : 234073

Sample Number : 51854

SAMPLE IDENTIFICATION

Company :	Agnico Eagle Mines Limited	Date Collected :	2017-08-07
Location :	Baker Lake NU	Time Collected :	09:00
Substance :	ST-10/MMER-2	Date Received :	2017-08-09
Sampling Method :	Not provided	Time Received :	06:15
Sampled By :	T. Thomson	Date Tested :	2017-08-09
Temp. on arrival :	19.0°C		
Sample Description :	Clear, colourless, mild odour.		
Test Method :	Test of Reproduction and Survival using the Cladoceran <i>Ceriodaphnia dubia</i> . Environment Canada, Conservation and Protection. Ottawa, Ontario. Report EPS 1/RM/21, 2nd ed. (February 2007).		

TEST RESULTS

Effect	Value	95% Confidence Limits	Statistical Method
LC50	>100%	-	-
IC25 (Reproduction)	59.3%	6.76-89.8	Linear Interpolation (TOXSTAT) d

The results reported relate only to the sample tested.

SODIUM CHLORIDE REFERENCE TOXICANT DATA

Date Tested :	2017-08-10	Analyst(s) :	NL, CN
Organism Batch :	Cd17-08	Test Duration :	6 days
IC25 Reproduction :	1.37 g/L	LC50 :	2.47 g/L
95% Confidence Limits :	1.24 - 1.51 g/L	95% Confidence Limits :	1.99 - 3.07 g/L
Statistical Method :	Linear Interpolation (CETIS)a	Statistical Method :	Spearman-Kärber (CETIS)a
Historical Mean IC25 :	1.37 g/L	Historical Mean LC50 :	2.22 g/L
Warning Limits ($\pm$ 2SD) :	1.02 - 1.83 g/L	Warning Limits ($\pm$ 2SD) :	1.92 - 2.58 g/L

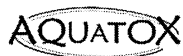
The reference toxicity test was performed under the same experimental conditions as those used with the test sample.

TEST CONDITIONS

Sample Filtration :	60.0 μ m starting on 2017-08-09	Test Volume per Replicate :	15 mL
Test Aeration :	None	Test Vessel :	19 mL polystyrene vial
pH Adjustment :	None	Depth of Test Solution :	4.8 cm
Hardness Adjustment :	None	Organisms per Replicate :	1
Daily Renewal Method :	Transferred to fresh solutions	Number of Replicates :	10
Control/Dilution Water :	Well water (no chemicals added)	Test Method Deviation(s) :	None

COMMENTS

- All test validity criteria as specified in the test method cited above were satisfied.
- Statistical analysis could not be performed using non linear regression, since a suitable model could not be found. Therefore, test results were calculated using Linear Interpolation^d. In test concentrations where reproduction was stimulated (greater than the control), data were replaced with control values for the purposes of statistical analysis, as recommended by Environment Canada (2005).



TOXICITY TEST REPORT

Ceriodaphnia dubia

EPS 1/RM/21

2 of 4

Work Order : 234073
Sample Number : 51854

TEST ORGANISMS

Test Organism : *Ceriodaphnia dubia*
Organism Batch : Cd17-08
Organism Origin : Single in-house mass culture
Test Organism Origin : Individual in-house cultures

Range of Age (at start of test) : 07:35 h - 19:35 h
Mean Brood Organism Mortality : 2%
Ephippia in Culture : No

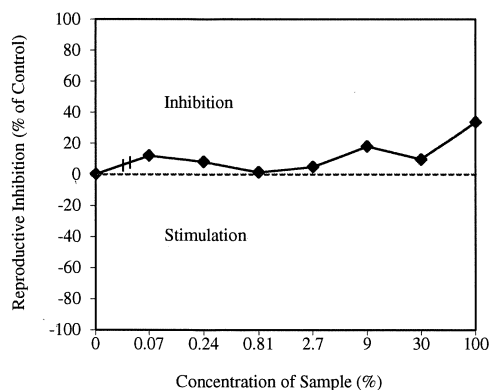
Brood Organism Neonate Production

Replicate :	1	2	3	4	5	6	7	8	9	10	Mean
Total (third or subsequent brood):	9	12	13	10	11	14	12	13	11	13	11.8
Total (first three broods):	19	24	16	19	18	18	19	17	23	19	19.2

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

TEST DATA

Ceriodaphnia dubia Reproductive Inhibition



Cumulative Daily Test Organism Mortality (%)

Date	Test Day	Concentration of Sample (%)							
		Control	0.07	0.24	0.81	2.7	9	30	100
2017-08-10	1	0	0	0	0	0	0	0	0
2017-08-11	2	0	0	0	0	0	0	0	0
2017-08-12	3	0	0	0	0	0	0	0	0
2017-08-13	4	0	0	0	0	0	0	0	0
2017-08-14	5	0	0	0	0	0	0	0	0
2017-08-15	6	0	0	0	0	0	0	0	10
2017-08-16	7	0	0	0	0	0	0	0	10
Total Mortality (%)		0	0	0	0	0	0	0	10

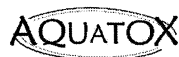
REFERENCES

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

^d West, Inc. and D. Gulley. 1996. Toxstat Release 3.5. Western Ecosystems Technology. Cheyenne, WY, U.S.A.

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

Approved By : Nancy Keeler
Project Manager



TOXICITY TEST REPORT

Ceriodaphnia dubia

EPS 1/RM/21

3 of 4

Work Order : 234073
Sample Number : 51854

Ceriodaphnia dubia Survival and Reproduction

Test Initiation Date : 2017-08-09
Initiation Time : 13:35
Test Completion Date : 2017-08-16

Concentration (%)	Replicate										Mean Young (±SD)	Analyst(s)
Control	Day	1	2	3	4	5	6	7	8	9	10	
2017-08-10	1	0	0	0	0	0	0	0	0	0	0	EJS
2017-08-11	2	0	0	0	0	0	0	0	0	0	0	CG
2017-08-12	3	0	0	0	0	0	0	0	0	0	0	AW
2017-08-13	4	3	0	0	4	2	5	4	4	4	3	AW
2017-08-14	5	12	8	9	13	11	10	10	12	13	9	RD
2017-08-15	6	12	13	0	0	0	14	0	11	0	0	RD
2017-08-16	7	0	0	15	14	8	0	0	0	14	13	RD
Total		27	21	24	31	21	29	14	27	31	25	25.0 (±5.3)

Concentration (%)		Replicate										Mean Young (±SD)
0.07	Day	1	2	3	4	5	6	7	8	9	10	
2017-08-10	1	0	0	0	0	0	0	0	0	0	0	0
2017-08-11	2	0	0	0	0	0	0	0	0	0	0	0
2017-08-12	3	0	0	0	0	0	0	0	0	0	0	0
2017-08-13	4	2	0	0	5	4	5	4	2	0	3	2.5
2017-08-14	5	10	9	2	8	9	12	4	8	8	11	8.1
2017-08-15	6	12	12	0	0	0	15	13	11	9	0	7.2
2017-08-16	7	0	0	10	7	0	0	0	0	12	13	4.2
Total		24	21	12	20	13	32	21	21	29	27	22.0 (±6.4)

Concentration (%)		Replicate										Mean Young (±SD)
0.24	Day	1	2	3	4	5	6	7	8	9	10	
2017-08-10	1	0	0	0	0	0	0	0	0	0	0	0
2017-08-11	2	0	0	0	0	0	0	0	0	0	0	0
2017-08-12	3	0	0	0	0	0	0	0	0	0	0	0
2017-08-13	4	5	5	4	0	4	5	4	5	0	2	3.4
2017-08-14	5	13	7	10	8	13	12	11	13	0	11	9.8
2017-08-15	6	10	13	0	0	0	0	0	0	0	0	2.3
2017-08-16	7	0	0	13	13	10	11	6	12	0	10	7.5
Total		28	25	27	21	27	28	21	30	0 ¹	23	23.0 (±8.6)

Concentration (%)		Replicate										Mean Young (±SD)
0.81	Day	1	2	3	4	5	6	7	8	9	10	
2017-08-10	1	0	0	0	0	0	0	0	0	0	0	0
2017-08-11	2	0	0	0	0	0	0	0	0	0	0	0
2017-08-12	3	0	0	0	0	0	0	0	0	0	0	0
2017-08-13	4	5	6	4	0	4	5	4	5	5	4	4.2
2017-08-14	5	12	9	11	10	9	8	9	14	11	5	9.8
2017-08-15	6	11	12	13	11	10	14	0	14	10	0	9.5
2017-08-16	7	0	0	0	0	0	0	12	0	0	0	1.2
Total		28	27	28	21	23	27	25	33	26	9	24.7 (±6.4)

Concentration (%)		Replicate										Mean Young (±SD)
2.7	Day	1	2	3	4	5	6	7	8	9	10	
2017-08-10	1	0	0	0	0	0	0	0	0	0	0	0
2017-08-11	2	0	0	0	0	0	0	0	0	0	0	0
2017-08-12	3	0	0	0	0	0	0	0	0	0	0	0
2017-08-13	4	3	0	4	2	4	4	5	4	3	4	3.3
2017-08-14	5	11	7	11	12	10	13	8	11	8	10	10.1
2017-08-15	6	13	11	0	0	0	0	0	14	0	0	3.8
2017-08-16	7	0	0	14	11	5	10	14	0	12	0	6.6
Total		27	18	29	25	19	27	27	29	23	14	23.8 (±5.2)

Concentration (%)		Replicate										Mean Young (±SD)
9	Day	1	2	3	4	5	6	7	8	9	10	
2017-08-10	1	0	0	0	0	0	0	0	0	0	0	0
2017-08-11	2	0	0	0	0	0	0	0	0	0	0	0
2017-08-12	3	0	0	0	0	0	0	0	0	0	0	0
2017-08-13	4	4	0	0	4	4	4	4	3	4	0	2.7
2017-08-14	5	10	7	0	11	10	7	10	10	9	9	8.3
2017-08-15	6	13	0	0	0	0	0	0	4	0	10	2.7
2017-08-16	7	0	7	8	10	6	13	11	0	13	0	6.8
Total		27	14	8	25	20	24	25	17	26	19	20.5 (±6.1)

Concentration (%)		Replicate										Mean Young (±SD)
30	Day	1	2	3	4	5	6	7	8	9	10	
2017-08-10	1	0	0	0	0	0	0	0	0	0	0	0
2017-08-11	2	0	0	0	0	0	0	0	0	0	0	0
2017-08-12	3	0	0	0	0	0	0	0	0	0	0	0
2017-08-13	4	4	0	0	0	4	5	2	4	4	0	2.3
2017-08-14	5	8	5	7	8	11	11	9	10	12	7	8.8
2017-08-15	6	10	14	0	0	0	0	0	14	11	11	6
2017-08-16	7	0	0	11	0	9	14	11	0	0	10	5.5
Total		22	19	18	8	24	30	22	28	27	28	22.6 (±6.5)

Concentration (%)		Replicate										Mean Young (±SD)
100	Day	1	2	3	4	5	6	7	8	9	10	
2017-08-10	1	0	0	0	0	0	0	0	0	0	0	0
2017-08-11	2	0	0	0	0	0	0	0	0	0	0	0
2017-08-12	3	0	0	0	0	0	0	0	0	0	0	0
2017-08-13	4	4	0	0	4	4	3	3	2	2	4	2.6
2017-08-14	5	0	5	4	4	5	10	6	9	4	7	5.4
2017-08-15	6	0	x 12	0	0	0	0	0	0	0	0	1.2
2017-08-16	7	0	0	11	7	11	13	7	13	7	5	7.4
Total		4	17	15	15	20	26	16	24	13	16	16.6 (±6.1)

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

¹ Outlier according to Grubbs Test (CETIS)³. Outlying data points were not excluded from statistical analysis, since they could not be attributed to error.

"x"= test organism mortality

"*"= accidental test organism mortality

"- "=4th brood (see 'NOTES')

Data Reviewed By : DK
Date : 2017-09-07

**TOXICITY TEST REPORT***Ceriodaphnia dubia*

EPS 1/RM/21

4 of 4

Work Order : 234073

Sample Number: 51854

***Ceriodaphnia dubia* Water Chemistry Data**

Initial Chemistry:		Temp. (°C)	DO (mg/L)	pH	Conductivity (µmhos/cm)	Hardness (mg/L as CaCO ₃)		
		24.0	9.0	7.7	233	110		
		Day 0 - 1 2017-08-09	Day 1 - 2 2017-08-10	Day 2 - 3 2017-08-11	Day 3 - 4 2017-08-12	Day 4 - 5 2017-08-13	Day 5 - 6 2017-08-14	Day 6 - 7 2017-08-15
Date :								
Sub-sample Used		1	1	1	2	2	3	3
Temperature (°C)		24.0	24.0	24.0	24.0	24.0	24.0	24.0
Dissolved Oxygen (mg/L)		9.0	9.2	9.4	9.2	9.2	9.3	9.3
Dissolved Oxygen % Sat.³		110	111	114	111	110	110	111
pH		7.7	7.7	7.6	7.6	7.5	7.5	7.5
Pre-aeration Time (min)⁴		20	20	20	20	20	20	20
Analyst(s)	Initial	EZ(RD)	TL	EZ(RD)	EZ(RD)	EZ(RD)	TL	EJS
	Final	EZ(RD)	EZ(RD)	EZ(RD)	EZ(RD)	TL	TL	EZ(RD)
Control (0%)								
Temp. (°C)	Initial	25.0	25.0	24.0	24.0	24.0	24.0	24.0
	Final	25.0	25.0	24.0	24.0	24.0	24.0	24.0
DO % Sat. ³	Initial	100	100	100	100	100	99	100
	Final	8.3	8.2	8.2	8.2	8.3	8.1	8.2
DO (mg/L)	Initial	8.3	8.2	8.2	8.2	8.3	8.1	8.2
	Final	7.8	7.4	8.1	8.0	7.8	7.7	8.0
pH	Initial	8.3	8.3	8.3	8.3	8.3	8.3	8.3
	Final	8.1	8.1	8.1	8.1	8.0	8.0	8.0
Cond. (µmhos)	Initial	706	696	726	715	690	698	703
0.07 %								
Temp. (°C)	Initial	25.0	25.0	24.0	24.0	24.0	24.0	24.0
	Final	25.0	25.0	24.0	24.0	24.0	24.0	24.0
DO (mg/L)	Initial	8.1	8.3	8.1	8.5	8.4	8.2	8.2
	Final	7.9	7.5	8.0	8.1	7.7	7.9	8.0
pH	Initial	8.2	8.3	8.2	8.2	8.3	8.1	8.1
	Final	8.2	8.1	8.2	8.1	8.0	8.1	8.1
Cond. (µmhos)	Initial	705	702	731	721	702	732	703
9 %								
Temp. (°C)	Initial	25.0	25.0	24.0	24.0	24.0	24.0	24.0
	Final	25.0	25.0	24.0	24.0	24.0	24.0	24.0
DO (mg/L)	Initial	8.3	8.3	8.2	8.6	8.4	8.3	8.2
	Final	7.9	7.4	8.1	8.3	7.7	7.8	8.0
pH	Initial	8.2	8.3	8.3	8.3	8.3	8.1	8.2
	Final	8.1	8.1	8.1	8.0	8.0	8.0	8.0
Cond. (µmhos)	Initial	668	662	689	687	665	692	669
100 %								
Temp. (°C)	Initial	25.0	25.0	24.0	24.0	24.0	24.0	24.0
	Final	25.0	25.0	24.0	24.0	24.0	24.0	24.0
DO (mg/L)	Initial	8.4	8.4	8.2	8.7	8.4	8.3	8.3
	Final	7.9	7.5	8.0	8.5	7.7	8.0	7.8
pH	Initial	8.0	7.7	8.1	8.1	8.0	7.7	7.9
	Final	7.8	7.8	7.8	7.7	7.6	7.6	7.8
Cond. (µmhos)	Initial	234	236	235	234	267	250	234

"-" = not measured

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



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

TOXICITY TEST REPORT

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

Work Order : 234073
Sample Number : 51854

SAMPLE IDENTIFICATION

Company :	Agnico Eagle Mines Limited	Date Collected :	2017-08-07
Location :	Baker Lake NU	Time Collected :	09:00
Substance :	ST-10/MMER-2	Date Received :	2017-08-09
Sampling Method :	Not provided	Time Received :	06:15
Sampled By :	T. Thomson	Date Tested :	2017-08-10
Temp. on arrival :	19.0°C		
Sample Description :	Clear, colourless, mild odour.		
Test Method :	Test for Measuring the Inhibition of Growth using the Freshwater Macrophyte, <i>Lemna minor</i> . Method Development and Application Section, Environmental Technology Centre, Environment Canada. Ottawa, Ontario. Report EPS 1/RM/37, 2nd ed. (January 2007).		

TEST RESULTS

Effect	Value	95% Confidence Limits	Statistical Method
IC25 (Weight)	>97.0%	-	-
IC25 (FronD Production)	>97.0%	-	Linear Interpolation (CETIS) a

The results reported relate only to the sample tested.

POTASSIUM CHLORIDE REFERENCE TOXICANT DATA

Date Tested :	2017-08-09	Statistical Method :	Non-Linear Regression* (CETIS) ^a
Organism Batch :	Lm17-08	Historical Geometric Mean IC25 :	2.07 g/L
Test Duration :	7 days	Warning Limits ($\pm$ 2SD) :	1.50 - 2.87 g/L
IC25 (FronD Production) :	2.53 g/L	Growth Medium :	Modified APHA
95% Confidence Limits :	2.25 - 2.80 g/L	Analyst(s) :	SEW, CZN

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

TEST CONDITIONS

Test Organism :	<i>Lemna minor</i> L., Strain 7730	Test Type :	Static (no sub-samples required)
Organism Batch :	Lm17-08	Control/Dilution Medium :	Modified APHA
Culture Origin :	UTCC 492	Medium Preparation Water :	Distilled Water
Test Organism Source :	Axenic in-house culture	Source of Water :	Morning Mist
Culture Medium :	Modified Hoaglands E+	Medium Preparation Chemicals :	Modified APHA stocks A, B, C (10 mL/L)
Age (on Test Day 0) :	9 days	Nutrient Spiking of Sample :	Modified APHA stocks A, B, C (10 mL/L)
Health Criteria (in APHA) :	14.2-fold frond increase in 7 days	Replicates per Concentration :	4
Organism Acclimation :	19:15 h in APHA medium	Test Volume per Replicate :	100 mL
Inoculum (Test Day 0) :	2 plants (3 fronds per plant)	Test Vessel :	250 mL glass Erlenmeyer flask
Sample Filtration :	1 μ m (Whatman GF/C)	Depth of Test Solution :	4.0 cm
Sample Pre-aeration :	20 min. at $\leq$ 100 bubbles/min.	Photoperiod/Light Intensity :	Continuous, 4270 - 5300 lux
pH Adjustment :	None	Test Method Deviation(s) :	None
Hardness Adjustment :	None		

COMMENTS

- All test validity criteria as specified in the test method cited above were satisfied.
- Statistical analysis could not be performed using non linear regression, since a suitable model could not be found. Therefore, test results were calculated using Linear Interpolation (CETIS)^a.

*Poisson weighting (CETIS)^a was applied.