



Quality control Report

Lab number: V-66997

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

Sampling date: August 21, 2017

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

Sampling hour: 09:30

Parameter	
	Standard name C00-046-705_X_1000
	Result 0.1137
	Accuracy 86.3%
	Limit 0.0800 - 0.1200
Total Cyanide (CNt) mg/L	Blank <0.001
	Standard name DMR-0343-CN
	Result 1.23
	Accuracy 95.8%
	Limit 1.003 - 1.357
Tin (Sn) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.092
	Accuracy 92%
	Limit 0.0800 - 0.1200
dissolved Tin (Sn) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.093
	Accuracy 93%
	Limit 0.0700 - 0.1300
Iron (Fe) mg/L	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.08
	Accuracy 92%
	Limit 0.800 - 1.200
Dissolved Iron (Fe) mg/L	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.13
	Accuracy 87%
	Limit 0.800 - 1.200
Hydrocarbons (C10-C50) mg/L	Standard name MR-0.625mg/L
	Result 0.600
	Accuracy 96%
	Limit 0.438 - 0.813
Hydrocarbons (C10-C50) mg/L	Blank <0.1
	Standard name 200 ppm(2)
	Result 1.20
	Accuracy 96%
	Limit 0.88 - 1.63
Lithium (Li) mg/L	Blank <0.005
Dissolved Lithium (Li) mg/L	Blank <0.005

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Sampling date: August 21, 2017

Sampling hour: 09:30

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

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

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Sampling hour: 09:30

Parameter	
Potassium (K) mg/L	Limit 0.0800 - 0.1200 Blank <0.05 Standard name C00-046-705_X_1000 Result 0.97 Accuracy 97%
Selenium (Se) mg/L	Limit 0.800 - 1.200 Blank <0.001 Standard name C00-046-705_X_1000 Result 0.097 Accuracy 97%
Dissolved Selenium (Se) mg/L	Limit 0.0800 - 0.1200 Blank <0.001 Standard name C00-046-705_X_1000 Result 0.111 Accuracy 89%
Sodium (Na) mg/L	Limit 0.0800 - 0.1200 Blank <0.05 Standard name C00-046-705_X_1000 Result 1.03 Accuracy 97%
Strontium (Sr) mg/L	Limit 0.800 - 1.200 Blank <0.005
dissolved Strontium (Sr) mg/L	Blank <0.005 Standard name DMR-0219-2017-Eu Result 1.42 Accuracy 84.6%
Thallium (Tl) mg/L	Limit 0.98 - 1.48 Blank <0.0008
Dissolved thallium (Tl) mg/L	Blank <0.0008 Standard name TI-S140909023-1000ppm Result 1070 Accuracy 93%
Titanium (Ti) mg/L	Limit 800 - 1200 Blank <0.01
Dissolved titanium (Ti) mg/L	Blank <0.01
Uranium (U) mg/L	Blank <0.001 Standard name C00-046-705_X_1000 Result 0.090 Accuracy 90% Limit 0.0800 - 0.1200

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

Sampling hour: 09:30

Parameter

Dissolved Uranium (U) mg/L Blank <0.001
Standard name C00-046-705_X_1000
Result 0.107
Accuracy 93%
Limit 0.0800 - 0.1200

Vanadium (V) mg/L Blank <0.0005
Standard name C00-046-705_X_1000
Result 0.1066
Accuracy 93.4%
Limit 0.0800 - 0.1200

Dissolved Vanadium mg/L Blank <0.0005
Standard name C00-046-705_X_1000
Result 0.0999
Accuracy 99.9%
Limit 0.0800 - 0.1200

Zinc (Zn) mg/L Blank <0.001
Standard name C00-046-705_X_1000
Result 0.100
Accuracy 100%
Limit 0.0800 - 0.1200

Dissolved Zinc mg/L Blank <0.001
Standard name C00-046-705_X_1000
Result 0.113
Accuracy 87%
Limit 0.0800 - 0.1200

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Additional information

Lab number: V-66997

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

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

Sampling date: August 21, 2017

Sampling hour: 09:30

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

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

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

Lab number: V-66997

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

Sampling date: August 21, 2017

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

Sampling hour: 09:30

Sampled by: Martin Theriault

Date received: August 22, 2017

Matrix: Water

Drinking water distribution: **Vault**

Reported on: September 11, 2017

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

Results relate only to the sample tested.

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

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Lab number: V-66997

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

Sampling date: August 21, 2017

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

Sampling hour: 09:30

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

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Analytical Report

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Sampling date: August 21, 2017

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

Sampling hour: 09:30

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

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Detection limit

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

Sampling hour: 09:30

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

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Sampling hour: 09:30

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

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Sampling date: August 21, 2017

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

Sampling hour: 09:30

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

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

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Quality control Report

Lab number: V-66997

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

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

Sampling date: August 21, 2017

Sampling hour: 09:30

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

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Quality control Report

Lab number: V-66997

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

Sampling date: August 21, 2017

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

Sampling hour: 09:30

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

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Quality control Report

Lab number: V-66997

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

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

Sampling date: August 21, 2017

Sampling hour: 09:30

Parameter	
	Standard name C00-046-705_X_1000
	Result 0.1137
	Accuracy 86.3%
	Limit 0.0800 - 0.1200
Total Cyanide (CNT) mg/L	Blank <0.001
	Standard name DMR-0343-CN
	Result 1.23
	Accuracy 95.8%
	Limit 1.003 - 1.357
Tin (Sn) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.092
	Accuracy 92%
	Limit 0.0800 - 0.1200
dissolved Tin (Sn) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.093
	Accuracy 93%
	Limit 0.0700 - 0.1300
Iron (Fe) mg/L	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.08
	Accuracy 92%
	Limit 0.800 - 1.200
Dissolved Iron (Fe) mg/L	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.13
	Accuracy 87%
	Limit 0.800 - 1.200
Hydrocarbons (C10-C50) mg/L	Standard name MR-0.625mg/L
	Result 0.600
	Accuracy 96%
	Limit 0.438 - 0.813
Hydrocarbons (C10-C50) mg/L	Blank <0.1
	Standard name 200 ppm(2)
	Result 1.20
	Accuracy 96%
	Limit 0.88 - 1.63
Lithium (Li) mg/L	Blank <0.005
Dissolved Lithium (Li) mg/L	Blank <0.005

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Quality control Report

Lab number: V-66997

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

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

Sampling date: August 21, 2017

Sampling hour: 09:30

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

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Quality control Report

Lab number: V-66997

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

Sampling date: August 21, 2017

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

Sampling hour: 09:30

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

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Quality control Report

Lab number: V-66997

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

Sampling date: August 21, 2017

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

Sampling hour: 09:30

Parameter	
Potassium (K) mg/L	Limit 0.0800 - 0.1200
	Blank <0.05
	Standard name C00-046-705_X_1000
	Result 0.97
	Accuracy 97%
Selenium (Se) mg/L	Limit 0.800 - 1.200
	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.097
	Accuracy 97%
Dissolved Selenium (Se) mg/L	Limit 0.0800 - 0.1200
	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.111
	Accuracy 89%
Sodium (Na) mg/L	Limit 0.0800 - 0.1200
	Blank <0.05
	Standard name C00-046-705_X_1000
	Result 1.03
	Accuracy 97%
Strontium (Sr) mg/L	Limit 0.800 - 1.200
	Blank <0.005
	Standard name DMR-0219-2017-Eu
	Result 1.42
	Accuracy 84.6%
dissolved Strontium (Sr) mg/L	Limit 0.98 - 1.48
	Blank <0.0008
	Blank <0.0008
	Standard name TI-S140909023-1000ppm
	Result 1070
Thallium (Tl) mg/L	Accuracy 93%
	Limit 800 - 1200
	Blank <0.01
	Blank <0.01
	Standard name C00-046-705_X_1000
Dissolved thallium (Tl) mg/L	Result 0.090
	Accuracy 90%
	Limit 0.0800 - 0.1200
	Blank <0.001
	Standard name C00-046-705_X_1000
Uranium (U) mg/L	Result 0.090
	Accuracy 90%
	Limit 0.0800 - 0.1200
	Blank <0.001
	Standard name C00-046-705_X_1000

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Quality control Report

Lab number: V-66997

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

Sampling date: August 21, 2017

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

Sampling hour: 09:30

Parameter

Dissolved Uranium (U) mg/L Blank <0.001
Standard name C00-046-705_X_1000
Result 0.107
Accuracy 93%
Limit 0.0800 - 0.1200

Vanadium (V) mg/L Blank <0.0005
Standard name C00-046-705_X_1000
Result 0.1066
Accuracy 93.4%
Limit 0.0800 - 0.1200

Dissolved Vanadium mg/L Blank <0.0005
Standard name C00-046-705_X_1000
Result 0.0999
Accuracy 99.9%
Limit 0.0800 - 0.1200

Zinc (Zn) mg/L Blank <0.001
Standard name C00-046-705_X_1000
Result 0.100
Accuracy 100%
Limit 0.0800 - 0.1200

Dissolved Zinc mg/L Blank <0.001
Standard name C00-046-705_X_1000
Result 0.113
Accuracy 87%
Limit 0.0800 - 0.1200

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Additional information

Lab number: V-66997

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

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

Sampling date: August 21, 2017

Sampling hour: 09:30

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

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

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

Lab number: V-67089

Sampling location: Dogleg North KIA DUP

Sampling date: August 22, 2017

Sample name: Dogleg North KIA DUP

Sampling hour: 14:30

Sampled by: Fanny L. Isabelle C.

Date received: August 24, 2017

Matrix: Water

Drinking water distribution:

Reported on: September 13, 2017

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

Results relate only to the sample tested.

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

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Analytical Report

Lab number: V-67089

Sample name: Dogleg North KIA DUP

Sampling date: August 22, 2017

Sampling location: Dogleg North KIA DUP

Sampling hour: 14:30

Parameter	Result	Method name	Analysis date
Alkalinity	44 mg CaCO ₃ /L	M-TIT-1.0	August 24, 2017
Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Antimony (Sb)	<0.0001 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Antimony (Sb)	<0.0001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	<0.05 mg N/L	Sous-traitance\H2Lab inc. (SAM)	August 25, 2017
Kjeldahl nitrogen	0.55 mg N/L	Sous-traitance\H2Lab inc. (SAM)	August 25, 2017
Barium (Ba)	0.0045 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Barium (Ba)	0.0043 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
bicarbonate (HCO ₃)	44 mg CaCO ₃ /L	M-TIT-1.0	August 24, 2017
Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Bromides	<0.01 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Calcium (Ca)	9.66 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Carbonate (CO ₃)	<2 mg CaCO ₃ /L	M-TIT-1.0	August 24, 2017
Dissolved Organic Carbon (D.O.C.)	4.3 mg/L	M-COT-1.0	August 24, 2017
Total Organic Carbon (T.O.C.)	4.3 mg/L	M-COT-1.0	August 24, 2017
Chlorophyll A	1.7 µg/L	Sous-traitance\H2Lab inc. (SAM)	September 05, 2017
Chloride	4.4 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Chrome (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Chromium (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Cobalt (Co)	0.0009 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Cobalt (Co)	0.0007 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Conductivity	109 µmhos/cm	M-TIT-1.0	August 24, 2017
Colour	14 Colour units	Sous-traitance\Multilab Direct	August 25, 2017
Copper (Cu)	0.0010 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Copper (Cu)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Cyanide W.A.D.	0.008 mg/L	Sous-traitance\Multilab Direct	September 01, 2017
Total Cyanide (CNT)	0.012 mg/L	Sous-traitance\Multilab Direct	September 01, 2017
Hardness	38 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	September 08, 2017
Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
dissolved Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017

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Analytical Report

Lab number: V-67089

Sample name: Dogleg North KIA DUP

Sampling date: August 22, 2017

Sampling location: Dogleg North KIA DUP

Sampling hour: 14:30

Parameter	Result	Method name	Analysis date
Iron (Fe)	0.51 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Iron (Fe)	0.09 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Fluoride (F)	0.12 mg/L	Sous-traitance\Multilab Direct	September 01, 2017
Lithium (Li)	0.211 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Dissolved Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Total Suspended Solids	5 mg/L	M-SOLI-1.0	August 25, 2017
Magnesium (Mg)	3.42 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Magnesium (Mg)	4.92 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Manganese (Mn)	0.0420 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Manganese (Mn)	0.0635 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Mercury (Hg)	0.00004 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Dissolved Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Molybdenum (Mo)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Molybdenum (Mo)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Ammonia NH3 (non-ionized)	<0.05 mg N/L	Sous-traitance\H2Lab inc. (SAM)	September 12, 2017
Nickel (Ni)	0.0020 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Nickel (Ni)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Nitrate (NO3)	0.01 mg N/L	Sous-traitance\Multilab Direct	August 30, 2017
Nitrite (NO2)	<0.01 mg N/L	Sous-traitance\Multilab Direct	August 30, 2017
Ortho-Phosphate (O-PO4)	<0.01 mg P/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved oxygen	10.2 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
pH	7.19	M-TIT-1.0	August 24, 2017
Total Phosphorus (P) (Trace)	6.4 µg P/L	Sous-traitance\H2Lab inc. (SAM)	August 25, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Potassium (K)	1.25 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Reactive silica (SiO2)	0.70 mg/L	Sous-traitance\Maxxam	August 29, 2017
Sodium (Na)	2.76 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Solids	73 mg/L	M-TIT-1.0	August 24, 2017
Strontium (Sr)	0.044 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
dissolved Strontium (Sr)	0.039 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Sulfate (SO4)	23.2 mg SO4/L	Sous-traitance\Multilab Direct	August 31, 2017
Tellurium (Te)	0.0007 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Dissolved thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Thiocyanate (SCN)	<0.05 mg SCN/L	Sous-traitance\Multilab Direct	August 30, 2017
Thiosulfates (S2O3)	<0.02 mg S2O3/L	Sous-traitance\Multilab Direct	September 05, 2017
Titanium (Ti)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 08, 2017

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Analytical Report

Lab number: V-67089

Sample name: Dogleg North KIA DUP

Sampling date: August 22, 2017

Sampling location: Dogleg North KIA DUP

Sampling hour: 14:30

Parameter	Result	Method name	Analysis date
Dissolved titanium (Ti)	0.01 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Turbidity	2.28 NTU	Sous-traitance\Multilab Direct	August 25, 2017
Uranium (U)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Uranium (U)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Vanadium (V)	0.0027 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Vanadium	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Zinc (Zn)	0.002 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Zinc	<0.001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017

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Detection limit

Lab number: V-67089

Sample name: Dogleg North KIA DUP

Sampling date: August 22, 2017

Sampling location: Dogleg North KIA DUP

Sampling hour: 14:30

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2 mg CaCO ₃ /L		M-TIT-1.0	
Aluminium (Al)	0.003 mg/L		Sous-traitance	
Dissolved Aluminium (Al)	0.006 mg/L		Sous-traitance	
Antimony (Sb)	0.0001 mg/L		Sous-traitance	Yes
Dissolved Antimony (Sb)	0.0001 mg/L		Sous-traitance	
Silver (Ag)	0.0001 mg/L		Sous-traitance	Yes
Dissolved Silver (Ag)	0.0001 mg/L		Sous-traitance	
Arsenic (As)	0.0005 mg/L		Sous-traitance	Yes
Dissolved Arsenic (As)	0.0005 mg/L		Sous-traitance	
Kjeldahl nitrogen	0.05 mg N/L		Sous-traitance	
Barium (Ba)	0.0005 mg/L		Sous-traitance	Yes
Dissolved Barium (Ba)	0.0005 mg/L		Sous-traitance	
Beryllium (Be)	0.0005 mg/L		Sous-traitance	
Dissolved Beryllium (Be)	0.0005 mg/L		Sous-traitance	
bicarbonate (HCO ₃)	2 mg CaCO ₃ /L		M-TIT-1.0	
Boron (B)	0.01 mg/L		Sous-traitance	Yes
Dissolved Boron (B)	0.006 mg/L		Sous-traitance	
Bromides	0.01 mg/L		Sous-traitance	
Cadmium (Cd)	0.00002 mg/L		Sous-traitance	Yes
Dissolved Cadmium (Cd)	0.00002 mg/L		Sous-traitance	
Calcium (Ca)	0.03 mg/L		Sous-traitance	Yes
Carbonate (CO ₃)	2 mg CaCO ₃ /L		M-TIT-1.0	
Dissolved Organic Carbon (D.O.C.)	0.2 mg/L		M-COT-1.0	--
Total Organic Carbon (T.O.C.)	0.2 mg/L		M-COT-1.0	Yes
Chlorophyll A	0.13 µg/L		Sous-traitance	
Chloride	0.5 mg/L		Sous-traitance	Yes
Chrome (Cr)	0.0006 mg/L		Sous-traitance	Yes
Dissolved Chromium (Cr)	0.0006 mg/L		Sous-traitance	
Cobalt (Co)	0.0005 mg/L		Sous-traitance	
Dissolved Cobalt (Co)	0.0005 mg/L		Sous-traitance	
Conductivity	1 µmhos/cm		M-TIT-1.0	Yes
Colour	1 UCV		Sous-traitance	Yes
Copper (Cu)	0.0005 mg/L		Sous-traitance	Yes
Dissolved Copper (Cu)	0.0005 mg/L		Sous-traitance	
Cyanide W.A.D.	0.001 mg/L		Sous-traitance	Yes
Total Cyanide (CNT)	0.001 mg/L		Sous-traitance	Yes
Hardness	1 mg CaCO ₃ /L		Sous-traitance	
Tin (Sn)	0.001 mg/L		Sous-traitance	Yes
dissolved Tin (Sn)	0.001 mg/L		Sous-traitance	
Iron (Fe)	0.01 mg/L		Sous-traitance	Yes

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Detection limit

Lab number: V-67089

Sample name: Dogleg North KIA DUP

Sampling date: August 22, 2017

Sampling location: Dogleg North KIA DUP

Sampling hour: 14:30

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

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Detection limit

Lab number: V-67089

Sample name: Dogleg North KIA DUP

Sampling date: August 22, 2017

Sampling location: Dogleg North KIA DUP

Sampling hour: 14:30

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

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Quality control Report

Lab number: V-67089

Sample name: Dogleg North KIA DUP

Sampling location: Dogleg North KIA DUP

Sampling date: August 22, 2017

Sampling hour: 14:30

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 155 Accuracy 93.1% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006 Standard name C00-046-705_X_1000 Result 0.933 Accuracy 93.3% Limit 0.800 - 1.200
Dissolved Aluminium (Al) mg/L	Blank <0.006 Standard name C00-046-705_X_1000 Result 1.19 Accuracy 81% Limit 0.800 - 1.200
Antimony (Sb) mg/L	Blank <0.0001 Standard name C00-046-705_X_1000 Result 0.0103 Accuracy 97% Limit 0.0080 - 0.0120
Dissolved Antimony (Sb) mg/L	Blank <0.0001 Standard name C00-046-705_X_1000 Result 0.0112 Accuracy 88% Limit 0.0080 - 0.0120
Silver (Ag) mg/L	Blank <0.0001
Dissolved Silver (Ag) mg/L	Blank <0.0001 Standard name DMR-0343-2017-Ag Result 0.6549 Accuracy 81.7% Limit 0.642 - 0.962
Arsenic (As) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0904 Accuracy 90.4% Limit 0.0700 - 0.1300
Dissolved Arsenic (As) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1019 Accuracy 98.1% Limit 0.0800 - 0.1200

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Quality control Report

Lab number: V-67089

Sample name: Dogleg North KIA DUP

Sampling location: Dogleg North KIA DUP

Sampling date: August 22, 2017

Sampling hour: 14:30

Parameter	
Barium (Ba) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0935 Accuracy 93.5% Limit 0.0800 - 0.1200
Dissolved Barium (Ba) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1021 Accuracy 97.9% Limit 0.0800 - 0.1200
Beryllium (Be) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0956 Accuracy 95.6% Limit 0.0800 - 0.1200
Dissolved Beryllium (Be) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1165 Accuracy 83.5% Limit 0.0800 - 0.1200
Boron (B) mg/L	Blank <0.01 Standard name C00-046-705_X_1000 Result 0.99 Accuracy 99% Limit 0.800 - 1.200
Dissolved Boron (B) mg/L	Blank <0.01 Standard name C00-046-705_X_1000 Result 1.15 Accuracy 85% Limit 0.800 - 1.200
Bromides mg/L	Blank <0.01 Standard name DMR-0119-2017-Br Result 5.20 Accuracy 92.4% Limit 4.50 - 6.76
Cadmium (Cd) mg/L	Blank <0.00002 Standard name C00-046-705_X_1000 Result 0.09157 Accuracy 91.6% Limit 0.0800 - 0.1200

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Quality control Report

Lab number: V-67089

Sample name: Dogleg North KIA DUP

Sampling date: August 22, 2017

Sampling location: Dogleg North KIA DUP

Sampling hour: 14:30

Parameter	
Dissolved Cadmium (Cd) mg/L	Blank <0.00002 Standard name C00-046-705_X_1000 Result 0.11683 Accuracy 83.2% Limit 0.0800 - 0.1200
Calcium (Ca) mg/L	Blank <0.03 Standard name C00-046-705_X_1000 Result 0.89 Accuracy 89% Limit 0.800 - 1.200
Dissolved Organic Carbon (D.O.C.) mg/L	Blank <0.2 Standard name COD 10mg/L Result 11 Accuracy 90% Limit 8 - 12
Total Organic Carbon (T.O.C.) mg/L	Blank <0.2 Standard name COT 10mg/L Result 11 Accuracy 90% Limit 8 - 12
Chloride mg/L	Blank <0.5 Standard name DMR-0417-2017-Cl Result 112 Accuracy 96.3% Limit 95 - 121
Chrome (Cr) mg/L	Blank <0.0006 Standard name C00-046-705_X_1000 Result 0.0963 Accuracy 96.3% Limit 0.0800 - 0.1200
Dissolved Chromium (Cr) mg/L	Blank <0.0006 Standard name C00-046-705_X_1000 Result 0.1160 Accuracy 84% Limit 0.0800 - 0.1200
Cobalt (Co) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0927 Accuracy 92.7% Limit 0.0800 - 0.1200

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Quality control Report

Lab number: V-67089

Sample name: Dogleg North KIA DUP

Sampling date: August 22, 2017

Sampling location: Dogleg North KIA DUP

Sampling hour: 14:30

Parameter	
Dissolved Cobalt (Co) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1127 Accuracy 87.3% Limit 0.0800 - 0.1200
Conductivity µmhos/cm	Standard name STD cond maison Result 1406 Accuracy 99.4% Limit 1203 - 1627
Colour UCV	Blank <1 Standard name DMR-0417-2017-Coul Result 89 Accuracy 97.7% Limit 67 - 107
Copper (Cu) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0982 Accuracy 98.2% Limit 0.0800 - 0.1200
Dissolved Copper (Cu) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1142 Accuracy 85.8% Limit 0.0800 - 0.1200
Cyanide W.A.D. mg/L	Blank <0.001 Standard name DMR-0343-CN Result 0.928 Accuracy 94.9% Limit 0.751 - 1.015
Total Cyanide (CNt) mg/L	Blank <0.001 Standard name DMR-0343-CN Result 1.26 Accuracy 93.2% Limit 1.003 - 1.357
Tin (Sn) mg/L	Blank <0.001 Standard name DMR-0310-2016-Sn Result 8.03 Accuracy 88.5% Limit 7.26 - 10.88
dissolved Tin (Sn) mg/L	Blank <0.001

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Quality control Report

Lab number: V-67089

Sample name: Dogleg North KIA DUP

Sampling location: Dogleg North KIA DUP

Sampling date: August 22, 2017

Sampling hour: 14:30

Parameter	
	Standard name DMR-0310-2016-Sn
	Result 6.45
	Accuracy 71.1%
	Limit 6.35 - 11.79
Iron (Fe) mg/L	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.08
	Accuracy 92%
	Limit 0.800 - 1.200
Dissolved Iron (Fe) mg/L	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.20
	Accuracy 80%
	Limit 0.800 - 1.200
Fluoride (F) mg/L	Blank <0.02
	Standard name DMR-0417-2017-F
	Result 2.29
	Accuracy 99.6%
	Limit 2.13 - 2.47
Lithium (Li) mg/L	Blank <0.005
Dissolved Lithium (Li) mg/L	Blank <0.005
Total Suspended Solids mg/L	Blank <1
	Standard name STD-MES 25mg/L
	Result 27
	Accuracy 92%
	Limit 19 - 31
Magnesium (Mg) mg/L	Blank <0.02
	Standard name C00-046-705_X_1000
	Result 0.98
	Accuracy 98%
	Limit 0.800 - 1.200
Dissolved Magnesium (Mg) mg/L	Blank <0.02
	Standard name C00-046-705_X_1000
	Result 1.18
	Accuracy 82%
	Limit 0.800 - 1.200
Manganese (Mn) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0918
	Accuracy 91.8%

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Quality control Report

Lab number: V-67089

Sample name: Dogleg North KIA DUP

Sampling date: August 22, 2017

Sampling location: Dogleg North KIA DUP

Sampling hour: 14:30

Parameter	
Dissolved Manganese (Mn) mg/L	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1156
	Accuracy 84.4%
Mercury (Hg) mg/L	Limit 0.0800 - 0.1200
	Blank <0.00001
	Standard name DMR-0343-2017-HgEu
	Result 0.00050
	Accuracy 71.4%
Dissolved Mercury (Hg) mg/L	Limit 0.00042 - 0.00098
	Blank <0.00001
	Standard name C00-046-705_X_1000
	Result 0.0861
	Accuracy 86.1%
Molybdenum (Mo) mg/L	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1103
	Accuracy 89.7%
Dissolved Molybdenum (Mo) mg/L	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0963
	Accuracy 96.3%
Nickel (Ni) mg/L	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1156
	Accuracy 84.4%
Dissolved Nickel (Ni) mg/L	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1156
	Accuracy 84.4%
Nitrate (NO ₃) mg N/L	Limit 0.0800 - 0.1200
	Blank <0.01
	Standard name DMR-0417-2017-NO ₂
	Result 2.71
	Accuracy 100%
Nitrite (NO ₂) mg N/L	Limit 2.30 - 3.12
	Blank <0.01
	Standard name DMR-0417-2017-OPO ₄
	Result 2.71
	Accuracy 100%
Ortho-Phosphate (O-PO ₄) mg P/L	Limit 2.30 - 3.12
	Blank <0.01
	Standard name DMR-0417-2017-OPO ₄
	Result 2.71
	Accuracy 100%

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Quality control Report

Lab number: V-67089

Sample name: Dogleg North KIA DUP

Sampling location: Dogleg North KIA DUP

Sampling date: August 22, 2017

Sampling hour: 14:30

Parameter	
pH	Result 2.82
	Accuracy 88.4%
	Limit 2.81 - 3.57
	Standard name STD pH 7.0
	Result 7.00
Lead (Pb) mg/L	Accuracy 100%
	Limit 6.96 - 7.04
	Blank <0.0003
	Standard name C00-046-705_X_1000
	Result 0.0848
Dissolved Lead (Pb) mg/L	Accuracy 84.8%
	Limit 0.0800 - 0.1200
	Blank <0.0003
	Standard name C00-046-705_X_1000
	Result 0.0919
Potassium (K) mg/L	Accuracy 91.9%
	Limit 0.0800 - 0.1200
	Blank <0.05
	Standard name C00-046-705_X_1000
	Result 0.89
Selenium (Se) mg/L	Accuracy 89%
	Limit 0.800 - 1.200
	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.091
Dissolved Selenium (Se) mg/L	Accuracy 91%
	Limit 0.0800 - 0.1200
	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.113
Sodium (Na) mg/L	Accuracy 87%
	Limit 0.0800 - 0.1200
	Blank <0.05
	Standard name C00-046-705_X_1000
	Result 0.89
Strontium (Sr) mg/L	Accuracy 89%
	Limit 0.800 - 1.200
	Blank <0.005
	Blank <0.005
	Blank <0.6
dissolved Strontium (Sr) mg/L	
Sulfate (SO4) mg SO4/L	

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Quality control Report

Lab number: V-67089

Sample name: Dogleg North KIA DUP

Sampling location: Dogleg North KIA DUP

Sampling date: August 22, 2017

Sampling hour: 14:30

Parameter	
Tellurium (Te) mg/L	Standard name DMR-0417-2017-SO4
	Result 116
	Accuracy 94.3%
	Limit 114 - 132
	Blank <0.0005
Thallium (Tl) mg/L	Standard name C00-046-705_X_1000
	Result 0.0967
	Accuracy 96.7%
	Limit 0.0800 - 0.1200
Dissolved thallium (Tl) mg/L	Blank <0.0008
Thiocyanate (SCN) mg SCN/L	Blank <0.05
	Standard name STD SCN 568ppm
	Result 593
	Accuracy 95.6%
Thiosulfates (S2O3) mg S2O3/L	Limit 398 - 738
	Blank <0.02
	Standard name S2O3-225ppm
	Result 212
Titanium (Ti) mg/L	Accuracy 94.2%
	Limit 158 - 293
	Blank <0.01
	Blank <0.01
Dissolved titanium (Ti) mg/L	Standard name DMR-0417-2017-Turb
	Result 4.60
	Accuracy 88.6%
	Limit 4.41 - 5.97
Turbidity UTN	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.093
	Accuracy 93%
Uranium (U) mg/L	Limit 0.0800 - 0.1200
	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.113
Dissolved Uranium (U) mg/L	Accuracy 87%
	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name C00-046-705_X_1000
Vanadium (V) mg/L	Result 0.0935

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Quality control Report

Lab number: V-67089

Sample name: Dogleg North KIA DUP

Sampling date: August 22, 2017

Sampling location: Dogleg North KIA DUP

Sampling hour: 14:30

Parameter

	Accuracy 93.5%
	Limit 0.0800 - 0.1200
Dissolved Vanadium mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1170

	Accuracy 83%
	Limit 0.0800 - 0.1200
Zinc (Zn) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.094

	Accuracy 94%
	Limit 0.0800 - 0.1200
Dissolved Zinc mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.107

	Accuracy 93%
	Limit 0.0800 - 0.1200

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Additional information

Lab number: V-67089

Sample name: Dogleg North KIA DUP

Sampling location: Dogleg North KIA DUP

Sampling date: August 22, 2017

Sampling hour: 14:30

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

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

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

Lab number: V-67088

Sampling location: Dogleg North KIA

Sampling date: August 22, 2017

Sample name: Dogleg North KIA

Sampling hour: 14:30

Sampled by: Fanny L. Isabelle C.

Date received: August 24, 2017

Matrix: Water

Drinking water distribution:

Reported on: September 13, 2017

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

Results relate only to the sample tested.

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

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

Lab number: V-67088

Sample name: Dogleg North KIA

Sampling location: Dogleg North KIA

Sampling date: August 22, 2017

Sampling hour: 14:30

Parameter	Result	Method name	Analysis date
Alkalinity	49 mg CaCO ₃ /L	M-TIT-1.0	August 24, 2017
Aluminium (Al)	0.017 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Antimony (Sb)	0.0001 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Antimony (Sb)	<0.0001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	<0.05 mg N/L	Sous-traitance\H2Lab inc. (SAM)	August 25, 2017
Kjeldahl nitrogen	0.59 mg N/L	Sous-traitance\H2Lab inc. (SAM)	August 25, 2017
Barium (Ba)	0.0086 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Barium (Ba)	0.0046 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
bicarbonate (HCO ₃)	49 mg CaCO ₃ /L	M-TIT-1.0	August 24, 2017
Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Bromides	0.04 mg/L	Sous-traitance\Multilab Direct	September 12, 2017
Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Calcium (Ca)	9.81 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Carbonate (CO ₃)	<2 mg CaCO ₃ /L	M-TIT-1.0	August 24, 2017
Dissolved Organic Carbon (D.O.C.)	4.4 mg/L	M-COT-1.0	August 24, 2017
Total Organic Carbon (T.O.C.)	4.4 mg/L	M-COT-1.0	August 24, 2017
Chlorophyll A	2.1 µg/L	Sous-traitance\H2Lab inc. (SAM)	September 05, 2017
Chloride	4.4 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Chrome (Cr)	0.0008 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Chromium (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Cobalt (Co)	0.0009 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Cobalt (Co)	0.0006 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Conductivity	109 µmhos/cm	M-TIT-1.0	August 24, 2017
Colour	13 Colour units	Sous-traitance\Multilab Direct	August 25, 2017
Copper (Cu)	0.0010 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Copper (Cu)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Cyanide W.A.D.	0.009 mg/L	Sous-traitance\Multilab Direct	September 01, 2017
Total Cyanide (CNT)	0.017 mg/L	Sous-traitance\Multilab Direct	September 01, 2017
Hardness	38 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	September 08, 2017
Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
dissolved Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017

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Analytical Report

Lab number: V-67088

Sample name: Dogleg North KIA

Sampling date: August 22, 2017

Sampling location: Dogleg North KIA

Sampling hour: 14:30

Parameter	Result	Method name	Analysis date
Iron (Fe)	0.65 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Iron (Fe)	0.08 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Fluoride (F)	0.12 mg/L	Sous-traitance\Multilab Direct	September 01, 2017
Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	September 12, 2017
Dissolved Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Total Suspended Solids	4 mg/L	M-SOLI-1.0	August 25, 2017
Magnesium (Mg)	3.28 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Magnesium (Mg)	4.67 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Manganese (Mn)	0.0421 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Manganese (Mn)	0.0584 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Mercury (Hg)	0.00007 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Dissolved Mercury (Hg)	0.00005 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Molybdenum (Mo)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Molybdenum (Mo)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Ammonia NH3 (non-ionized)	<0.05 mg N/L	Sous-traitance\H2Lab inc. (SAM)	September 12, 2017
Nickel (Ni)	0.0016 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Nickel (Ni)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Nitrate (NO3)	0.01 mg N/L	Sous-traitance\Multilab Direct	August 30, 2017
Nitrite (NO2)	<0.01 mg N/L	Sous-traitance\Multilab Direct	August 30, 2017
Ortho-Phosphate (O-PO4)	<0.01 mg P/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved oxygen	9.7 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
pH	7.18	M-TIT-1.0	August 24, 2017
Total Phosphorus (P) (Trace)	6.8 µg P/L	Sous-traitance\H2Lab inc. (SAM)	August 25, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Potassium (K)	1.10 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Reactive silica (SiO2)	0.75 mg/L	Sous-traitance\Maxxam	August 29, 2017
Sodium (Na)	2.62 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Solids	73 mg/L	M-TIT-1.0	August 24, 2017
Strontium (Sr)	0.041 mg/L	Sous-traitance\Multilab Direct	September 12, 2017
dissolved Strontium (Sr)	0.043 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Sulfate (SO4)	20.4 mg SO4/L	Sous-traitance\Multilab Direct	August 31, 2017
Tellurium (Te)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	September 12, 2017
Dissolved thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Thiocyanate (SCN)	<0.05 mg SCN/L	Sous-traitance\Multilab Direct	August 30, 2017
Thiosulfates (S2O3)	<0.02 mg S2O3/L	Sous-traitance\Multilab Direct	September 05, 2017
Titanium (Ti)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 08, 2017

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Analytical Report

Lab number: V-67088

Sample name: Dogleg North KIA

Sampling date: August 22, 2017

Sampling location: Dogleg North KIA

Sampling hour: 14:30

Parameter	Result	Method name	Analysis date
Dissolved titanium (Ti)	0.01 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Turbidity	2.16 NTU	Sous-traitance\Multilab Direct	August 25, 2017
Uranium (U)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Uranium (U)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Vanadium (V)	0.0020 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Vanadium	0.0018 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Zinc (Zn)	0.003 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Zinc	<0.001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017

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Detection limit

Lab number: V-67088

Sample name: Dogleg North KIA

Sampling date: August 22, 2017

Sampling location: Dogleg North KIA

Sampling hour: 14:30

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2 mg CaCO ₃ /L		M-TIT-1.0	
Aluminium (Al)	0.003 mg/L		Sous-traitance	
Dissolved Aluminium (Al)	0.006 mg/L		Sous-traitance	
Antimony (Sb)	0.0001 mg/L		Sous-traitance	Yes
Dissolved Antimony (Sb)	0.0001 mg/L		Sous-traitance	
Silver (Ag)	0.0001 mg/L		Sous-traitance	Yes
Dissolved Silver (Ag)	0.0001 mg/L		Sous-traitance	
Arsenic (As)	0.0005 mg/L		Sous-traitance	Yes
Dissolved Arsenic (As)	0.0005 mg/L		Sous-traitance	
Kjeldahl nitrogen	0.05 mg N/L		Sous-traitance	
Barium (Ba)	0.0005 mg/L		Sous-traitance	Yes
Dissolved Barium (Ba)	0.0005 mg/L		Sous-traitance	
Beryllium (Be)	0.0005 mg/L		Sous-traitance	
Dissolved Beryllium (Be)	0.0005 mg/L		Sous-traitance	
bicarbonate (HCO ₃)	2 mg CaCO ₃ /L		M-TIT-1.0	
Boron (B)	0.01 mg/L		Sous-traitance	Yes
Dissolved Boron (B)	0.006 mg/L		Sous-traitance	
Bromides	0.01 mg/L		Sous-traitance	
Cadmium (Cd)	0.00002 mg/L		Sous-traitance	Yes
Dissolved Cadmium (Cd)	0.00002 mg/L		Sous-traitance	
Calcium (Ca)	0.03 mg/L		Sous-traitance	Yes
Carbonate (CO ₃)	2 mg CaCO ₃ /L		M-TIT-1.0	
Dissolved Organic Carbon (D.O.C.)	0.2 mg/L		M-COT-1.0	--
Total Organic Carbon (T.O.C.)	0.2 mg/L		M-COT-1.0	Yes
Chlorophyll A	0.13 µg/L		Sous-traitance	
Chloride	0.5 mg/L		Sous-traitance	Yes
Chrome (Cr)	0.0006 mg/L		Sous-traitance	Yes
Dissolved Chromium (Cr)	0.0006 mg/L		Sous-traitance	
Cobalt (Co)	0.0005 mg/L		Sous-traitance	
Dissolved Cobalt (Co)	0.0005 mg/L		Sous-traitance	
Conductivity	1 µmhos/cm		M-TIT-1.0	Yes
Colour	1 UCV		Sous-traitance	Yes
Copper (Cu)	0.0005 mg/L		Sous-traitance	Yes
Dissolved Copper (Cu)	0.0005 mg/L		Sous-traitance	
Cyanide W.A.D.	0.001 mg/L		Sous-traitance	Yes
Total Cyanide (CNT)	0.001 mg/L		Sous-traitance	Yes
Hardness	1 mg CaCO ₃ /L		Sous-traitance	
Tin (Sn)	0.001 mg/L		Sous-traitance	Yes
dissolved Tin (Sn)	0.001 mg/L		Sous-traitance	
Iron (Fe)	0.01 mg/L		Sous-traitance	Yes

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Detection limit

Lab number: V-67088

Sample name: Dogleg North KIA

Sampling date: August 22, 2017

Sampling location: Dogleg North KIA

Sampling hour: 14:30

Parameter	Value	Unit	Method	Accreditation
Dissolved Iron (Fe)	0.01	mg/L	Sous-traitance	
Fluoride (F)	0.02	mg/L	Sous-traitance	Yes
Lithium (Li)	0.005	mg/L	Sous-traitance	
Dissolved Lithium (Li)	0.005	mg/L	Sous-traitance	
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Magnesium (Mg)	0.02	mg/L	Sous-traitance	Yes
Dissolved Magnesium (Mg)	0.02	mg/L	Sous-traitance	
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Manganese (Mn)	0.0005	mg/L	Sous-traitance	
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Dissolved Mercury (Hg)	0.00001	mg/L	Sous-traitance	
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Nickel (Ni)	0.0005	mg/L	Sous-traitance	
Nitrate (NO ₃)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO ₂)	0.01	mg N/L	Sous-traitance	Yes
Ortho-Phosphate (O-PO ₄)	0.01	mg P/L	Sous-traitance	Yes
Dissolved oxygen	0.1	mg/L	Sous-traitance	
pH			M-TIT-1.0	Yes
Total Phosphorus (P) (Trace)	1.9	µg P/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Dissolved Lead (Pb)	0.0003	mg/L	Sous-traitance	
Potassium (K)	0.05	mg/L	Sous-traitance	
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Dissolved Selenium (Se)	0.001	mg/L	Sous-traitance	
Reactive silica (SiO ₂)		mg/L	Sous-traitance	
Sodium (Na)	0.05	mg/L	Sous-traitance	Yes
Dissolved Solids	1	mg/L	M-TIT-1.0	
Strontium (Sr)	0.005	mg/L	Sous-traitance	
dissolved Strontium (Sr)	0.005	mg/L	Sous-traitance	
Sulfate (SO ₄)	0.6	mg SO ₄ /L	Sous-traitance	Yes
Tellurium (Te)	0.0005	mg/L	Sous-traitance	
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Dissolved thallium (Tl)	0.0008	mg/L	Sous-traitance	
Thiocyanate (SCN)	0.05	mg SCN/L	Sous-traitance	Yes
Thiosulfates (S ₂ O ₃)	0.02	mg S ₂ O ₃ /L	Sous-traitance	Yes
Titanium (Ti)	0.01	mg/L	Sous-traitance	
Dissolved titanium (Ti)	0.01	mg/L	Sous-traitance	
Turbidity	0.02	UTN	Sous-traitance	Yes

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Detection limit

Lab number: V-67088

Sample name: Dogleg North KIA

Sampling date: August 22, 2017

Sampling location: Dogleg North KIA

Sampling hour: 14:30

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

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Quality control Report

Lab number: V-67088

Sample name: Dogleg North KIA

Sampling location: Dogleg North KIA

Sampling date: August 22, 2017

Sampling hour: 14:30

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 155 Accuracy 93.1% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006 Standard name C00-046-705_X_1000 Result 0.933 Accuracy 93.3% Limit 0.800 - 1.200
Dissolved Aluminium (Al) mg/L	Blank <0.006 Standard name C00-046-705_X_1000 Result 1.19 Accuracy 81% Limit 0.800 - 1.200
Antimony (Sb) mg/L	Blank <0.0001 Standard name C00-046-705_X_1000 Result 0.0103 Accuracy 97% Limit 0.0080 - 0.0120
Dissolved Antimony (Sb) mg/L	Blank <0.0001 Standard name C00-046-705_X_1000 Result 0.0112 Accuracy 88% Limit 0.0080 - 0.0120
Silver (Ag) mg/L	Blank <0.0001
Dissolved Silver (Ag) mg/L	Blank <0.0001 Standard name DMR-0343-2017-Ag Result 0.6549 Accuracy 81.7% Limit 0.642 - 0.962
Arsenic (As) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0904 Accuracy 90.4% Limit 0.0700 - 0.1300
Dissolved Arsenic (As) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1019 Accuracy 98.1% Limit 0.0800 - 0.1200

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Quality control Report

Lab number: V-67088

Sample name: Dogleg North KIA

Sampling location: Dogleg North KIA

Sampling date: August 22, 2017

Sampling hour: 14:30

Parameter	
Barium (Ba) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0935 Accuracy 93.5% Limit 0.0800 - 0.1200
Dissolved Barium (Ba) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1021 Accuracy 97.9% Limit 0.0800 - 0.1200
Beryllium (Be) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0956 Accuracy 95.6% Limit 0.0800 - 0.1200
Dissolved Beryllium (Be) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1165 Accuracy 83.5% Limit 0.0800 - 0.1200
Boron (B) mg/L	Blank <0.01 Standard name C00-046-705_X_1000 Result 0.99 Accuracy 99% Limit 0.800 - 1.200
Dissolved Boron (B) mg/L	Blank <0.01 Standard name C00-046-705_X_1000 Result 1.15 Accuracy 85% Limit 0.800 - 1.200
Bromides mg/L	Blank <0.01 Standard name DMR-0119-2017-Br Result 5.52 Accuracy 98% Limit 4.50 - 6.76
Cadmium (Cd) mg/L	Blank <0.00002 Standard name C00-046-705_X_1000 Result 0.09157 Accuracy 91.6% Limit 0.0800 - 0.1200

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Quality control Report

Lab number: V-67088

Sample name: Dogleg North KIA

Sampling location: Dogleg North KIA

Sampling date: August 22, 2017

Sampling hour: 14:30

Parameter	
Dissolved Cadmium (Cd) mg/L	Blank <0.00002 Standard name C00-046-705_X_1000 Result 0.11683 Accuracy 83.2% Limit 0.0800 - 0.1200
Calcium (Ca) mg/L	Blank <0.03 Standard name C00-046-705_X_1000 Result 0.89 Accuracy 89% Limit 0.800 - 1.200
Dissolved Organic Carbon (D.O.C.) mg/L	Blank <0.2 Standard name COD 10mg/L Result 11 Accuracy 90% Limit 8 - 12
Total Organic Carbon (T.O.C.) mg/L	Blank <0.2 Standard name COT 10mg/L Result 11 Accuracy 90% Limit 8 - 12
Chloride mg/L	Blank <0.5 Standard name DMR-0417-2017-Cl Result 112 Accuracy 96.3% Limit 95 - 121
Chrome (Cr) mg/L	Blank <0.0006 Standard name C00-046-705_X_1000 Result 0.0963 Accuracy 96.3% Limit 0.0800 - 0.1200
Dissolved Chromium (Cr) mg/L	Blank <0.0006 Standard name C00-046-705_X_1000 Result 0.1160 Accuracy 84% Limit 0.0800 - 0.1200
Cobalt (Co) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0927 Accuracy 92.7% Limit 0.0800 - 0.1200

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Quality control Report

Lab number: V-67088

Sample name: Dogleg North KIA

Sampling location: Dogleg North KIA

Sampling date: August 22, 2017

Sampling hour: 14:30

Parameter	
Dissolved Cobalt (Co) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1127 Accuracy 87.3% Limit 0.0800 - 0.1200
Conductivity µmhos/cm	Standard name STD cond maison Result 1406 Accuracy 99.4% Limit 1203 - 1627
Colour UCV	Blank <1 Standard name DMR-0417-2017-Coul Result 89 Accuracy 97.7% Limit 67 - 107
Copper (Cu) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0982 Accuracy 98.2% Limit 0.0800 - 0.1200
Dissolved Copper (Cu) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1142 Accuracy 85.8% Limit 0.0800 - 0.1200
Cyanide W.A.D. mg/L	Blank <0.001 Standard name DMR-0343-CN Result 0.928 Accuracy 94.9% Limit 0.751 - 1.015
Total Cyanide (CNt) mg/L	Blank <0.001 Standard name DMR-0343-CN Result 1.26 Accuracy 93.2% Limit 1.003 - 1.357
Tin (Sn) mg/L	Blank <0.001 Standard name DMR-0310-2016-Sn Result 8.03 Accuracy 88.5% Limit 7.26 - 10.88
dissolved Tin (Sn) mg/L	Blank <0.001

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Quality control Report

Lab number: V-67088

Sample name: Dogleg North KIA

Sampling location: Dogleg North KIA

Sampling date: August 22, 2017

Sampling hour: 14:30

Parameter	
	Standard name DMR-0310-2016-Sn
	Result 6.45
	Accuracy 71.1%
	Limit 6.35 - 11.79
Iron (Fe) mg/L	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.08
	Accuracy 92%
	Limit 0.800 - 1.200
Dissolved Iron (Fe) mg/L	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.20
	Accuracy 80%
	Limit 0.800 - 1.200
Fluoride (F) mg/L	Blank <0.02
	Standard name DMR-0417-2017-F
	Result 2.29
	Accuracy 99.6%
	Limit 2.13 - 2.47
	Sample duplicate 0.12-0.13
Lithium (Li) mg/L	Blank <0.005
Dissolved Lithium (Li) mg/L	Blank <0.005
Total Suspended Solids mg/L	Blank <1
	Standard name STD-MES 25mg/L
	Result 27
	Accuracy 92%
	Limit 19 - 31
	Sample duplicate 4-5
Magnesium (Mg) mg/L	Blank <0.02
	Standard name C00-046-705_X_1000
	Result 0.98
	Accuracy 98%
	Limit 0.800 - 1.200
Dissolved Magnesium (Mg) mg/L	Blank <0.02
	Standard name C00-046-705_X_1000
	Result 1.18
	Accuracy 82%
	Limit 0.800 - 1.200
Manganese (Mn) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000

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Quality control Report

Lab number: V-67088

Sample name: Dogleg North KIA

Sampling location: Dogleg North KIA

Sampling date: August 22, 2017

Sampling hour: 14:30

Parameter	
	Result 0.0918
	Accuracy 91.8%
	Limit 0.0800 - 0.1200
Dissolved Manganese (Mn) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1156
	Accuracy 84.4%
	Limit 0.0800 - 0.1200
Mercury (Hg) mg/L	Blank <0.00001
	Standard name DMR-0343-2017-HgEu
	Result 0.00050
	Accuracy 71.4%
	Limit 0.00042 - 0.00098
Dissolved Mercury (Hg) mg/L	Blank <0.00001
Molybdenum (Mo) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0861
	Accuracy 86.1%
	Limit 0.0800 - 0.1200
Dissolved Molybdenum (Mo) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1103
	Accuracy 89.7%
	Limit 0.0800 - 0.1200
Nickel (Ni) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0963
	Accuracy 96.3%
	Limit 0.0800 - 0.1200
Dissolved Nickel (Ni) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1156
	Accuracy 84.4%
	Limit 0.0800 - 0.1200
Nitrate (NO3) mg N/L	Blank <0.01
Nitrite (NO2) mg N/L	Blank <0.01
	Standard name DMR-0417-2017-NO2
	Result 2.71
	Accuracy 100%
	Limit 2.30 - 3.12

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

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Quality control Report

Lab number: V-67088

Sample name: Dogleg North KIA

Sampling location: Dogleg North KIA

Sampling date: August 22, 2017

Sampling hour: 14:30

Parameter	
Ortho-Phosphate (O-PO4) mg P/	Blank <0.01
	Standard name DMR-0417-2017-OPO4
	Result 2.82
	Accuracy 88.4%
	Limit 2.81 - 3.57
pH	Standard name STD pH 7.0
	Result 7.00
	Accuracy 100%
	Limit 6.96 - 7.04
Lead (Pb) mg/L	Blank <0.0003
	Standard name C00-046-705_X_1000
	Result 0.0848
	Accuracy 84.8%
	Limit 0.0800 - 0.1200
Dissolved Lead (Pb) mg/L	Blank <0.0003
	Standard name C00-046-705_X_1000
	Result 0.0919
	Accuracy 91.9%
	Limit 0.0800 - 0.1200
Potassium (K) mg/L	Blank <0.05
	Standard name C00-046-705_X_1000
	Result 0.89
	Accuracy 89%
	Limit 0.800 - 1.200
Selenium (Se) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.091
	Accuracy 91%
	Limit 0.0800 - 0.1200
Dissolved Selenium (Se) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.113
	Accuracy 87%
	Limit 0.0800 - 0.1200
Sodium (Na) mg/L	Blank <0.05
	Standard name C00-046-705_X_1000
	Result 0.89
	Accuracy 89%
	Limit 0.800 - 1.200
dissolved Strontium (Sr) mg/L	Blank <0.005

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Quality control Report

Lab number: V-67088

Sample name: Dogleg North KIA

Sampling location: Dogleg North KIA

Sampling date: August 22, 2017

Sampling hour: 14:30

Parameter	
Sulfate (SO4) mg SO4/L	Blank <0.6 Standard name DMR-0417-2017-SO4 Result 116 Accuracy 94.3% Limit 114 - 132
Tellurium (Te) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0967 Accuracy 96.7% Limit 0.0800 - 0.1200
Dissolved thallium (Tl) mg/L	Blank <0.0008
Thiocyanate (SCN) mg SCN/L	Blank <0.05 Standard name STD SCN 568ppm Result 593 Accuracy 95.6% Limit 398 - 738
Thiosulfates (S2O3) mg S2O3/L	Blank <0.02 Standard name S2O3-225ppm Result 212 Accuracy 94.2% Limit 158 - 293
Titanium (Ti) mg/L	Blank <0.01
Dissolved titanium (Ti) mg/L	Blank <0.01
Turbidity UTN	Standard name DMR-0417-2017-Turb Result 4.60 Accuracy 88.6% Limit 4.41 - 5.97
Uranium (U) mg/L	Blank <0.001 Standard name C00-046-705_X_1000 Result 0.093 Accuracy 93% Limit 0.0800 - 0.1200
Dissolved Uranium (U) mg/L	Blank <0.001 Standard name C00-046-705_X_1000 Result 0.113 Accuracy 87% Limit 0.0800 - 0.1200
Vanadium (V) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0935

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Quality control Report

Lab number: V-67088

Sample name: Dogleg North KIA

Sampling date: August 22, 2017

Sampling location: Dogleg North KIA

Sampling hour: 14:30

Parameter

Dissolved Vanadium mg/L

Accuracy 93.5%
Limit 0.0800 - 0.1200
Blank <0.0005
Standard name C00-046-705_X_1000
Result 0.1170

Zinc (Zn) mg/L

Accuracy 83%
Limit 0.0800 - 0.1200
Blank <0.001
Standard name C00-046-705_X_1000
Result 0.094

Dissolved Zinc mg/L

Accuracy 94%
Limit 0.0800 - 0.1200
Blank <0.001
Standard name C00-046-705_X_1000
Result 0.107

Accuracy 93%
Limit 0.0800 - 0.1200

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Additional information

Lab number: V-67088

Sample name: Dogleg North KIA

Sampling location: Dogleg North KIA

Sampling date: August 22, 2017

Sampling hour: 14:30

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

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

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

Lab number: V-67087

Sampling location: NP1 West KIA DUP

Sampling date: August 22, 2017

Sample name: NP1 West KIA DUP

Sampling hour: 14:00

Sampled by: Fanny L. Isabelle C.

Date received: August 24, 2017

Matrix: Water

Drinking water distribution:

Reported on: September 13, 2017

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

Results relate only to the sample tested.

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

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

Lab number: V-67087

Sample name: NP1 West KIA DUP

Sampling location: NP1 West KIA DUP

Sampling date: August 22, 2017

Sampling hour: 14:00

Parameter	Result	Method name	Analysis date
Alkalinity	71 mg CaCO ₃ /L	M-TIT-1.0	August 24, 2017
Aluminium (Al)	0.006 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Aluminium (Al)	0.007 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Antimony (Sb)	0.0002 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Antimony (Sb)	<0.0001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	<0.05 mg N/L	Sous-traitance\H2Lab inc. (SAM)	August 25, 2017
Kjeldahl nitrogen	0.60 mg N/L	Sous-traitance\H2Lab inc. (SAM)	August 25, 2017
Barium (Ba)	0.0101 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Barium (Ba)	0.0077 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
bicarbonate (HCO ₃)	71 mg CaCO ₃ /L	M-TIT-1.0	August 24, 2017
Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Bromides	0.05 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Calcium (Ca)	24.3 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Carbonate (CO ₃)	<2 mg CaCO ₃ /L	M-TIT-1.0	August 24, 2017
Dissolved Organic Carbon (D.O.C.)	5.8 mg/L	M-COT-1.0	August 24, 2017
Total Organic Carbon (T.O.C.)	5.9 mg/L	M-COT-1.0	August 24, 2017
Chlorophyll A	1.4 µg/L	Sous-traitance\H2Lab inc. (SAM)	September 05, 2017
Chloride	11.1 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Chrome (Cr)	0.0006 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Chromium (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Cobalt (Co)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Cobalt (Co)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Conductivity	236 µmhos/cm	M-TIT-1.0	August 24, 2017
Colour	3 Colour units	Sous-traitance\Multilab Direct	August 25, 2017
Copper (Cu)	0.0014 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Copper (Cu)	0.0006 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Cyanide W.A.D.	0.008 mg/L	Sous-traitance\Multilab Direct	September 01, 2017
Total Cyanide (CNT)	0.025 mg/L	Sous-traitance\Multilab Direct	September 01, 2017
Hardness	93 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	September 08, 2017
Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
dissolved Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017

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Analytical Report

Lab number: V-67087

Sample name: NP1 West KIA DUP

Sampling location: NP1 West KIA DUP

Sampling date: August 22, 2017

Sampling hour: 14:00

Parameter	Result	Method name	Analysis date
Iron (Fe)	0.07 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Iron (Fe)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Fluoride (F)	0.12 mg/L	Sous-traitance\Multilab Direct	September 01, 2017
Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Dissolved Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Total Suspended Solids	3 mg/L	M-SOLI-1.0	August 25, 2017
Magnesium (Mg)	7.90 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Magnesium (Mg)	10.7 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Manganese (Mn)	0.0072 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Manganese (Mn)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Mercury (Hg)	0.00001 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Dissolved Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Molybdenum (Mo)	0.0028 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Molybdenum (Mo)	0.0022 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Ammonia NH3 (non-ionized)	<0.05 mg N/L	Sous-traitance\H2Lab inc. (SAM)	September 12, 2017
Nickel (Ni)	0.0023 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Nickel (Ni)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Nitrate (NO3)	0.11 mg N/L	Sous-traitance\Multilab Direct	August 30, 2017
Nitrite (NO2)	<0.01 mg N/L	Sous-traitance\Multilab Direct	August 30, 2017
Ortho-Phosphate (O-PO4)	<0.01 mg P/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved oxygen	10.4 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
pH	8.16	M-TIT-1.0	August 24, 2017
Total Phosphorus (P) (Trace)	6.3 µg P/L	Sous-traitance\H2Lab inc. (SAM)	August 25, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Potassium (K)	2.80 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Selenium (Se)	0.001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Reactive silica (SiO2)	0.46 mg/L	Sous-traitance\Maxxam	August 29, 2017
Sodium (Na)	6.11 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Solids	157 mg/L	M-TIT-1.0	August 24, 2017
Strontium (Sr)	0.108 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
dissolved Strontium (Sr)	0.112 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Sulfate (SO4)	34.2 mg SO4/L	Sous-traitance\Multilab Direct	August 31, 2017
Tellurium (Te)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Dissolved thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Thiocyanate (SCN)	<0.05 mg SCN/L	Sous-traitance\Multilab Direct	August 30, 2017
Thiosulfates (S2O3)	<0.02 mg S2O3/L	Sous-traitance\Multilab Direct	September 05, 2017
Titanium (Ti)	0.02 mg/L	Sous-traitance\Multilab Direct	September 08, 2017

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Analytical Report

Lab number: V-67087

Sample name: NP1 West KIA DUP

Sampling date: August 22, 2017

Sampling location: NP1 West KIA DUP

Sampling hour: 14:00

Parameter	Result	Method name	Analysis date
Dissolved titanium (Ti)	0.03 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Turbidity	1.52 NTU	Sous-traitance\Multilab Direct	August 25, 2017
Uranium (U)	0.001 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Uranium (U)	0.002 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Vanadium (V)	0.0010 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Vanadium	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Zinc (Zn)	0.003 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Zinc	0.001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017

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Detection limit

Lab number: V-67087

Sample name: NP1 West KIA DUP

Sampling date: August 22, 2017

Sampling location: NP1 West KIA DUP

Sampling hour: 14:00

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2 mg CaCO ₃ /L		M-TIT-1.0	
Aluminium (Al)	0.003 mg/L		Sous-traitance	
Dissolved Aluminium (Al)	0.006 mg/L		Sous-traitance	
Antimony (Sb)	0.0001 mg/L		Sous-traitance	Yes
Dissolved Antimony (Sb)	0.0001 mg/L		Sous-traitance	
Silver (Ag)	0.0001 mg/L		Sous-traitance	Yes
Dissolved Silver (Ag)	0.0001 mg/L		Sous-traitance	
Arsenic (As)	0.0005 mg/L		Sous-traitance	Yes
Dissolved Arsenic (As)	0.0005 mg/L		Sous-traitance	
Kjeldahl nitrogen	0.05 mg N/L		Sous-traitance	
Barium (Ba)	0.0005 mg/L		Sous-traitance	Yes
Dissolved Barium (Ba)	0.0005 mg/L		Sous-traitance	
Beryllium (Be)	0.0005 mg/L		Sous-traitance	
Dissolved Beryllium (Be)	0.0005 mg/L		Sous-traitance	
bicarbonate (HCO ₃)	2 mg CaCO ₃ /L		M-TIT-1.0	
Boron (B)	0.01 mg/L		Sous-traitance	Yes
Dissolved Boron (B)	0.006 mg/L		Sous-traitance	
Bromides	0.01 mg/L		Sous-traitance	
Cadmium (Cd)	0.00002 mg/L		Sous-traitance	Yes
Dissolved Cadmium (Cd)	0.00002 mg/L		Sous-traitance	
Calcium (Ca)	0.03 mg/L		Sous-traitance	Yes
Carbonate (CO ₃)	2 mg CaCO ₃ /L		M-TIT-1.0	
Dissolved Organic Carbon (D.O.C.)	0.2 mg/L		M-COT-1.0	--
Total Organic Carbon (T.O.C.)	0.2 mg/L		M-COT-1.0	Yes
Chlorophyll A	0.13 µg/L		Sous-traitance	
Chloride	0.5 mg/L		Sous-traitance	Yes
Chrome (Cr)	0.0006 mg/L		Sous-traitance	Yes
Dissolved Chromium (Cr)	0.0006 mg/L		Sous-traitance	
Cobalt (Co)	0.0005 mg/L		Sous-traitance	
Dissolved Cobalt (Co)	0.0005 mg/L		Sous-traitance	
Conductivity	1 µmhos/cm		M-TIT-1.0	Yes
Colour	1 UCV		Sous-traitance	Yes
Copper (Cu)	0.0005 mg/L		Sous-traitance	Yes
Dissolved Copper (Cu)	0.0005 mg/L		Sous-traitance	
Cyanide W.A.D.	0.001 mg/L		Sous-traitance	Yes
Total Cyanide (CNT)	0.001 mg/L		Sous-traitance	Yes
Hardness	1 mg CaCO ₃ /L		Sous-traitance	
Tin (Sn)	0.001 mg/L		Sous-traitance	Yes
dissolved Tin (Sn)	0.001 mg/L		Sous-traitance	
Iron (Fe)	0.01 mg/L		Sous-traitance	Yes

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Detection limit

Lab number: V-67087

Sample name: NP1 West KIA DUP

Sampling date: August 22, 2017

Sampling location: NP1 West KIA DUP

Sampling hour: 14:00

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

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Detection limit

Lab number: V-67087

Sample name: NP1 West KIA DUP

Sampling date: August 22, 2017

Sampling location: NP1 West KIA DUP

Sampling hour: 14:00

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

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Quality control Report

Lab number: V-67087

Sample name: NP1 West KIA DUP

Sampling location: NP1 West KIA DUP

Sampling date: August 22, 2017

Sampling hour: 14:00

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 155 Accuracy 93.1% Limit 123 - 167 Sample duplicate 71-71
Aluminium (Al) mg/L	Blank <0.006 Standard name C00-046-705_X_1000 Result 0.933 Accuracy 93.3% Limit 0.800 - 1.200
Dissolved Aluminium (Al) mg/L	Blank <0.006 Standard name C00-046-705_X_1000 Result 1.19 Accuracy 81% Limit 0.800 - 1.200
Antimony (Sb) mg/L	Blank <0.0001 Standard name C00-046-705_X_1000 Result 0.0103 Accuracy 97% Limit 0.0080 - 0.0120
Dissolved Antimony (Sb) mg/L	Blank <0.0001 Standard name C00-046-705_X_1000 Result 0.0112 Accuracy 88% Limit 0.0080 - 0.0120
Silver (Ag) mg/L	Blank <0.0001
Dissolved Silver (Ag) mg/L	Blank <0.0001 Standard name DMR-0343-2017-Ag Result 0.6549 Accuracy 81.7% Limit 0.642 - 0.962
Arsenic (As) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0904 Accuracy 90.4% Limit 0.0700 - 0.1300
Dissolved Arsenic (As) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1019 Accuracy 98.1%

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

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Quality control Report

Lab number: V-67087

Sample name: NP1 West KIA DUP

Sampling location: NP1 West KIA DUP

Sampling date: August 22, 2017

Sampling hour: 14:00

Parameter	
Barium (Ba) mg/L	Limit 0.0800 - 0.1200 Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0935 Accuracy 93.5%
Dissolved Barium (Ba) mg/L	Limit 0.0800 - 0.1200 Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1021 Accuracy 97.9%
Beryllium (Be) mg/L	Limit 0.0800 - 0.1200 Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0956 Accuracy 95.6%
Dissolved Beryllium (Be) mg/L	Limit 0.0800 - 0.1200 Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1165 Accuracy 83.5%
bicarbonate (HCO ₃) mg CaCO ₃ /L	Limit 0.0800 - 0.1200 Sample duplicate 71-71
Boron (B) mg/L	Blank <0.01 Standard name C00-046-705_X_1000 Result 0.99 Accuracy 99%
Dissolved Boron (B) mg/L	Limit 0.800 - 1.200 Blank <0.01 Standard name C00-046-705_X_1000 Result 1.15 Accuracy 85%
Bromides mg/L	Limit 0.800 - 1.200 Blank <0.01 Standard name DMR-0119-2017-Br Result 5.52 Accuracy 98%
Cadmium (Cd) mg/L	Limit 4.50 - 6.76 Blank <0.00002 Standard name C00-046-705_X_1000 Result 0.09157

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Quality control Report

Lab number: V-67087

Sample name: NP1 West KIA DUP

Sampling location: NP1 West KIA DUP

Sampling date: August 22, 2017

Sampling hour: 14:00

Parameter	
Dissolved Cadmium (Cd) mg/L	Accuracy 91.6%
	Limit 0.0800 - 0.1200
	Blank <0.00002
	Standard name C00-046-705_X_1000
	Result 0.11683
Calcium (Ca) mg/L	Accuracy 83.2%
	Limit 0.0800 - 0.1200
	Blank <0.03
	Standard name C00-046-705_X_1000
	Result 0.89
Carbonate (CO ₃) mg CaCO ₃ /L	Accuracy 89%
	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-0417-2017-Cl
	Result 112
Chrome (Cr) mg/L	Accuracy 96.3%
	Limit 95 - 121
	Blank <0.0006
	Standard name C00-046-705_X_1000
	Result 0.0963
Dissolved Chromium (Cr) mg/L	Accuracy 96.3%
	Limit 0.0800 - 0.1200
	Blank <0.0006
	Standard name C00-046-705_X_1000
	Result 0.1160
Cobalt (Co) mg/L	Accuracy 84%
	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1160

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Quality control Report

Lab number: V-67087

Sample name: NP1 West KIA DUP

Sampling location: NP1 West KIA DUP

Sampling date: August 22, 2017

Sampling hour: 14:00

Parameter	
Dissolved Cobalt (Co) mg/L	Result 0.0927
	Accuracy 92.7%
	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name C00-046-705_X_1000
Conductivity µmhos/cm	Result 0.1127
	Accuracy 87.3%
	Limit 0.0800 - 0.1200
	Standard name STD cond maison
	Result 1406
Colour UCV	Accuracy 99.4%
	Limit 1203 - 1627
	Sample duplicate 236-236
	Blank <1
	Standard name DMR-0417-2017-Coul
Copper (Cu) mg/L	Result 89
	Accuracy 97.7%
	Limit 67 - 107
	Blank <0.0005
	Standard name C00-046-705_X_1000
Dissolved Copper (Cu) mg/L	Result 0.0982
	Accuracy 98.2%
	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name C00-046-705_X_1000
Cyanide W.A.D. mg/L	Result 0.1142
	Accuracy 85.8%
	Limit 0.0800 - 0.1200
	Blank <0.001
	Standard name DMR-0343-CN
Total Cyanide (CNT) mg/L	Result 0.928
	Accuracy 94.9%
	Limit 0.751 - 1.015
	Blank <0.001
	Standard name DMR-0343-CN
Tin (Sn) mg/L	Result 1.26
	Accuracy 93.2%
	Limit 1.003 - 1.357
	Blank <0.001
	Standard name DMR-0310-2016-Sn

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Quality control Report

Lab number: V-67087

Sample name: NP1 West KIA DUP

Sampling date: August 22, 2017

Sampling location: NP1 West KIA DUP

Sampling hour: 14:00

Parameter	
dissolved Tin (Sn) mg/L	Result 8.03
	Accuracy 88.5%
	Limit 7.26 - 10.88
	Blank <0.001
	Standard name DMR-0310-2016-Sn
Iron (Fe) mg/L	Result 6.45
	Accuracy 71.1%
	Limit 6.35 - 11.79
	Blank <0.01
	Standard name C00-046-705_X_1000
Dissolved Iron (Fe) mg/L	Result 1.08
	Accuracy 92%
	Limit 0.800 - 1.200
	Blank <0.01
	Standard name C00-046-705_X_1000
Fluoride (F) mg/L	Result 1.20
	Accuracy 80%
	Limit 0.800 - 1.200
	Blank <0.02
	Standard name DMR-0417-2017-F
Lithium (Li) mg/L	Result 2.29
	Accuracy 99.6%
	Limit 2.13 - 2.47
	Blank <0.005
	Blank <0.005
Dissolved Lithium (Li) mg/L	Blank <1
	Standard name STD-MES 25mg/L
	Result 27
	Accuracy 92%
	Limit 19 - 31
Total Suspended Solids mg/L	Blank <0.02
	Standard name C00-046-705_X_1000
	Result 0.98
	Accuracy 98%
	Limit 0.800 - 1.200
Dissolved Magnesium (Mg) mg/L	Blank <0.02
	Standard name C00-046-705_X_1000
	Result 1.18
	Accuracy 82%
	Limit 0.800 - 1.200

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Quality control Report

Lab number: V-67087

Sample name: NP1 West KIA DUP

Sampling location: NP1 West KIA DUP

Sampling date: August 22, 2017

Sampling hour: 14:00

Parameter	
Manganese (Mn) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0918 Accuracy 91.8% Limit 0.0800 - 0.1200
Dissolved Manganese (Mn) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1156 Accuracy 84.4% Limit 0.0800 - 0.1200
Mercury (Hg) mg/L	Blank <0.00001 Standard name DMR-0343-2017-HgEu Result 0.00050 Accuracy 71.4% Limit 0.00042 - 0.00098
Dissolved Mercury (Hg) mg/L	Blank <0.00001
Molybdenum (Mo) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0861 Accuracy 86.1% Limit 0.0800 - 0.1200
Dissolved Molybdenum (Mo) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1103 Accuracy 89.7% Limit 0.0800 - 0.1200
Nickel (Ni) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0963 Accuracy 96.3% Limit 0.0800 - 0.1200
Dissolved Nickel (Ni) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1156 Accuracy 84.4% Limit 0.0800 - 0.1200
Nitrate (NO ₃) mg N/L	Blank <0.01
Nitrite (NO ₂) mg N/L	Blank <0.01 Standard name DMR-0417-2017-NO ₂ Result 2.71

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Quality control Report

Lab number: V-67087

Sample name: NP1 West KIA DUP

Sampling location: NP1 West KIA DUP

Sampling date: August 22, 2017

Sampling hour: 14:00

Parameter	
Ortho-Phosphate (O-PO ₄) mg P/	Accuracy 100%
	Limit 2.30 - 3.12
	Blank <0.01
	Standard name DMR-0417-2017-OPO ₄
	Result 2.82
pH	Accuracy 88.4%
	Limit 2.81 - 3.57
	Standard name STD pH 7.0
	Result 7.00
Lead (Pb) mg/L	Accuracy 100%
	Limit 6.96 - 7.04
	Sample duplicate 8.16-8.16
	Blank <0.0003
	Standard name C00-046-705_X_1000
Dissolved Lead (Pb) mg/L	Result 0.0848
	Accuracy 84.8%
	Limit 0.0800 - 0.1200
	Blank <0.0003
	Standard name C00-046-705_X_1000
Potassium (K) mg/L	Result 0.0919
	Accuracy 91.9%
	Limit 0.0800 - 0.1200
	Blank <0.05
	Standard name C00-046-705_X_1000
Selenium (Se) mg/L	Result 0.89
	Accuracy 89%
	Limit 0.800 - 1.200
	Blank <0.001
	Standard name C00-046-705_X_1000
Dissolved Selenium (Se) mg/L	Result 0.091
	Accuracy 91%
	Limit 0.0800 - 0.1200
	Blank <0.001
	Standard name C00-046-705_X_1000
Sodium (Na) mg/L	Result 0.113
	Accuracy 87%
	Limit 0.0800 - 0.1200
	Blank <0.05
	Standard name C00-046-705_X_1000
	Result 0.89

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Quality control Report

Lab number: V-67087

Sample name: NP1 West KIA DUP

Sampling location: NP1 West KIA DUP

Sampling date: August 22, 2017

Sampling hour: 14:00

Parameter	
	Accuracy 89%
	Limit 0.800 - 1.200
Dissolved Solids mg/L	Sample duplicate 157-157
Strontium (Sr) mg/L	Blank <0.005
dissolved Strontium (Sr) mg/L	Blank <0.005
Sulfate (SO4) mg SO4/L	Blank <0.6
	Standard name DMR-0417-2017-SO4
	Result 116
	Accuracy 94.3%
	Limit 114 - 132
Tellurium (Te) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0967
	Accuracy 96.7%
	Limit 0.0800 - 0.1200
Thallium (Tl) mg/L	Blank <0.0008
Dissolved thallium (Tl) mg/L	Blank <0.0008
Thiocyanate (SCN) mg SCN/L	Blank <0.05
	Standard name STD SCN 568ppm
	Result 593
	Accuracy 95.6%
	Limit 398 - 738
Thiosulfates (S2O3) mg S2O3/L	Blank <0.02
	Standard name S2O3-225ppm
	Result 212
	Accuracy 94.2%
	Limit 158 - 293
Titanium (Ti) mg/L	Blank <0.01
Dissolved titanium (Ti) mg/L	Blank <0.01
Turbidity UTN	Standard name DMR-0417-2017-Turb
	Result 4.60
	Accuracy 88.6%
	Limit 4.41 - 5.97
Uranium (U) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.093
	Accuracy 93%
	Limit 0.0800 - 0.1200
Dissolved Uranium (U) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000

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Quality control Report

Lab number: V-67087

Sample name: NP1 West KIA DUP

Sampling location: NP1 West KIA DUP

Sampling date: August 22, 2017

Sampling hour: 14:00

Parameter

	Result 0.113
	Accuracy 87%
	Limit 0.0800 - 0.1200
Vanadium (V) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000

	Result 0.0935
	Accuracy 93.5%
	Limit 0.0800 - 0.1200
Dissolved Vanadium mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000

	Result 0.1170
	Accuracy 83%
	Limit 0.0800 - 0.1200
Zinc (Zn) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000

	Result 0.094
	Accuracy 94%
	Limit 0.0800 - 0.1200
Dissolved Zinc mg/L	Blank <0.001
	Standard name C00-046-705_X_1000

	Result 0.107
	Accuracy 93%
	Limit 0.0800 - 0.1200

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Additional information

Lab number: V-67087

Sample name: NP1 West KIA DUP

Sampling location: NP1 West KIA DUP

Sampling date: August 22, 2017

Sampling hour: 14:00

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

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

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

Lab number: V-67086

Sampling location: NP1 West KIA

Sampling date: August 22, 2017

Sample name: NP1 West KIA

Sampling hour: 14:00

Sampled by: Fanny L. Isabelle C.

Date received: August 24, 2017

Matrix: Water

Drinking water distribution:

Reported on: September 13, 2017

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

Results relate only to the sample tested.

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

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Analytical Report

Lab number: V-67086

Sample name: NP1 West KIA

Sampling location: NP1 West KIA

Sampling date: August 22, 2017

Sampling hour: 14:00

Parameter	Result	Method name	Analysis date
Alkalinity	71 mg CaCO ₃ /L	M-TIT-1.0	August 24, 2017
Aluminium (Al)	0.007 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Antimony (Sb)	0.0002 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Antimony (Sb)	0.0006 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	0.15 mg N/L	Sous-traitance\H2Lab inc. (SAM)	August 25, 2017
Kjeldahl nitrogen	0.62 mg N/L	Sous-traitance\H2Lab inc. (SAM)	August 25, 2017
Barium (Ba)	0.0095 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Barium (Ba)	0.0080 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
bicarbonate (HCO ₃)	71 mg CaCO ₃ /L	M-TIT-1.0	August 24, 2017
Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Bromides	<0.01 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Calcium (Ca)	24.2 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Carbonate (CO ₃)	<2 mg CaCO ₃ /L	M-TIT-1.0	August 24, 2017
Dissolved Organic Carbon (D.O.C.)	5.6 mg/L	M-COT-1.0	August 24, 2017
Total Organic Carbon (T.O.C.)	5.6 mg/L	M-COT-1.0	August 24, 2017
Chlorophyll A	0.82 µg/L	Sous-traitance\H2Lab inc. (SAM)	September 05, 2017
Chloride	11.2 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Chrome (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Chromium (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Cobalt (Co)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Cobalt (Co)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Conductivity	238 µmhos/cm	M-TIT-1.0	August 24, 2017
Colour	2 Colour units	Sous-traitance\Multilab Direct	August 25, 2017
Copper (Cu)	0.0015 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Copper (Cu)	0.0007 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Cyanide W.A.D.	0.006 mg/L	Sous-traitance\Multilab Direct	September 01, 2017
Total Cyanide (CNT)	0.006 mg/L	Sous-traitance\Multilab Direct	September 01, 2017
Hardness	92 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	September 08, 2017
Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
dissolved Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017

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Analytical Report

Lab number: V-67086

Sample name: NP1 West KIA

Sampling date: August 22, 2017

Sampling location: NP1 West KIA

Sampling hour: 14:00

Parameter	Result	Method name	Analysis date
Iron (Fe)	0.09 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Iron (Fe)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Fluoride (F)	0.16 mg/L	Sous-traitance\Multilab Direct	September 01, 2017
Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Dissolved Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Total Suspended Solids	7 mg/L	M-SOLI-1.0	August 25, 2017
Magnesium (Mg)	7.89 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Magnesium (Mg)	10.2 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Manganese (Mn)	0.0073 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Manganese (Mn)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Dissolved Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Molybdenum (Mo)	0.0027 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Molybdenum (Mo)	0.0026 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Ammonia NH3 (non-ionized)	<0.05 mg N/L	Sous-traitance\H2Lab inc. (SAM)	September 12, 2017
Nickel (Ni)	0.0026 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Nickel (Ni)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Nitrate (NO3)	0.12 mg N/L	Sous-traitance\Multilab Direct	August 30, 2017
Nitrite (NO2)	<0.01 mg N/L	Sous-traitance\Multilab Direct	August 30, 2017
Ortho-Phosphate (O-PO4)	<0.01 mg P/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved oxygen	10.6 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
pH	8.19	M-TIT-1.0	August 24, 2017
Total Phosphorus (P) (Trace)	5.7 µg P/L	Sous-traitance\H2Lab inc. (SAM)	August 25, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Potassium (K)	2.73 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Selenium (Se)	0.001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Reactive silica (SiO2)	0.43 mg/L	Sous-traitance\Maxxam	August 29, 2017
Sodium (Na)	5.95 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Solids	158 mg/L	M-TIT-1.0	August 24, 2017
Strontium (Sr)	<0.005 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
dissolved Strontium (Sr)	0.112 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Sulfate (SO4)	33.4 mg SO4/L	Sous-traitance\Multilab Direct	August 31, 2017
Tellurium (Te)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Dissolved thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Thiocyanate (SCN)	<0.05 mg SCN/L	Sous-traitance\Multilab Direct	August 30, 2017
Thiosulfates (S2O3)	<0.02 mg S2O3/L	Sous-traitance\Multilab Direct	September 05, 2017
Titanium (Ti)	0.02 mg/L	Sous-traitance\Multilab Direct	September 08, 2017

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

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Analytical Report

Lab number: V-67086

Sample name: NP1 West KIA

Sampling location: NP1 West KIA

Sampling date: August 22, 2017

Sampling hour: 14:00

Parameter	Result	Method name	Analysis date
Dissolved titanium (Ti)	0.03 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Turbidity	1.46 NTU	Sous-traitance\Multilab Direct	August 25, 2017
Uranium (U)	0.001 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Uranium (U)	0.002 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Vanadium (V)	0.0009 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Vanadium	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Zinc (Zn)	0.004 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Zinc	<0.001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017

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Detection limit

Lab number: V-67086

Sample name: NP1 West KIA

Sampling location: NP1 West KIA

Sampling date: August 22, 2017

Sampling hour: 14:00

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2 mg CaCO ₃ /L		M-TIT-1.0	
Aluminium (Al)	0.003 mg/L		Sous-traitance	
Dissolved Aluminium (Al)	0.006 mg/L		Sous-traitance	
Antimony (Sb)	0.0001 mg/L		Sous-traitance	Yes
Dissolved Antimony (Sb)	0.0002 mg/L		Sous-traitance	
Silver (Ag)	0.0001 mg/L		Sous-traitance	Yes
Dissolved Silver (Ag)	0.0001 mg/L		Sous-traitance	
Arsenic (As)	0.0005 mg/L		Sous-traitance	Yes
Dissolved Arsenic (As)	0.0005 mg/L		Sous-traitance	
Kjeldahl nitrogen	0.05 mg N/L		Sous-traitance	
Barium (Ba)	0.0005 mg/L		Sous-traitance	Yes
Dissolved Barium (Ba)	0.0005 mg/L		Sous-traitance	
Beryllium (Be)	0.0005 mg/L		Sous-traitance	
Dissolved Beryllium (Be)	0.0005 mg/L		Sous-traitance	
bicarbonate (HCO ₃)	2 mg CaCO ₃ /L		M-TIT-1.0	
Boron (B)	0.01 mg/L		Sous-traitance	Yes
Dissolved Boron (B)	0.006 mg/L		Sous-traitance	
Bromides	0.01 mg/L		Sous-traitance	
Cadmium (Cd)	0.00002 mg/L		Sous-traitance	Yes
Dissolved Cadmium (Cd)	0.00002 mg/L		Sous-traitance	
Calcium (Ca)	0.03 mg/L		Sous-traitance	Yes
Carbonate (CO ₃)	2 mg CaCO ₃ /L		M-TIT-1.0	
Dissolved Organic Carbon (D.O.C.)	0.2 mg/L		M-COT-1.0	--
Total Organic Carbon (T.O.C.)	0.2 mg/L		M-COT-1.0	Yes
Chlorophyll A	0.13 µg/L		Sous-traitance	
Chloride	0.5 mg/L		Sous-traitance	Yes
Chrome (Cr)	0.0006 mg/L		Sous-traitance	Yes
Dissolved Chromium (Cr)	0.0006 mg/L		Sous-traitance	
Cobalt (Co)	0.0005 mg/L		Sous-traitance	
Dissolved Cobalt (Co)	0.0005 mg/L		Sous-traitance	
Conductivity	1 µmhos/cm		M-TIT-1.0	Yes
Colour	1 UCV		Sous-traitance	Yes
Copper (Cu)	0.0005 mg/L		Sous-traitance	Yes
Dissolved Copper (Cu)	0.0005 mg/L		Sous-traitance	
Cyanide W.A.D.	0.001 mg/L		Sous-traitance	Yes
Total Cyanide (CNT)	0.001 mg/L		Sous-traitance	Yes
Hardness	1 mg CaCO ₃ /L		Sous-traitance	
Tin (Sn)	0.001 mg/L		Sous-traitance	Yes
dissolved Tin (Sn)	0.001 mg/L		Sous-traitance	
Iron (Fe)	0.01 mg/L		Sous-traitance	Yes

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Detection limit

Lab number: V-67086

Sample name: NP1 West KIA

Sampling location: NP1 West KIA

Sampling date: August 22, 2017

Sampling hour: 14:00

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

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Detection limit

Lab number: V-67086

Sample name: NP1 West KIA

Sampling date: August 22, 2017

Sampling location: NP1 West KIA

Sampling hour: 14:00

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

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Quality control Report

Lab number: V-67086

Sample name: NP1 West KIA

Sampling location: NP1 West KIA

Sampling date: August 22, 2017

Sampling hour: 14:00

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 155 Accuracy 93.1% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006 Standard name C00-046-705_X_1000 Result 0.933 Accuracy 93.3% Limit 0.800 - 1.200
Dissolved Aluminium (Al) mg/L	Blank <0.006 Standard name C00-046-705_X_1000 Result 1.19 Accuracy 81% Limit 0.800 - 1.200
Antimony (Sb) mg/L	Blank <0.0001 Standard name C00-046-705_X_1000 Result 0.0103 Accuracy 97% Limit 0.0080 - 0.0120
Dissolved Antimony (Sb) mg/L	Blank <0.0001 Standard name C00-046-705_X_1000 Result 0.0112 Accuracy 88% Limit 0.0080 - 0.0120
Silver (Ag) mg/L	Blank <0.0001
Dissolved Silver (Ag) mg/L	Blank <0.0001 Standard name DMR-0343-2017-Ag Result 0.6549 Accuracy 81.7% Limit 0.642 - 0.962
Arsenic (As) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0904 Accuracy 90.4% Limit 0.0700 - 0.1300
Dissolved Arsenic (As) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1019 Accuracy 98.1% Limit 0.0800 - 0.1200

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Quality control Report

Lab number: V-67086

Sample name: NP1 West KIA

Sampling location: NP1 West KIA

Sampling date: August 22, 2017

Sampling hour: 14:00

Parameter	
Barium (Ba) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0935 Accuracy 93.5% Limit 0.0800 - 0.1200
Dissolved Barium (Ba) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1021 Accuracy 97.9% Limit 0.0800 - 0.1200
Beryllium (Be) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0956 Accuracy 95.6% Limit 0.0800 - 0.1200
Dissolved Beryllium (Be) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1165 Accuracy 83.5% Limit 0.0800 - 0.1200
Boron (B) mg/L	Blank <0.01 Standard name C00-046-705_X_1000 Result 0.99 Accuracy 99% Limit 0.800 - 1.200
Dissolved Boron (B) mg/L	Blank <0.01 Standard name C00-046-705_X_1000 Result 1.15 Accuracy 85% Limit 0.800 - 1.200
Bromides mg/L	Blank <0.01 Standard name DMR-0119-2017-Br Result 5.52 Accuracy 98% Limit 4.50 - 6.76
Cadmium (Cd) mg/L	Blank <0.00002 Standard name C00-046-705_X_1000 Result 0.09157 Accuracy 91.6% Limit 0.0800 - 0.1200

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Quality control Report

Lab number: V-67086

Sample name: NP1 West KIA

Sampling location: NP1 West KIA

Sampling date: August 22, 2017

Sampling hour: 14:00

Parameter	
Dissolved Cadmium (Cd) mg/L	Blank <0.00002 Standard name C00-046-705_X_1000 Result 0.11683 Accuracy 83.2% Limit 0.0800 - 0.1200
Calcium (Ca) mg/L	Blank <0.03 Standard name C00-046-705_X_1000 Result 0.89 Accuracy 89% Limit 0.800 - 1.200
Dissolved Organic Carbon (D.O.C.) mg/L	Blank <0.2 Standard name COD 10mg/L Result 11 Accuracy 90% Limit 8 - 12
Total Organic Carbon (T.O.C.) mg/L	Blank <0.2 Standard name COT 10mg/L Result 11 Accuracy 90% Limit 8 - 12
Chloride mg/L	Blank <0.5 Standard name DMR-0417-2017-Cl Result 112 Accuracy 96.3% Limit 95 - 121
Chrome (Cr) mg/L	Blank <0.0006 Standard name C00-046-705_X_1000 Result 0.0963 Accuracy 96.3% Limit 0.0800 - 0.1200
Dissolved Chromium (Cr) mg/L	Blank <0.0006 Standard name C00-046-705_X_1000 Result 0.1160 Accuracy 84% Limit 0.0800 - 0.1200
Cobalt (Co) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0927 Accuracy 92.7% Limit 0.0800 - 0.1200

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Quality control Report

Lab number: V-67086

Sample name: NP1 West KIA

Sampling location: NP1 West KIA

Sampling date: August 22, 2017

Sampling hour: 14:00

Parameter	
Dissolved Cobalt (Co) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1127 Accuracy 87.3% Limit 0.0800 - 0.1200
Conductivity µmhos/cm	Standard name STD cond maison Result 1406 Accuracy 99.4% Limit 1203 - 1627
Colour UCV	Blank <1 Standard name DMR-0417-2017-Coul Result 89 Accuracy 97.7% Limit 67 - 107
Copper (Cu) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0982 Accuracy 98.2% Limit 0.0800 - 0.1200
Dissolved Copper (Cu) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1142 Accuracy 85.8% Limit 0.0800 - 0.1200
Cyanide W.A.D. mg/L	Blank <0.001 Standard name DMR-0343-CN Result 0.928 Accuracy 94.9% Limit 0.751 - 1.015
Total Cyanide (CNt) mg/L	Blank <0.001 Standard name DMR-0343-CN Result 1.26 Accuracy 93.2% Limit 1.003 - 1.357
Tin (Sn) mg/L	Blank <0.001 Standard name DMR-0310-2016-Sn Result 8.03 Accuracy 88.5% Limit 7.26 - 10.88
dissolved Tin (Sn) mg/L	Blank <0.001

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Quality control Report

Lab number: V-67086

Sample name: NP1 West KIA

Sampling location: NP1 West KIA

Sampling date: August 22, 2017

Sampling hour: 14:00

Parameter	
	Standard name DMR-0310-2016-Sn
	Result 6.45
	Accuracy 71.1%
	Limit 6.35 - 11.79
Iron (Fe) mg/L	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.08
	Accuracy 92%
	Limit 0.800 - 1.200
Dissolved Iron (Fe) mg/L	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.20
	Accuracy 80%
	Limit 0.800 - 1.200
Fluoride (F) mg/L	Blank <0.02
	Standard name DMR-0417-2017-F
	Result 2.29
	Accuracy 99.6%
	Limit 2.13 - 2.47
Lithium (Li) mg/L	Blank <0.005
Dissolved Lithium (Li) mg/L	Blank <0.005
Total Suspended Solids mg/L	Blank <1
	Standard name STD-MES 25mg/L
	Result 27
	Accuracy 92%
	Limit 19 - 31
Magnesium (Mg) mg/L	Blank <0.02
	Standard name C00-046-705_X_1000
	Result 0.98
	Accuracy 98%
	Limit 0.800 - 1.200
Dissolved Magnesium (Mg) mg/L	Blank <0.02
	Standard name C00-046-705_X_1000
	Result 1.18
	Accuracy 82%
	Limit 0.800 - 1.200
Manganese (Mn) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0918
	Accuracy 91.8%

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Quality control Report

Lab number: V-67086

Sample name: NP1 West KIA

Sampling location: NP1 West KIA

Sampling date: August 22, 2017

Sampling hour: 14:00

Parameter	
Dissolved Manganese (Mn) mg/L	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1156
	Accuracy 84.4%
Mercury (Hg) mg/L	Limit 0.0800 - 0.1200
	Blank <0.00001
	Standard name DMR-0343-2017-HgEu
	Result 0.00050
	Accuracy 71.4%
Dissolved Mercury (Hg) mg/L	Limit 0.00042 - 0.00098
	Blank <0.00001
	Standard name C00-046-705_X_1000
	Result 0.0861
	Accuracy 86.1%
Molybdenum (Mo) mg/L	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1103
	Accuracy 89.7%
Dissolved Molybdenum (Mo) mg/L	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0963
	Accuracy 96.3%
Nickel (Ni) mg/L	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1156
	Accuracy 84.4%
Dissolved Nickel (Ni) mg/L	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1156
	Accuracy 84.4%
Nitrate (NO ₃) mg N/L	Limit 0.0800 - 0.1200
	Blank <0.01
	Standard name DMR-0417-2017-NO ₂
	Result 2.71
	Accuracy 100%
Nitrite (NO ₂) mg N/L	Limit 2.30 - 3.12
	Blank <0.01
	Standard name DMR-0417-2017-OPO ₄
	Result 2.71
	Accuracy 100%
Ortho-Phosphate (O-PO ₄) mg P/L	Limit 2.30 - 3.12
	Blank <0.01
	Standard name DMR-0417-2017-OPO ₄
	Result 2.71
	Accuracy 100%

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Quality control Report

Lab number: V-67086

Sample name: NP1 West KIA

Sampling location: NP1 West KIA

Sampling date: August 22, 2017

Sampling hour: 14:00

Parameter	
pH	Result 2.82
	Accuracy 88.4%
	Limit 2.81 - 3.57
	Standard name STD pH 7.0
	Result 7.00
Lead (Pb) mg/L	Accuracy 100%
	Limit 6.96 - 7.04
	Blank <0.0003
	Standard name C00-046-705_X_1000
	Result 0.0848
Dissolved Lead (Pb) mg/L	Accuracy 84.8%
	Limit 0.0800 - 0.1200
	Blank <0.0003
	Standard name C00-046-705_X_1000
	Result 0.0919
Potassium (K) mg/L	Accuracy 91.9%
	Limit 0.0800 - 0.1200
	Blank <0.05
	Standard name C00-046-705_X_1000
	Result 0.89
Selenium (Se) mg/L	Accuracy 89%
	Limit 0.800 - 1.200
	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.091
Dissolved Selenium (Se) mg/L	Accuracy 91%
	Limit 0.0800 - 0.1200
	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.113
Sodium (Na) mg/L	Accuracy 87%
	Limit 0.0800 - 0.1200
	Blank <0.05
	Standard name C00-046-705_X_1000
	Result 0.89
Strontium (Sr) mg/L	Accuracy 89%
	Limit 0.800 - 1.200
	Blank <0.005
	Blank <0.005
	Blank <0.6
dissolved Strontium (Sr) mg/L	
Sulfate (SO4) mg SO4/L	

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Quality control Report

Lab number: V-67086

Sample name: NP1 West KIA

Sampling location: NP1 West KIA

Sampling date: August 22, 2017

Sampling hour: 14:00

Parameter	
	Standard name DMR-0417-2017-SO4
	Result 116
	Accuracy 94.3%
	Limit 114 - 132
Tellurium (Te) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0967
	Accuracy 96.7%
	Limit 0.0800 - 0.1200
Thallium (Tl) mg/L	Blank <0.0008
Dissolved thallium (Tl) mg/L	Blank <0.0008
Thiocyanate (SCN) mg SCN/L	Blank <0.05
	Standard name STD SCN 568ppm
	Result 593
	Accuracy 95.6%
	Limit 398 - 738
Thiosulfates (S2O3) mg S2O3/L	Blank <0.02
	Standard name S2O3-225ppm
	Result 212
	Accuracy 94.2%
	Limit 158 - 293
Titanium (Ti) mg/L	Blank <0.01
Dissolved titanium (Ti) mg/L	Blank <0.01
Turbidity UTN	Standard name DMR-0417-2017-Turb
	Result 4.60
	Accuracy 88.6%
	Limit 4.41 - 5.97
Uranium (U) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.093
	Accuracy 93%
	Limit 0.0800 - 0.1200
Dissolved Uranium (U) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.113
	Accuracy 87%
	Limit 0.0800 - 0.1200
Vanadium (V) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0935

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Quality control Report

Lab number: V-67086

Sample name: NP1 West KIA

Sampling location: NP1 West KIA

Sampling date: August 22, 2017

Sampling hour: 14:00

Parameter

	Accuracy 93.5%
	Limit 0.0800 - 0.1200
Dissolved Vanadium mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1170

	Accuracy 83%
	Limit 0.0800 - 0.1200
Zinc (Zn) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.094

	Accuracy 94%
	Limit 0.0800 - 0.1200
Dissolved Zinc mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.107

	Accuracy 93%
	Limit 0.0800 - 0.1200

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Additional information

Lab number: V-67086

Sample name: NP1 West KIA

Sampling location: NP1 West KIA

Sampling date: August 22, 2017

Sampling hour: 14:00

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

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

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

Lab number: V-67045

Sampling location: NP2 East KIA DUP

Sampling date: August 22, 2017

Sample name: NP2 East KIA DUP

Sampling hour: 09:45

Sampled by: Fanny L. Martin T.

Date received: August 23, 2017

Matrix: Water

Drinking water distribution:

Reported on: September 11, 2017

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

Results relate only to the sample tested.

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

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

Lab number: V-67045

Sample name: NP2 East KIA DUP

Sampling location: NP2 East KIA DUP

Sampling date: August 22, 2017

Sampling hour: 09:45

Parameter	Result	Method name	Analysis date
Alkalinity	60 mg CaCO ₃ /L	M-TIT-1.0	August 23, 2017
Aluminium (Al)	0.013 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Antimony (Sb)	<0.0001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Antimony (Sb)	<0.0001 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	<0.05 mg N/L	Sous-traitance\H2Lab inc. (SAM)	August 25, 2017
Kjeldahl nitrogen	<0.7 mg N/L	Sous-traitance\H2Lab inc. (SAM)	August 31, 2017
Barium (Ba)	0.0082 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Barium (Ba)	0.0063 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
bicarbonate (HCO ₃)	60 mg CaCO ₃ /L	M-TIT-1.0	August 23, 2017
Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Bromides	0.04 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Calcium (Ca)	24.5 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Carbonate (CO ₃)	<2 mg CaCO ₃ /L	M-TIT-1.0	August 23, 2017
Dissolved Organic Carbon (D.O.C.)	6.1 mg/L	M-COT-1.0	August 24, 2017
Total Organic Carbon (T.O.C.)	6.1 mg/L	M-COT-1.0	August 24, 2017
Chlorophyll A	2.0 µg/L	Sous-traitance\H2Lab inc. (SAM)	August 31, 2017
Chloride	4.5 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Chrome (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Chromium (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Cobalt (Co)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Cobalt (Co)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Conductivity	222 µmhos/cm	M-TIT-1.0	August 23, 2017
Colour	3 Colour units	Sous-traitance\Multilab Direct	August 24, 2017
Copper (Cu)	0.0020 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Copper (Cu)	0.0013 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Cyanide W.A.D.	0.011 mg/L	Sous-traitance\Multilab Direct	September 01, 2017
Total Cyanide (CNT)	0.015 mg/L	Sous-traitance\Multilab Direct	September 01, 2017
Hardness	95 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	September 06, 2017
Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
dissolved Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 29, 2017

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Analytical Report

Lab number: V-67045

Sample name: NP2 East KIA DUP

Sampling location: NP2 East KIA DUP

Sampling date: August 22, 2017

Sampling hour: 09:45

Parameter	Result	Method name	Analysis date
Iron (Fe)	0.09 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Iron (Fe)	0.02 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Fluoride (F)	0.12 mg/L	Sous-traitance\Multilab Direct	September 01, 2017
Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Dissolved Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Total Suspended Solids	1 mg/L	M-SOLI-1.0	August 24, 2017
Magnesium (Mg)	8.31 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Magnesium (Mg)	7.29 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Manganese (Mn)	0.0109 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Manganese (Mn)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Dissolved Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Molybdenum (Mo)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Molybdenum (Mo)	0.0005 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Ammonia NH3 (non-ionized)	<0.05 mg N/L	Sous-traitance\H2Lab inc. (SAM)	August 25, 2017
Nickel (Ni)	0.0013 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Nickel (Ni)	0.0007 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Nitrate (NO3)	0.02 mg N/L	Sous-traitance\Multilab Direct	August 24, 2017
Nitrite (NO2)	<0.01 mg N/L	Sous-traitance\Multilab Direct	August 24, 2017
Ortho-Phosphate (O-PO4)	<0.01 mg P/L	Sous-traitance\Multilab Direct	August 24, 2017
Dissolved oxygen	9.7 mg/L	Sous-traitance\Multilab Direct	August 24, 2017
pH	7.95	M-TIT-1.0	August 22, 2017
Total Phosphorus (P) (Trace)	7.0 µg P/L	Sous-traitance\H2Lab inc. (SAM)	August 31, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Potassium (K)	2.67 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Reactive silica (SiO2)	0.32 mg/L	Sous-traitance\Maxxam	August 28, 2017
Sodium (Na)	11.2 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Solids	148 mg/L	M-TIT-1.0	August 23, 2017
Strontium (Sr)	0.079 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
dissolved Strontium (Sr)	0.092 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Sulfate (SO4)	45.7 mg SO4/L	Sous-traitance\Multilab Direct	August 31, 2017
Tellurium (Te)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Dissolved thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Thiocyanate (SCN)	<0.05 mg SCN/L	Sous-traitance\Multilab Direct	August 30, 2017
Thiosulfates (S2O3)	<0.02 mg S2O3/L	Sous-traitance\Multilab Direct	August 28, 2017
Titanium (Ti)	0.02 mg/L	Sous-traitance\Multilab Direct	September 06, 2017

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Analytical Report

Lab number: V-67045

Sample name: NP2 East KIA DUP

Sampling date: August 22, 2017

Sampling location: NP2 East KIA DUP

Sampling hour: 09:45

Parameter	Result	Method name	Analysis date
Dissolved titanium (Ti)	0.02 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Turbidity	1.55 NTU	Sous-traitance\Multilab Direct	August 24, 2017
Uranium (U)	0.001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Uranium (U)	0.001 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Vanadium (V)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Vanadium	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Zinc (Zn)	0.006 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Zinc	0.001 mg/L	Sous-traitance\Multilab Direct	August 29, 2017

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Detection limit

Lab number: V-67045

Sample name: NP2 East KIA DUP

Sampling location: NP2 East KIA DUP

Sampling date: August 22, 2017

Sampling hour: 09:45

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO ₃ /L	M-TIT-1.0	
Aluminium (Al)	0.006	mg/L	Sous-traitance	
Dissolved Aluminium (Al)	0.006	mg/L	Sous-traitance	
Antimony (Sb)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Antimony (Sb)	0.0001	mg/L	Sous-traitance	
Silver (Ag)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Silver (Ag)	0.0001	mg/L	Sous-traitance	
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Arsenic (As)	0.0005	mg/L	Sous-traitance	
Kjeldahl nitrogen	0.05	mg N/L	Sous-traitance	
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Barium (Ba)	0.0005	mg/L	Sous-traitance	
Beryllium (Be)	0.0005	mg/L	Sous-traitance	
Dissolved Beryllium (Be)	0.0005	mg/L	Sous-traitance	
bicarbonate (HCO ₃)	2	mg CaCO ₃ /L	M-TIT-1.0	
Boron (B)	0.01	mg/L	Sous-traitance	Yes
Dissolved Boron (B)	0.01	mg/L	Sous-traitance	
Bromides	0.01	mg/L	Sous-traitance	
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Dissolved Cadmium (Cd)	0.00002	mg/L	Sous-traitance	
Calcium (Ca)	0.03	mg/L	Sous-traitance	Yes
Carbonate (CO ₃)	2	mg CaCO ₃ /L	M-TIT-1.0	
Dissolved Organic Carbon (D.O.C.)	0.2	mg/L	M-COT-1.0	--
Total Organic Carbon (T.O.C.)	0.2	mg/L	M-COT-1.0	Yes
Chlorophyll A	0.13	µg/L	Sous-traitance	
Chloride	0.5	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Dissolved Chromium (Cr)	0.0006	mg/L	Sous-traitance	
Cobalt (Co)	0.0005	mg/L	Sous-traitance	
Dissolved Cobalt (Co)	0.0005	mg/L	Sous-traitance	
Conductivity	1	µmhos/cm	M-TIT-1.0	Yes
Colour	1	UCV	Sous-traitance	Yes
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Copper (Cu)	0.0005	mg/L	Sous-traitance	
Cyanide W.A.D.	0.001	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO ₃ /L	Sous-traitance	
Tin (Sn)	0.001	mg/L	Sous-traitance	Yes
dissolved Tin (Sn)	0.001	mg/L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes

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Detection limit

Lab number: V-67045

Sample name: NP2 East KIA DUP

Sampling date: August 22, 2017

Sampling location: NP2 East KIA DUP

Sampling hour: 09:45

Parameter	Value	Unit	Method	Accreditation
Dissolved Iron (Fe)	0.01	mg/L	Sous-traitance	
Fluoride (F)	0.02	mg/L	Sous-traitance	Yes
Lithium (Li)	0.005	mg/L	Sous-traitance	
Dissolved Lithium (Li)	0.005	mg/L	Sous-traitance	
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Magnesium (Mg)	0.02	mg/L	Sous-traitance	Yes
Dissolved Magnesium (Mg)	0.02	mg/L	Sous-traitance	
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Manganese (Mn)	0.0005	mg/L	Sous-traitance	
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Dissolved Mercury (Hg)	0.00001	mg/L	Sous-traitance	
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Nickel (Ni)	0.0005	mg/L	Sous-traitance	
Nitrate (NO ₃)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO ₂)	0.01	mg N/L	Sous-traitance	Yes
Ortho-Phosphate (O-PO ₄)	0.01	mg P/L	Sous-traitance	Yes
Dissolved oxygen	0.1	mg/L	Sous-traitance	
pH			M-TIT-1.0	Yes
Total Phosphorus (P) (Trace)	1.9	µg P/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Dissolved Lead (Pb)	0.0003	mg/L	Sous-traitance	
Potassium (K)	0.05	mg/L	Sous-traitance	
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Dissolved Selenium (Se)	0.001	mg/L	Sous-traitance	
Reactive silica (SiO ₂)		mg/L	Sous-traitance	
Sodium (Na)	0.05	mg/L	Sous-traitance	Yes
Dissolved Solids	1	mg/L	M-TIT-1.0	
Strontium (Sr)	0.005	mg/L	Sous-traitance	
dissolved Strontium (Sr)	0.005	mg/L	Sous-traitance	
Sulfate (SO ₄)	0.6	mg SO ₄ /L	Sous-traitance	Yes
Tellurium (Te)	0.0005	mg/L	Sous-traitance	
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Dissolved thallium (Tl)	0.0008	mg/L	Sous-traitance	
Thiocyanate (SCN)	0.05	mg SCN/L	Sous-traitance	Yes
Thiosulfates (S ₂ O ₃)	0.02	mg S ₂ O ₃ /L	Sous-traitance	Yes
Titanium (Ti)	0.01	mg/L	Sous-traitance	
Dissolved titanium (Ti)	0.01	mg/L	Sous-traitance	
Turbidity	0.02	UTN	Sous-traitance	Yes

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Detection limit

Lab number: V-67045

Sample name: NP2 East KIA DUP

Sampling date: August 22, 2017

Sampling location: NP2 East KIA DUP

Sampling hour: 09:45

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

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Quality control Report

Lab number: V-67045

Sample name: NP2 East KIA DUP

Sampling date: August 22, 2017

Sampling location: NP2 East KIA DUP

Sampling hour: 09:45

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 151 Accuracy 95.9% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006 Standard name C00-046-705_X_1000 Result 0.997 Accuracy 99.7% Limit 0.800 - 1.200 Sample duplicate 0.013-0.017
Dissolved Aluminium (Al) mg/L	Blank <0.006 Standard name DMR-0219-2017-Eu Result 6.28 Accuracy 99.8% Limit 5.02 - 7.52
Antimony (Sb) mg/L	Blank <0.0001 Standard name C00-046-705_X_1000 Result 0.0116 Accuracy 84% Limit 0.0080 - 0.0120 Sample duplicate <0.0001-<0.0001
Dissolved Antimony (Sb) mg/L	Blank <0.0001 Standard name DMR-0219-2017-Eu Result 0.2262 Accuracy 98.1% Limit 0.178 - 0.266
Silver (Ag) mg/L	Blank <0.0001 Standard name DMR-0343-2017-Ag Result 0.7045 Accuracy 87.8% Limit 0.642 - 0.962 Sample duplicate <0.0001-<0.0001
Dissolved Silver (Ag) mg/L	Blank <0.0001 Standard name DMR-0343-2017-Ag Result 0.8046 Accuracy 99.7% Limit 0.642 - 0.962
Arsenic (As) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0880

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Quality control Report

Lab number: V-67045

Sample name: NP2 East KIA DUP

Sampling location: NP2 East KIA DUP

Sampling date: August 22, 2017

Sampling hour: 09:45

Parameter	
Dissolved Arsenic (As) mg/L	Accuracy 88%
	Limit 0.0700 - 0.1300
	Sample duplicate <0.0005-<0.0005
	Blank <0.0005
	Standard name DMR-0219-2017-Eu
Barium (Ba) mg/L	Result 0.3468
	Accuracy 77.9%
	Limit 0.199 - 0.369
	Blank <0.0005
	Standard name C00-046-705_X_1000
Dissolved Barium (Ba) mg/L	Result 0.0909
	Accuracy 90.9%
	Limit 0.0800 - 0.1200
	Sample duplicate 0.0082-0.0073
	Blank <0.0005
Beryllium (Be) mg/L	Standard name DMR-0219-2017-Eu
	Result 2.881
	Accuracy 81.4%
	Limit 1.94 - 2.92
	Blank <0.0005
Dissolved Beryllium (Be) mg/L	Standard name C00-046-705_X_1000
	Result 0.1054
	Accuracy 94.6%
	Limit 0.0800 - 0.1200
	Sample duplicate <0.0005-<0.0005
Boron (B) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.922
	Accuracy 86.9%
	Limit 1.36 - 2.04
Dissolved Boron (B) mg/L	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.07
	Accuracy 93%
	Limit 0.800 - 1.200
Dissolved Boron (B) mg/L	Sample duplicate <0.01-<0.01
	Blank <0.01
	Standard name DMR-0219-2017-Eu
	Result 3.17
	Accuracy 89.9%

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Quality control Report

Lab number: V-67045

Sample name: NP2 East KIA DUP

Sampling location: NP2 East KIA DUP

Sampling date: August 22, 2017

Sampling hour: 09:45

Parameter	
Bromides mg/L	Limit 2.30 - 3.46 Blank <0.01 Standard name DMR-0119-2017-Br Result 5.52 Accuracy 98%
Cadmium (Cd) mg/L	Limit 4.50 - 6.76 Blank <0.00002 Standard name C00-046-705_X_1000 Result 0.10785 Accuracy 92.2%
Dissolved Cadmium (Cd) mg/L	Limit 0.0800 - 0.1200 Sample duplicate <0.00002-<0.00002 Blank <0.00002 Standard name DMR-0219-2017-Eu Result 1.0050 Accuracy 88.5%
Calcium (Ca) mg/L	Limit 0.721 - 1.081 Blank <0.03 Standard name C00-046-705_X_1000 Result 0.95 Accuracy 95%
Dissolved Organic Carbon (D.O.C.) mg/L	Limit 0.800 - 1.200 Sample duplicate 24.5-22.1 Blank <0.2 Standard name COD 10mg/L Result 10 Accuracy 100%
Total Organic Carbon (T.O.C.) mg/L	Limit 8 - 12 Blank <0.2 Standard name COT 10mg/L Result 10 Accuracy 100%
Chloride mg/L	Limit 8 - 12 Blank <0.5 Standard name DMR-0417-2017-Cl Result 113 Accuracy 95.4%
Chrome (Cr) mg/L	Limit 95 - 121 Blank <0.0006 Standard name C00-046-705_X_1000

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Quality control Report

Lab number: V-67045

Sample name: NP2 East KIA DUP

Sampling location: NP2 East KIA DUP

Sampling date: August 22, 2017

Sampling hour: 09:45

Parameter	
	Result 0.1001
	Accuracy 99.9%
	Limit 0.0800 - 0.1200
	Sample duplicate <0.0006-<0.0006
Dissolved Chromium (Cr) mg/L	Blank <0.0006
	Standard name DMR-0219-2017-Eu
	Result 4.185
	Accuracy 96.7%
	Limit 3.24 - 4.86
Cobalt (Co) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1040
	Accuracy 96%
	Limit 0.0800 - 0.1200
	Sample duplicate <0.0005-<0.0005
Dissolved Cobalt (Co) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.618
	Accuracy 96.3%
	Limit 1.25 - 1.87
Conductivity µmhos/cm	Standard name STD cond maison
	Result 1404
	Accuracy 99.2%
	Limit 1203 - 1627
Colour UCV	Blank <1
	Standard name DMR-0417-2017-Coul
	Result 90
	Accuracy 96.6%
	Limit 67 - 107
Copper (Cu) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1079
	Accuracy 92.1%
	Limit 0.0800 - 0.1200
	Sample duplicate 0.0020-0.0021
Dissolved Copper (Cu) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.485
	Accuracy 84%
	Limit 1.02 - 1.54

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Quality control Report

Lab number: V-67045

Sample name: NP2 East KIA DUP

Sampling location: NP2 East KIA DUP

Sampling date: August 22, 2017

Sampling hour: 09:45

Parameter	
Cyanide W.A.D. mg/L	Blank <0.001 Standard name DMR-0343-CN Result 0.921 Accuracy 95.7% Limit 0.751 - 1.015
Total Cyanide (CNT) mg/L	Blank <0.001 Standard name DMR-0343-CN Result 1.28 Accuracy 91.5% Limit 1.003 - 1.357
Hardness mg CaCO ₃ /L	Sample duplicate 95-86
Tin (Sn) mg/L	Blank <0.001 Standard name DMR-0310-2016-Sn Result 7.36 Accuracy 81.1% Limit 7.26 - 10.88
dissolved Tin (Sn) mg/L	Sample duplicate <0.001-<0.001 Blank <0.001 Standard name DMR-0310-2016-Sn Result 9.75 Accuracy 92.5% Limit 6.35 - 11.79
Iron (Fe) mg/L	Blank <0.01 Standard name C00-046-705_X_1000 Result 1.13 Accuracy 87% Limit 0.800 - 1.200
Dissolved Iron (Fe) mg/L	Sample duplicate 0.09-0.08 Blank <0.01 Standard name DMR-0219-2017-Eu Result 13.5 Accuracy 81.6% Limit 9.1 - 13.7
Fluoride (F) mg/L	Blank <0.02 Standard name DMR-0417-2017-F Result 2.29 Accuracy 99.6% Limit 2.13 - 2.47
Lithium (Li) mg/L	Blank <0.005
Dissolved Lithium (Li) mg/L	Blank <0.005

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Quality control Report

Lab number: V-67045

Sample name: NP2 East KIA DUP

Sampling location: NP2 East KIA DUP

Sampling date: August 22, 2017

Sampling hour: 09:45

Parameter	
Total Suspended Solids mg/L	Blank <1 Standard name STD-MES 25mg/L Result 23 Accuracy 92% Limit 19 - 31
Magnesium (Mg) mg/L	Blank <0.02 Standard name C00-046-705_X_1000 Result 0.95 Accuracy 95% Limit 0.800 - 1.200 Sample duplicate 8.31-7.70
Dissolved Magnesium (Mg) mg/L	Blank <0.02 Standard name DMR-0219-2017-Eu Result 8.09 Accuracy 97.7% Limit 6.33 - 9.49
Manganese (Mn) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1052 Accuracy 94.8% Limit 0.0800 - 0.1200 Sample duplicate 0.0109-0.0097
Dissolved Manganese (Mn) mg/L	Blank <0.0005 Standard name DMR-0219-2017-Eu Result 4.027 Accuracy 96.7% Limit 3.12 - 4.68
Mercury (Hg) mg/L	Blank <0.00001 Standard name DMR-0343-2017-HgEu Result 0.00050 Accuracy 71.4% Limit 0.00042 - 0.00098
Dissolved Mercury (Hg) mg/L	Blank <0.00001
Molybdenum (Mo) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1041 Accuracy 95.9% Limit 0.0800 - 0.1200 Sample duplicate <0.0005-<0.0005
Dissolved Molybdenum (Mo) mg/L	Blank <0.0005

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Quality control Report

Lab number: V-67045

Sample name: NP2 East KIA DUP

Sampling location: NP2 East KIA DUP

Sampling date: August 22, 2017

Sampling hour: 09:45

Parameter	
	Standard name DMR-0219-2017-Eu
	Result 0.7358
	Accuracy 96.1%
	Limit 0.566 - 0.850
Nickel (Ni) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1081
	Accuracy 91.9%
	Limit 0.0800 - 0.1200
	Sample duplicate 0.0013-0.0011
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-0417-2017-NO2
	Result 2.73
	Accuracy 99.3%
	Limit 2.30 - 3.12
Ortho-Phosphate (O-PO4) mg P/	Blank <0.01
	Standard name DMR-0417-2017-OPO4
	Result 2.82
	Accuracy 88.4%
	Limit 2.81 - 3.57
pH	Sample duplicate <0.01-<0.01
	Standard name STD pH 7.0
	Result 7.00
	Accuracy 100%
	Limit 6.96 - 7.04
Lead (Pb) mg/L	Blank <0.0003
	Standard name C00-046-705_X_1000
	Result 0.0839
	Accuracy 83.9%
	Limit 0.0800 - 0.1200
	Sample duplicate <0.0003-<0.0003
Dissolved Lead (Pb) mg/L	Blank <0.0003
	Standard name DMR-0219-2017-Eu
	Result 0.9576

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Quality control Report

Lab number: V-67045

Sample name: NP2 East KIA DUP

Sampling location: NP2 East KIA DUP

Sampling date: August 22, 2017

Sampling hour: 09:45

Parameter	
Potassium (K) mg/L	Accuracy 94%
	Limit 0.722 - 1.084
	Blank <0.05
	Standard name C00-046-705_X_1000
	Result 0.90
Selenium (Se) mg/L	Accuracy 90%
	Limit 0.800 - 1.200
	Sample duplicate 2.67-2.40
	Blank <0.001
	Standard name C00-046-705_X_1000
Dissolved Selenium (Se) mg/L	Result 0.111
	Accuracy 89%
	Limit 0.0800 - 0.1200
	Sample duplicate <0.001-<0.001
	Blank <0.001
Sodium (Na) mg/L	Standard name DMR-0219-2017-Eu
	Result 1.60
	Accuracy 81.5%
	Limit 1.08 - 1.62
	Blank <0.05
Strontium (Sr) mg/L	Standard name C00-046-705_X_1000
	Result 0.94
	Accuracy 94%
	Limit 0.800 - 1.200
	Sample duplicate 11.2-10.2
dissolved Strontium (Sr) mg/L	Blank <0.005
Sulfate (SO4) mg SO4/L	Blank <0.005
Tellurium (Te) mg/L	Blank <0.6
	Standard name DMR-0417-2017-SO4
	Result 116
	Accuracy 94.3%
	Limit 114 - 132
Thallium (Tl) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1079
	Accuracy 92.1%
	Limit 0.0800 - 0.1200
Dissolved thallium (Tl) mg/L	Sample duplicate <0.0005-<0.0005
	Blank <0.0008
	Blank <0.0008

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Quality control Report

Lab number: V-67045

Sample name: NP2 East KIA DUP

Sampling location: NP2 East KIA DUP

Sampling date: August 22, 2017

Sampling hour: 09:45

Parameter	
Thiocyanate (SCN) mg SCN/L	Blank <0.05
	Standard name STD SCN 568ppm
	Result 593
	Accuracy 95.6%
	Limit 398 - 738
Thiosulfates (S2O3) mg S2O3/L	Blank <0.02
	Standard name S2O3-225ppm
	Result 232
	Accuracy 96.9%
	Limit 158 - 293
Titanium (Ti) mg/L	Blank <0.01
	Sample duplicate 0.02-0.02
Dissolved titanium (Ti) mg/L	Blank <0.01
Turbidity UTN	Standard name DMR-0417-2017-Turb
	Result 5.87
	Accuracy 86.9%
	Limit 4.41 - 5.97
Uranium (U) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.104
	Accuracy 96%
	Limit 0.0800 - 0.1200
	Sample duplicate 0.001-0.001
Dissolved Uranium (U) mg/L	Blank <0.001
	Standard name DMR-0219-2017-Eu
	Result 1.89
	Accuracy 92.6%
	Limit 1.41 - 2.11
Vanadium (V) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1039
	Accuracy 96.1%
	Limit 0.0800 - 0.1200
	Sample duplicate <0.0005-<0.0005
Dissolved Vanadium mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.987
	Accuracy 99.8%
	Limit 1.59 - 2.39
Zinc (Zn) mg/L	Blank <0.001

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Quality control Report

Lab number: V-67045

Sample name: NP2 East KIA DUP

Sampling location: NP2 East KIA DUP

Sampling date: August 22, 2017

Sampling hour: 09:45

Parameter

Standard name C00-046-705_X_1000

Result 0.102

Accuracy 98%

Limit 0.0800 - 0.1200

Sample duplicate 0.006-0.004

Dissolved Zinc mg/L

Blank <0.001

Standard name DMR-0219-2017-Eu

Result 5.19

Accuracy 86.2%

Limit 3.65 - 5.47

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Additional information

Lab number: V-67045

Sample name: NP2 East KIA DUP

Sampling location: NP2 East KIA DUP

Sampling date: August 22, 2017

Sampling hour: 09:45

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

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

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

Lab number: V-67044

Sampling location: NP2 East KIA

Sampling date: August 22, 2017

Sample name: NP2 East KIA

Sampling hour: 09:45

Sampled by: Fanny L. Martin T.

Date received: August 23, 2017

Matrix: Water

Drinking water distribution:

Reported on: September 11, 2017

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

Results relate only to the sample tested.

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

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Analytical Report

Lab number: V-67044

Sample name: NP2 East KIA

Sampling location: NP2 East KIA

Sampling date: August 22, 2017

Sampling hour: 09:45

Parameter	Result	Method name	Analysis date
Alkalinity	60 mg CaCO ₃ /L	M-TIT-1.0	August 23, 2017
Aluminium (Al)	0.023 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Antimony (Sb)	<0.0001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Antimony (Sb)	<0.0001 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	<0.05 mg N/L	Sous-traitance\H2Lab inc. (SAM)	August 25, 2017
Kjeldahl nitrogen	<0.7 mg N/L	Sous-traitance\H2Lab inc. (SAM)	August 31, 2017
Barium (Ba)	0.0076 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Barium (Ba)	0.0059 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
bicarbonate (HCO ₃)	60 mg CaCO ₃ /L	M-TIT-1.0	August 23, 2017
Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Bromides	0.02 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Calcium (Ca)	23.7 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Carbonate (CO ₃)	<2 mg CaCO ₃ /L	M-TIT-1.0	August 23, 2017
Dissolved Organic Carbon (D.O.C.)	5.8 mg/L	M-COT-1.0	August 24, 2017
Total Organic Carbon (T.O.C.)	5.8 mg/L	M-COT-1.0	August 24, 2017
Chlorophyll A	2.5 µg/L	Sous-traitance\H2Lab inc. (SAM)	August 31, 2017
Chloride	4.4 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Chrome (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Chromium (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Cobalt (Co)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Cobalt (Co)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Conductivity	223 µmhos/cm	M-TIT-1.0	August 23, 2017
Colour	2 Colour units	Sous-traitance\Multilab Direct	August 24, 2017
Copper (Cu)	0.0028 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Copper (Cu)	0.0030 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Cyanide W.A.D.	0.010 mg/L	Sous-traitance\Multilab Direct	September 01, 2017
Total Cyanide (CNT)	0.015 mg/L	Sous-traitance\Multilab Direct	September 01, 2017
Hardness	91 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	September 06, 2017
Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
dissolved Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 29, 2017

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Analytical Report

Lab number: V-67044

Sample name: NP2 East KIA

Sampling location: NP2 East KIA

Sampling date: August 22, 2017

Sampling hour: 09:45

Parameter	Result	Method name	Analysis date
Iron (Fe)	0.11 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Iron (Fe)	0.01 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Fluoride (F)	0.12 mg/L	Sous-traitance\Multilab Direct	September 01, 2017
Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Dissolved Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Total Suspended Solids	<1 mg/L	M-SOLI-1.0	August 24, 2017
Magnesium (Mg)	7.96 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Magnesium (Mg)	6.94 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Manganese (Mn)	0.0110 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Manganese (Mn)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Dissolved Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Molybdenum (Mo)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Molybdenum (Mo)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Ammonia NH3 (non-ionized)	<0.05 mg N/L	Sous-traitance\H2Lab inc. (SAM)	August 25, 2017
Nickel (Ni)	0.0023 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Nickel (Ni)	0.0012 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Nitrate (NO3)	0.03 mg N/L	Sous-traitance\Multilab Direct	August 24, 2017
Nitrite (NO2)	<0.01 mg N/L	Sous-traitance\Multilab Direct	August 24, 2017
Ortho-Phosphate (O-PO4)	<0.01 mg P/L	Sous-traitance\Multilab Direct	August 24, 2017
Dissolved oxygen	9.6 mg/L	Sous-traitance\Multilab Direct	August 24, 2017
pH	7.96	M-TIT-1.0	August 22, 2017
Total Phosphorus (P) (Trace)	6.9 µg P/L	Sous-traitance\H2Lab inc. (SAM)	August 31, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Potassium (K)	2.73 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Reactive silica (SiO2)	0.42 mg/L	Sous-traitance\Maxxam	August 28, 2017
Sodium (Na)	10.8 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Solids	149 mg/L	M-TIT-1.0	August 23, 2017
Strontium (Sr)	0.080 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
dissolved Strontium (Sr)	0.078 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Sulfate (SO4)	45.1 mg SO4/L	Sous-traitance\Multilab Direct	August 31, 2017
Tellurium (Te)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Dissolved thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Thiocyanate (SCN)	<0.05 mg SCN/L	Sous-traitance\Multilab Direct	August 30, 2017
Thiosulfates (S2O3)	<0.02 mg S2O3/L	Sous-traitance\Multilab Direct	August 28, 2017
Titanium (Ti)	0.02 mg/L	Sous-traitance\Multilab Direct	September 06, 2017

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Analytical Report

Lab number: V-67044

Sample name: NP2 East KIA

Sampling location: NP2 East KIA

Sampling date: August 22, 2017

Sampling hour: 09:45

Parameter	Result	Method name	Analysis date
Dissolved titanium (Ti)	0.02 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Turbidity	1.28 NTU	Sous-traitance\Multilab Direct	August 24, 2017
Uranium (U)	0.001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Uranium (U)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Vanadium (V)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Vanadium	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Zinc (Zn)	0.004 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Zinc	0.001 mg/L	Sous-traitance\Multilab Direct	August 29, 2017

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Detection limit

Lab number: V-67044

Sample name: NP2 East KIA

Sampling location: NP2 East KIA

Sampling date: August 22, 2017

Sampling hour: 09:45

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2 mg CaCO ₃ /L		M-TIT-1.0	
Aluminium (Al)	0.006 mg/L		Sous-traitance	
Dissolved Aluminium (Al)	0.006 mg/L		Sous-traitance	
Antimony (Sb)	0.0001 mg/L		Sous-traitance	Yes
Dissolved Antimony (Sb)	0.0001 mg/L		Sous-traitance	
Silver (Ag)	0.0001 mg/L		Sous-traitance	Yes
Dissolved Silver (Ag)	0.0001 mg/L		Sous-traitance	
Arsenic (As)	0.0005 mg/L		Sous-traitance	Yes
Dissolved Arsenic (As)	0.0005 mg/L		Sous-traitance	
Kjeldahl nitrogen	0.05 mg N/L		Sous-traitance	
Barium (Ba)	0.0005 mg/L		Sous-traitance	Yes
Dissolved Barium (Ba)	0.0005 mg/L		Sous-traitance	
Beryllium (Be)	0.0005 mg/L		Sous-traitance	
Dissolved Beryllium (Be)	0.0005 mg/L		Sous-traitance	
bicarbonate (HCO ₃)	2 mg CaCO ₃ /L		M-TIT-1.0	
Boron (B)	0.01 mg/L		Sous-traitance	Yes
Dissolved Boron (B)	0.01 mg/L		Sous-traitance	
Bromides	0.01 mg/L		Sous-traitance	
Cadmium (Cd)	0.00002 mg/L		Sous-traitance	Yes
Dissolved Cadmium (Cd)	0.00002 mg/L		Sous-traitance	
Calcium (Ca)	0.03 mg/L		Sous-traitance	Yes
Carbonate (CO ₃)	2 mg CaCO ₃ /L		M-TIT-1.0	
Dissolved Organic Carbon (D.O.C.)	0.2 mg/L		M-COT-1.0	--
Total Organic Carbon (T.O.C.)	0.2 mg/L		M-COT-1.0	Yes
Chlorophyll A	0.13 µg/L		Sous-traitance	
Chloride	0.5 mg/L		Sous-traitance	Yes
Chrome (Cr)	0.0006 mg/L		Sous-traitance	Yes
Dissolved Chromium (Cr)	0.0006 mg/L		Sous-traitance	
Cobalt (Co)	0.0005 mg/L		Sous-traitance	
Dissolved Cobalt (Co)	0.0005 mg/L		Sous-traitance	
Conductivity	1 µmhos/cm		M-TIT-1.0	Yes
Colour	1 UCV		Sous-traitance	Yes
Copper (Cu)	0.0005 mg/L		Sous-traitance	Yes
Dissolved Copper (Cu)	0.0005 mg/L		Sous-traitance	
Cyanide W.A.D.	0.001 mg/L		Sous-traitance	Yes
Total Cyanide (CNT)	0.001 mg/L		Sous-traitance	Yes
Hardness	1 mg CaCO ₃ /L		Sous-traitance	
Tin (Sn)	0.001 mg/L		Sous-traitance	Yes
dissolved Tin (Sn)	0.001 mg/L		Sous-traitance	
Iron (Fe)	0.01 mg/L		Sous-traitance	Yes

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Detection limit

Lab number: V-67044

Sample name: NP2 East KIA

Sampling location: NP2 East KIA

Sampling date: August 22, 2017

Sampling hour: 09:45

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

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Detection limit

Lab number: V-67044

Sample name: NP2 East KIA

Sampling location: NP2 East KIA

Sampling date: August 22, 2017

Sampling hour: 09:45

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

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Quality control Report

Lab number: V-67044

Sample name: NP2 East KIA

Sampling location: NP2 East KIA

Sampling date: August 22, 2017

Sampling hour: 09:45

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 151 Accuracy 95.9% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006 Standard name C00-046-705_X_1000 Result 0.997 Accuracy 99.7% Limit 0.800 - 1.200
Dissolved Aluminium (Al) mg/L	Blank <0.006 Standard name DMR-0219-2017-Eu Result 6.28 Accuracy 99.8% Limit 5.02 - 7.52
Antimony (Sb) mg/L	Blank <0.0001 Standard name C00-046-705_X_1000 Result 0.0116 Accuracy 84% Limit 0.0080 - 0.0120
Dissolved Antimony (Sb) mg/L	Blank <0.0001 Standard name DMR-0219-2017-Eu Result 0.2262 Accuracy 98.1% Limit 0.178 - 0.266
Silver (Ag) mg/L	Blank <0.0001 Standard name DMR-0343-2017-Ag Result 0.7045 Accuracy 87.8% Limit 0.642 - 0.962
Dissolved Silver (Ag) mg/L	Blank <0.0001 Standard name DMR-0343-2017-Ag Result 0.8046 Accuracy 99.7% Limit 0.642 - 0.962
Arsenic (As) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0880 Accuracy 88% Limit 0.0700 - 0.1300
Dissolved Arsenic (As) mg/L	Blank <0.0005

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Quality control Report

Lab number: V-67044

Sample name: NP2 East KIA

Sampling location: NP2 East KIA

Sampling date: August 22, 2017

Sampling hour: 09:45

Parameter	
	Standard name DMR-0219-2017-Eu
	Result 0.3468
	Accuracy 77.9%
	Limit 0.199 - 0.369
Barium (Ba) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0909
	Accuracy 90.9%
	Limit 0.0800 - 0.1200
Dissolved Barium (Ba) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 2.881
	Accuracy 81.4%
	Limit 1.94 - 2.92
Beryllium (Be) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1054
	Accuracy 94.6%
	Limit 0.0800 - 0.1200
Dissolved Beryllium (Be) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.922
	Accuracy 86.9%
	Limit 1.36 - 2.04
Boron (B) mg/L	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.07
	Accuracy 93%
	Limit 0.800 - 1.200
Dissolved Boron (B) mg/L	Blank <0.01
	Standard name DMR-0219-2017-Eu
	Result 3.17
	Accuracy 89.9%
	Limit 2.30 - 3.46
Bromides mg/L	Blank <0.01
	Standard name DMR-0119-2017-Br
	Result 5.52
	Accuracy 98%
	Limit 4.50 - 6.76
Cadmium (Cd) mg/L	Blank <0.00002

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Quality control Report

Lab number: V-67044

Sample name: NP2 East KIA

Sampling location: NP2 East KIA

Sampling date: August 22, 2017

Sampling hour: 09:45

Parameter	
	Standard name C00-046-705_X_1000
	Result 0.10785
	Accuracy 92.2%
	Limit 0.0800 - 0.1200
Dissolved Cadmium (Cd) mg/L	Blank <0.00002
	Standard name DMR-0219-2017-Eu
	Result 1.0050
	Accuracy 88.5%
	Limit 0.721 - 1.081
Calcium (Ca) mg/L	Blank <0.03
	Standard name C00-046-705_X_1000
	Result 0.95
	Accuracy 95%
	Limit 0.800 - 1.200
Dissolved Organic Carbon (D.O.C.) mg/L	Blank <0.2
	Standard name COD 10mg/L
	Result 10
	Accuracy 100%
	Limit 8 - 12
Total Organic Carbon (T.O.C.) mg/L	Blank <0.2
	Standard name COT 10mg/L
	Result 10
	Accuracy 100%
	Limit 8 - 12
Chloride mg/L	Blank <0.5
	Standard name DMR-0417-2017-Cl
	Result 113
	Accuracy 95.4%
	Limit 95 - 121
Chrome (Cr) mg/L	Blank <0.0006
	Standard name C00-046-705_X_1000
	Result 0.1001
	Accuracy 99.9%
	Limit 0.0800 - 0.1200
Dissolved Chromium (Cr) mg/L	Blank <0.0006
	Standard name DMR-0219-2017-Eu
	Result 4.185
	Accuracy 96.7%
	Limit 3.24 - 4.86
Cobalt (Co) mg/L	Blank <0.0005

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Quality control Report

Lab number: V-67044

Sample name: NP2 East KIA

Sampling location: NP2 East KIA

Sampling date: August 22, 2017

Sampling hour: 09:45

Parameter	
	Standard name C00-046-705_X_1000
	Result 0.1040
	Accuracy 96%
	Limit 0.0800 - 0.1200
Dissolved Cobalt (Co) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.618
	Accuracy 96.3%
	Limit 1.25 - 1.87
Conductivity µmhos/cm	Standard name STD cond maison
	Result 1404
	Accuracy 99.2%
	Limit 1203 - 1627
Colour UCV	Blank <1
	Standard name DMR-0417-2017-Coul
	Result 90
	Accuracy 96.6%
	Limit 67 - 107
Copper (Cu) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1079
	Accuracy 92.1%
	Limit 0.0800 - 0.1200
Dissolved Copper (Cu) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.485
	Accuracy 84%
	Limit 1.02 - 1.54
Cyanide W.A.D. mg/L	Blank <0.001
	Standard name DMR-0343-CN
	Result 0.921
	Accuracy 95.7%
	Limit 0.751 - 1.015
Total Cyanide (CNT) mg/L	Blank <0.001
	Standard name DMR-0343-CN
	Result 1.28
	Accuracy 91.5%
	Limit 1.003 - 1.357
Tin (Sn) mg/L	Blank <0.001
	Standard name DMR-0310-2016-Sn

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Quality control Report

Lab number: V-67044

Sample name: NP2 East KIA

Sampling location: NP2 East KIA

Sampling date: August 22, 2017

Sampling hour: 09:45

Parameter	
dissolved Tin (Sn) mg/L	Result 7.36
	Accuracy 81.1%
	Limit 7.26 - 10.88
	Blank <0.001
	Standard name DMR-0310-2016-Sn
Iron (Fe) mg/L	Result 9.75
	Accuracy 92.5%
	Limit 6.35 - 11.79
	Blank <0.01
	Standard name C00-046-705_X_1000
Dissolved Iron (Fe) mg/L	Result 1.13
	Accuracy 87%
	Limit 0.800 - 1.200
	Blank <0.01
	Standard name DMR-0219-2017-Eu
Fluoride (F) mg/L	Result 13.5
	Accuracy 81.6%
	Limit 9.1 - 13.7
	Blank <0.02
	Standard name DMR-0417-2017-F
Lithium (Li) mg/L	Result 2.29
	Accuracy 99.6%
	Limit 2.13 - 2.47
	Blank <0.005
	Blank <0.005
Dissolved Lithium (Li) mg/L	Blank <1
	Standard name STD-MES 25mg/L
	Result 23
	Accuracy 92%
	Limit 19 - 31
Total Suspended Solids mg/L	Blank <0.02
	Standard name C00-046-705_X_1000
	Result 0.95
	Accuracy 95%
	Limit 0.800 - 1.200
Magnesium (Mg) mg/L	Blank <0.02
	Standard name DMR-0219-2017-Eu
	Result 8.09
	Accuracy 97.7%
	Limit 6.33 - 9.49

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Quality control Report

Lab number: V-67044

Sample name: NP2 East KIA

Sampling location: NP2 East KIA

Sampling date: August 22, 2017

Sampling hour: 09:45

Parameter	
Manganese (Mn) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1052 Accuracy 94.8% Limit 0.0800 - 0.1200
Dissolved Manganese (Mn) mg/L	Blank <0.0005 Standard name DMR-0219-2017-Eu Result 4.027 Accuracy 96.7% Limit 3.12 - 4.68
Mercury (Hg) mg/L	Blank <0.00001 Standard name DMR-0343-2017-HgEu Result 0.00047 Accuracy 67.1% Limit 0.00042 - 0.00098
Dissolved Mercury (Hg) mg/L	Blank <0.00001 Standard name DMR-0343-2017-HgEu Result 0.00045 Accuracy 64.3% Limit 0.00042 - 0.00098
Molybdenum (Mo) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1041 Accuracy 95.9% Limit 0.0800 - 0.1200
Dissolved Molybdenum (Mo) mg/L	Blank <0.0005 Standard name DMR-0219-2017-Eu Result 0.7358 Accuracy 96.1% Limit 0.566 - 0.850
Nickel (Ni) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1081 Accuracy 91.9% Limit 0.0800 - 0.1200
Dissolved Nickel (Ni) mg/L	Blank <0.0005 Standard name DMR-0219-2017-Eu Result 1.216 Accuracy 93.3% Limit 0.91 - 1.37

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Quality control Report

Lab number: V-67044

Sample name: NP2 East KIA

Sampling location: NP2 East KIA

Sampling date: August 22, 2017

Sampling hour: 09:45

Parameter	
Nitrate (NO ₃) mg N/L	Blank <0.01
Nitrite (NO ₂) mg N/L	Blank <0.01
	Standard name DMR-0417-2017-NO2
	Result 2.73
	Accuracy 99.3%
	Limit 2.30 - 3.12
Ortho-Phosphate (O-PO ₄) mg P/	Blank <0.01
	Standard name DMR-0417-2017-OPO4
	Result 2.82
	Accuracy 88.4%
	Limit 2.81 - 3.57
pH	Standard name STD pH 7.0
	Result 7.00
	Accuracy 100%
	Limit 6.96 - 7.04
Lead (Pb) mg/L	Blank <0.0003
	Standard name C00-046-705_X_1000
	Result 0.0839
	Accuracy 83.9%
	Limit 0.0800 - 0.1200
Dissolved Lead (Pb) mg/L	Blank <0.0003
	Standard name DMR-0219-2017-Eu
	Result 0.9576
	Accuracy 94%
	Limit 0.722 - 1.084
Potassium (K) mg/L	Blank <0.05
	Standard name C00-046-705_X_1000
	Result 0.90
	Accuracy 90%
	Limit 0.800 - 1.200
Selenium (Se) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.111
	Accuracy 89%
	Limit 0.0800 - 0.1200
Dissolved Selenium (Se) mg/L	Blank <0.001
	Standard name DMR-0219-2017-Eu
	Result 1.60
	Accuracy 81.5%
	Limit 1.08 - 1.62

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Quality control Report

Lab number: V-67044

Sample name: NP2 East KIA

Sampling location: NP2 East KIA

Sampling date: August 22, 2017

Sampling hour: 09:45

Parameter	
Sodium (Na) mg/L	Blank <0.05 Standard name C00-046-705_X_1000 Result 0.94 Accuracy 94% Limit 0.800 - 1.200
Strontium (Sr) mg/L	Blank <0.005
dissolved Strontium (Sr) mg/L	Blank <0.005
Sulfate (SO4) mg SO4/L	Blank <0.6 Standard name DMR-0417-2017-SO4 Result 116 Accuracy 94.3% Limit 114 - 132
Tellurium (Te) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1079 Accuracy 92.1% Limit 0.0800 - 0.1200
Thallium (Tl) mg/L	Blank <0.0008
Dissolved thallium (Tl) mg/L	Blank <0.0008
Thiocyanate (SCN) mg SCN/L	Blank <0.05 Standard name STD SCN 568ppm Result 593 Accuracy 95.6% Limit 398 - 738
Thiosulfates (S2O3) mg S2O3/L	Blank <0.02 Standard name S2O3-225ppm Result 232 Accuracy 96.9% Limit 158 - 293
Titanium (Ti) mg/L	Blank <0.01
Dissolved titanium (Ti) mg/L	Blank <0.01
Turbidity UTN	Standard name DMR-0417-2017-Turb Result 5.87 Accuracy 86.9% Limit 4.41 - 5.97
Uranium (U) mg/L	Blank <0.001 Standard name C00-046-705_X_1000 Result 0.104 Accuracy 96% Limit 0.0800 - 0.1200

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Quality control Report

Lab number: V-67044

Sample name: NP2 East KIA

Sampling location: NP2 East KIA

Sampling date: August 22, 2017

Sampling hour: 09:45

Parameter	
Dissolved Uranium (U) mg/L	Blank <0.001
	Standard name DMR-0219-2017-Eu
	Result 1.89
	Accuracy 92.6%
	Limit 1.41 - 2.11
Vanadium (V) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1039
	Accuracy 96.1%
	Limit 0.0800 - 0.1200
Dissolved Vanadium mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.987
	Accuracy 99.8%
	Limit 1.59 - 2.39
Zinc (Zn) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.102
	Accuracy 98%
	Limit 0.0800 - 0.1200
Dissolved Zinc mg/L	Blank <0.001
	Standard name DMR-0219-2017-Eu
	Result 5.19
	Accuracy 86.2%
	Limit 3.65 - 5.47

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Additional information

Lab number: V-67044

Sample name: NP2 East KIA

Sampling location: NP2 East KIA

Sampling date: August 22, 2017

Sampling hour: 09:45

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

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

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

Lab number: V-67042

Sampling location: NP2 South KIA DUP

Sampling date: August 22, 2017

Sample name: NP2 South KIA DUP

Sampling hour: 09:30

Sampled by: Fanny L. Martin T.

Date received: August 23, 2017

Matrix: Water

Reported on: September 11, 2017

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

Results relate only to the sample tested.

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

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

Lab number: V-67042

Sample name: NP2 South KIA DUP

Sampling location: NP2 South KIA DUP

Sampling date: August 22, 2017

Sampling hour: 09:30

Parameter	Result	Method name	Analysis date
Alkalinity	62 mg CaCO ₃ /L	M-TIT-1.0	August 23, 2017
Aluminium (Al)	0.019 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Antimony (Sb)	<0.0001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Antimony (Sb)	<0.0001 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	0.05 mg N/L	Sous-traitance\H2Lab inc. (SAM)	August 25, 2017
Kjeldahl nitrogen	0.7 mg N/L	Sous-traitance\H2Lab inc. (SAM)	August 31, 2017
Barium (Ba)	0.0080 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Barium (Ba)	0.0072 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
bicarbonate (HCO ₃)	62 mg CaCO ₃ /L	M-TIT-1.0	August 23, 2017
Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Bromides	0.04 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Calcium (Ca)	21.0 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Carbonate (CO ₃)	<2 mg CaCO ₃ /L	M-TIT-1.0	August 23, 2017
Dissolved Organic Carbon (D.O.C.)	6.1 mg/L	M-COT-1.0	August 24, 2017
Total Organic Carbon (T.O.C.)	6.1 mg/L	M-COT-1.0	August 24, 2017
Chlorophyll A	1.9 µg/L	Sous-traitance\H2Lab inc. (SAM)	August 31, 2017
Chloride	4.7 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Chrome (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Chromium (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Cobalt (Co)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Cobalt (Co)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Conductivity	231 µmhos/cm	M-TIT-1.0	August 23, 2017
Colour	5 Colour units	Sous-traitance\Multilab Direct	August 24, 2017
Copper (Cu)	0.0033 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Copper (Cu)	0.0034 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Cyanide W.A.D.	0.010 mg/L	Sous-traitance\Multilab Direct	September 01, 2017
Total Cyanide (CNT)	0.014 mg/L	Sous-traitance\Multilab Direct	September 01, 2017
Hardness	81 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	September 06, 2017
Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
dissolved Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 29, 2017

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Analytical Report

Lab number: V-67042

Sample name: NP2 South KIA DUP

Sampling location: NP2 South KIA DUP

Sampling date: August 22, 2017

Sampling hour: 09:30

Parameter	Result	Method name	Analysis date
Iron (Fe)	0.24 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Iron (Fe)	0.09 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Fluoride (F)	0.12 mg/L	Sous-traitance\Multilab Direct	September 01, 2017
Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Dissolved Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Total Suspended Solids	2 mg/L	M-SOLI-1.0	August 24, 2017
Magnesium (Mg)	7.01 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Magnesium (Mg)	7.70 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Manganese (Mn)	0.0240 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Manganese (Mn)	0.0155 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Dissolved Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Molybdenum (Mo)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Molybdenum (Mo)	0.0005 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Ammonia NH3 (non-ionized)	<0.05 mg N/L	Sous-traitance\H2Lab inc. (SAM)	August 25, 2017
Nickel (Ni)	0.0046 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Nickel (Ni)	0.0048 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Nitrate (NO3)	0.04 mg N/L	Sous-traitance\Multilab Direct	August 24, 2017
Nitrite (NO2)	<0.01 mg N/L	Sous-traitance\Multilab Direct	August 24, 2017
Ortho-Phosphate (O-PO4)	<0.01 mg P/L	Sous-traitance\Multilab Direct	August 24, 2017
Dissolved oxygen	8.8 mg/L	Sous-traitance\Multilab Direct	August 24, 2017
pH	7.66	M-TIT-1.0	August 23, 2017
Total Phosphorus (P) (Trace)	12 µg P/L	Sous-traitance\H2Lab inc. (SAM)	August 31, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Potassium (K)	2.34 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Reactive silica (SiO2)	0.41 mg/L	Sous-traitance\Maxxam	August 28, 2017
Sodium (Na)	9.80 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Solids	154 mg/L	M-TIT-1.0	August 23, 2017
Strontium (Sr)	0.081 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
dissolved Strontium (Sr)	0.083 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Sulfate (SO4)	46.2 mg SO4/L	Sous-traitance\Multilab Direct	August 31, 2017
Tellurium (Te)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Dissolved thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Thiocyanate (SCN)	<0.05 mg SCN/L	Sous-traitance\Multilab Direct	August 30, 2017
Thiosulfates (S2O3)	<0.02 mg S2O3/L	Sous-traitance\Multilab Direct	August 28, 2017
Titanium (Ti)	0.02 mg/L	Sous-traitance\Multilab Direct	September 06, 2017

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Analytical Report

Lab number: V-67042

Sample name: NP2 South KIA DUP

Sampling date: August 22, 2017

Sampling location: NP2 South KIA DUP

Sampling hour: 09:30

Parameter	Result	Method name	Analysis date
Dissolved titanium (Ti)	0.02 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Turbidity	1.76 NTU	Sous-traitance\Multilab Direct	August 24, 2017
Uranium (U)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Uranium (U)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Vanadium (V)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Vanadium	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Zinc (Zn)	0.002 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Zinc	<0.001 mg/L	Sous-traitance\Multilab Direct	August 29, 2017

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Detection limit

Lab number: V-67042

Sample name: NP2 South KIA DUP

Sampling date: August 22, 2017

Sampling location: NP2 South KIA DUP

Sampling hour: 09:30

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO ₃ /L	M-TIT-1.0	
Aluminium (Al)	0.006	mg/L	Sous-traitance	
Dissolved Aluminium (Al)	0.006	mg/L	Sous-traitance	
Antimony (Sb)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Antimony (Sb)	0.0001	mg/L	Sous-traitance	
Silver (Ag)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Silver (Ag)	0.0001	mg/L	Sous-traitance	
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Arsenic (As)	0.0005	mg/L	Sous-traitance	
Kjeldahl nitrogen	0.05	mg N/L	Sous-traitance	
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Barium (Ba)	0.0005	mg/L	Sous-traitance	
Beryllium (Be)	0.0005	mg/L	Sous-traitance	
Dissolved Beryllium (Be)	0.0005	mg/L	Sous-traitance	
bicarbonate (HCO ₃)	2	mg CaCO ₃ /L	M-TIT-1.0	
Boron (B)	0.01	mg/L	Sous-traitance	Yes
Dissolved Boron (B)	0.01	mg/L	Sous-traitance	
Bromides	0.01	mg/L	Sous-traitance	
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Dissolved Cadmium (Cd)	0.00002	mg/L	Sous-traitance	
Calcium (Ca)	0.03	mg/L	Sous-traitance	Yes
Carbonate (CO ₃)	2	mg CaCO ₃ /L	M-TIT-1.0	
Dissolved Organic Carbon (D.O.C.)	0.2	mg/L	M-COT-1.0	--
Total Organic Carbon (T.O.C.)	0.2	mg/L	M-COT-1.0	Yes
Chlorophyll A	0.13	µg/L	Sous-traitance	
Chloride	0.5	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Dissolved Chromium (Cr)	0.0006	mg/L	Sous-traitance	
Cobalt (Co)	0.0005	mg/L	Sous-traitance	
Dissolved Cobalt (Co)	0.0005	mg/L	Sous-traitance	
Conductivity	1	µmhos/cm	M-TIT-1.0	Yes
Colour	1	UCV	Sous-traitance	Yes
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Copper (Cu)	0.0005	mg/L	Sous-traitance	
Cyanide W.A.D.	0.001	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO ₃ /L	Sous-traitance	
Tin (Sn)	0.001	mg/L	Sous-traitance	Yes
dissolved Tin (Sn)	0.001	mg/L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes

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Detection limit

Lab number: V-67042

Sample name: NP2 South KIA DUP

Sampling date: August 22, 2017

Sampling location: NP2 South KIA DUP

Sampling hour: 09:30

Parameter	Value	Unit	Method	Accreditation
Dissolved Iron (Fe)	0.01	mg/L	Sous-traitance	
Fluoride (F)	0.02	mg/L	Sous-traitance	Yes
Lithium (Li)	0.005	mg/L	Sous-traitance	
Dissolved Lithium (Li)	0.005	mg/L	Sous-traitance	
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Magnesium (Mg)	0.02	mg/L	Sous-traitance	Yes
Dissolved Magnesium (Mg)	0.02	mg/L	Sous-traitance	
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Manganese (Mn)	0.0005	mg/L	Sous-traitance	
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Dissolved Mercury (Hg)	0.00001	mg/L	Sous-traitance	
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Nickel (Ni)	0.0005	mg/L	Sous-traitance	
Nitrate (NO ₃)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO ₂)	0.01	mg N/L	Sous-traitance	Yes
Ortho-Phosphate (O-PO ₄)	0.01	mg P/L	Sous-traitance	Yes
Dissolved oxygen	0.1	mg/L	Sous-traitance	
pH			M-TIT-1.0	Yes
Total Phosphorus (P) (Trace)	1.9	µg P/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Dissolved Lead (Pb)	0.0003	mg/L	Sous-traitance	
Potassium (K)	0.05	mg/L	Sous-traitance	
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Dissolved Selenium (Se)	0.001	mg/L	Sous-traitance	
Reactive silica (SiO ₂)		mg/L	Sous-traitance	
Sodium (Na)	0.05	mg/L	Sous-traitance	Yes
Dissolved Solids	1	mg/L	M-TIT-1.0	
Strontium (Sr)	0.005	mg/L	Sous-traitance	
dissolved Strontium (Sr)	0.005	mg/L	Sous-traitance	
Sulfate (SO ₄)	0.6	mg SO ₄ /L	Sous-traitance	Yes
Tellurium (Te)	0.0005	mg/L	Sous-traitance	
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Dissolved thallium (Tl)	0.0008	mg/L	Sous-traitance	
Thiocyanate (SCN)	0.05	mg SCN/L	Sous-traitance	Yes
Thiosulfates (S ₂ O ₃)	0.02	mg S ₂ O ₃ /L	Sous-traitance	Yes
Titanium (Ti)	0.01	mg/L	Sous-traitance	
Dissolved titanium (Ti)	0.01	mg/L	Sous-traitance	
Turbidity	0.02	UTN	Sous-traitance	Yes

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Detection limit

Lab number: V-67042

Sample name: NP2 South KIA DUP

Sampling date: August 22, 2017

Sampling location: NP2 South KIA DUP

Sampling hour: 09:30

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

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Quality control Report

Lab number: V-67042

Sample name: NP2 South KIA DUP

Sampling location: NP2 South KIA DUP

Sampling date: August 22, 2017

Sampling hour: 09:30

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 151 Accuracy 95.9% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006 Standard name C00-046-705_X_1000 Result 0.997 Accuracy 99.7% Limit 0.800 - 1.200
Dissolved Aluminium (Al) mg/L	Blank <0.006 Standard name DMR-0219-2017-Eu Result 6.28 Accuracy 99.8% Limit 5.02 - 7.52
Antimony (Sb) mg/L	Blank <0.0001 Standard name C00-046-705_X_1000 Result 0.0116 Accuracy 84% Limit 0.0080 - 0.0120
Dissolved Antimony (Sb) mg/L	Blank <0.0001 Standard name DMR-0219-2017-Eu Result 0.2262 Accuracy 98.1% Limit 0.178 - 0.266
Silver (Ag) mg/L	Blank <0.0001 Standard name DMR-0343-2017-Ag Result 0.7045 Accuracy 87.8% Limit 0.642 - 0.962
Dissolved Silver (Ag) mg/L	Blank <0.0001 Standard name DMR-0343-2017-Ag Result 0.8046 Accuracy 99.7% Limit 0.642 - 0.962
Arsenic (As) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0880 Accuracy 88% Limit 0.0700 - 0.1300
Dissolved Arsenic (As) mg/L	Blank <0.0005

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Quality control Report

Lab number: V-67042

Sample name: NP2 South KIA DUP

Sampling location: NP2 South KIA DUP

Sampling date: August 22, 2017

Sampling hour: 09:30

Parameter	
	Standard name DMR-0219-2017-Eu
	Result 0.3468
	Accuracy 77.9%
	Limit 0.199 - 0.369
Barium (Ba) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0909
	Accuracy 90.9%
	Limit 0.0800 - 0.1200
Dissolved Barium (Ba) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 2.881
	Accuracy 81.4%
	Limit 1.94 - 2.92
Beryllium (Be) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1054
	Accuracy 94.6%
	Limit 0.0800 - 0.1200
Dissolved Beryllium (Be) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.922
	Accuracy 86.9%
	Limit 1.36 - 2.04
Boron (B) mg/L	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.07
	Accuracy 93%
	Limit 0.800 - 1.200
Dissolved Boron (B) mg/L	Blank <0.01
	Standard name DMR-0219-2017-Eu
	Result 3.17
	Accuracy 89.9%
	Limit 2.30 - 3.46
Bromides mg/L	Blank <0.01
	Standard name DMR-0119-2017-Br
	Result 5.52
	Accuracy 98%
	Limit 4.50 - 6.76
Cadmium (Cd) mg/L	Blank <0.00002

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Quality control Report

Lab number: V-67042

Sample name: NP2 South KIA DUP

Sampling location: NP2 South KIA DUP

Sampling date: August 22, 2017

Sampling hour: 09:30

Parameter	
	Standard name C00-046-705_X_1000
	Result 0.10785
	Accuracy 92.2%
	Limit 0.0800 - 0.1200
Dissolved Cadmium (Cd) mg/L	Blank <0.00002
	Standard name DMR-0219-2017-Eu
	Result 1.0050
	Accuracy 88.5%
	Limit 0.721 - 1.081
Calcium (Ca) mg/L	Blank <0.03
	Standard name C00-046-705_X_1000
	Result 0.95
	Accuracy 95%
	Limit 0.800 - 1.200
Dissolved Organic Carbon (D.O.C.) mg/L	Blank <0.2
	Standard name COD 10mg/L
	Result 10
	Accuracy 100%
	Limit 8 - 12
Total Organic Carbon (T.O.C.) mg/L	Blank <0.2
	Standard name COT 10mg/L
	Result 10
	Accuracy 100%
	Limit 8 - 12
Chloride mg/L	Blank <0.5
	Standard name DMR-0417-2017-Cl
	Result 113
	Accuracy 95.4%
	Limit 95 - 121
Chrome (Cr) mg/L	Blank <0.0006
	Standard name C00-046-705_X_1000
	Result 0.1001
	Accuracy 99.9%
	Limit 0.0800 - 0.1200
Dissolved Chromium (Cr) mg/L	Blank <0.0006
	Standard name DMR-0219-2017-Eu
	Result 4.185
	Accuracy 96.7%
	Limit 3.24 - 4.86
Cobalt (Co) mg/L	Blank <0.0005

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Quality control Report

Lab number: V-67042

Sample name: NP2 South KIA DUP

Sampling location: NP2 South KIA DUP

Sampling date: August 22, 2017

Sampling hour: 09:30

Parameter	
	Standard name C00-046-705_X_1000
	Result 0.1040
	Accuracy 96%
	Limit 0.0800 - 0.1200
Dissolved Cobalt (Co) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.618
	Accuracy 96.3%
	Limit 1.25 - 1.87
Conductivity µmhos/cm	Standard name STD cond maison
	Result 1404
	Accuracy 99.2%
	Limit 1203 - 1627
Colour UCV	Blank <1
	Standard name DMR-0417-2017-Coul
	Result 90
	Accuracy 96.6%
	Limit 67 - 107
Copper (Cu) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1079
	Accuracy 92.1%
	Limit 0.0800 - 0.1200
Dissolved Copper (Cu) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.485
	Accuracy 84%
	Limit 1.02 - 1.54
Cyanide W.A.D. mg/L	Blank <0.001
	Standard name DMR-0343-CN
	Result 0.921
	Accuracy 95.7%
	Limit 0.751 - 1.015
Total Cyanide (CNT) mg/L	Blank <0.001
	Standard name DMR-0343-CN
	Result 1.28
	Accuracy 91.5%
	Limit 1.003 - 1.357
Tin (Sn) mg/L	Blank <0.001
	Standard name DMR-0310-2016-Sn

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Quality control Report

Lab number: V-67042

Sample name: NP2 South KIA DUP

Sampling location: NP2 South KIA DUP

Sampling date: August 22, 2017

Sampling hour: 09:30

Parameter	
dissolved Tin (Sn) mg/L	Result 7.36
	Accuracy 81.1%
	Limit 7.26 - 10.88
	Blank <0.001
	Standard name DMR-0310-2016-Sn
Iron (Fe) mg/L	Result 9.75
	Accuracy 92.5%
	Limit 6.35 - 11.79
	Blank <0.01
	Standard name C00-046-705_X_1000
Dissolved Iron (Fe) mg/L	Result 1.13
	Accuracy 87%
	Limit 0.800 - 1.200
	Blank <0.01
	Standard name DMR-0219-2017-Eu
Fluoride (F) mg/L	Result 13.5
	Accuracy 81.6%
	Limit 9.1 - 13.7
	Blank <0.02
	Standard name DMR-0417-2017-F
Lithium (Li) mg/L	Result 2.29
	Accuracy 99.6%
	Limit 2.13 - 2.47
	Blank <0.005
	Blank <0.005
Dissolved Lithium (Li) mg/L	Blank <1
	Standard name STD-MES 25mg/L
	Result 23
	Accuracy 92%
	Limit 19 - 31
Total Suspended Solids mg/L	Blank <0.02
	Standard name C00-046-705_X_1000
	Result 0.95
	Accuracy 95%
	Limit 0.800 - 1.200
Dissolved Magnesium (Mg) mg/L	Blank <0.02
	Standard name DMR-0219-2017-Eu
	Result 8.09
	Accuracy 97.7%
	Limit 6.33 - 9.49

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Quality control Report

Lab number: V-67042

Sample name: NP2 South KIA DUP

Sampling location: NP2 South KIA DUP

Sampling date: August 22, 2017

Sampling hour: 09:30

Parameter	
Manganese (Mn) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1052 Accuracy 94.8% Limit 0.0800 - 0.1200
Dissolved Manganese (Mn) mg/L	Blank <0.0005 Standard name DMR-0219-2017-Eu Result 4.027 Accuracy 96.7% Limit 3.12 - 4.68
Mercury (Hg) mg/L	Blank <0.00001 Standard name DMR-0343-2017-HgEu Result 0.00047 Accuracy 67.1% Limit 0.00042 - 0.00098
Dissolved Mercury (Hg) mg/L	Blank <0.00001 Standard name DMR-0343-2017-HgEu Result 0.00045 Accuracy 64.3% Limit 0.00042 - 0.00098
Molybdenum (Mo) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1041 Accuracy 95.9% Limit 0.0800 - 0.1200
Dissolved Molybdenum (Mo) mg/L	Blank <0.0005 Standard name DMR-0219-2017-Eu Result 0.7358 Accuracy 96.1% Limit 0.566 - 0.850
Nickel (Ni) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1081 Accuracy 91.9% Limit 0.0800 - 0.1200
Dissolved Nickel (Ni) mg/L	Blank <0.0005 Standard name DMR-0219-2017-Eu Result 1.216 Accuracy 93.3% Limit 0.91 - 1.37

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Quality control Report

Lab number: V-67042

Sample name: NP2 South KIA DUP

Sampling date: August 22, 2017

Sampling location: NP2 South KIA DUP

Sampling hour: 09:30

Parameter	
Nitrate (NO3) mg N/L	Blank <0.01
Nitrite (NO2) mg N/L	Blank <0.01
	Standard name DMR-0417-2017-NO2
	Result 2.73
	Accuracy 99.3%
	Limit 2.30 - 3.12
Ortho-Phosphate (O-PO4) mg P/L	Blank <0.01
	Standard name DMR-0417-2017-OPO4
	Result 2.82
	Accuracy 88.4%
	Limit 2.81 - 3.57
pH	Standard name STD pH 7.0
	Result 7.00
	Accuracy 100%
	Limit 6.96 - 7.04
Lead (Pb) mg/L	Blank <0.0003
	Standard name C00-046-705_X_1000
	Result 0.0839
	Accuracy 83.9%
	Limit 0.0800 - 0.1200
Dissolved Lead (Pb) mg/L	Blank <0.0003
	Standard name DMR-0219-2017-Eu
	Result 0.9576
	Accuracy 94%
	Limit 0.722 - 1.084
Potassium (K) mg/L	Blank <0.05
	Standard name C00-046-705_X_1000
	Result 0.90
	Accuracy 90%
	Limit 0.800 - 1.200
Selenium (Se) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.111
	Accuracy 89%
	Limit 0.0800 - 0.1200
Dissolved Selenium (Se) mg/L	Blank <0.001
	Standard name DMR-0219-2017-Eu
	Result 1.60
	Accuracy 81.5%
	Limit 1.08 - 1.62

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Quality control Report

Lab number: V-67042

Sample name: NP2 South KIA DUP

Sampling location: NP2 South KIA DUP

Sampling date: August 22, 2017

Sampling hour: 09:30

Parameter	
Sodium (Na) mg/L	Blank <0.05 Standard name C00-046-705_X_1000 Result 0.94 Accuracy 94% Limit 0.800 - 1.200
Strontium (Sr) mg/L	Blank <0.005
dissolved Strontium (Sr) mg/L	Blank <0.005
Sulfate (SO4) mg SO4/L	Blank <0.6 Standard name DMR-0417-2017-SO4 Result 116 Accuracy 94.3% Limit 114 - 132
Tellurium (Te) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1079 Accuracy 92.1% Limit 0.0800 - 0.1200
Thallium (Tl) mg/L	Blank <0.0008
Dissolved thallium (Tl) mg/L	Blank <0.0008
Thiocyanate (SCN) mg SCN/L	Blank <0.05 Standard name STD SCN 568ppm Result 593 Accuracy 95.6% Limit 398 - 738 Sample duplicate <0.05-<0.05
Thiosulfates (S2O3) mg S2O3/L	Blank <0.02 Standard name S2O3-225ppm Result 232 Accuracy 96.9% Limit 158 - 293
Titanium (Ti) mg/L	Blank <0.01
Dissolved titanium (Ti) mg/L	Blank <0.01
Turbidity UTN	Standard name DMR-0417-2017-Turb Result 5.87 Accuracy 86.9% Limit 4.41 - 5.97
Uranium (U) mg/L	Blank <0.001 Standard name C00-046-705_X_1000 Result 0.104 Accuracy 96%

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Additional information

Lab number: V-67042

Sample name: NP2 South KIA DUP

Sampling location: NP2 South KIA DUP

Sampling date: August 22, 2017

Sampling hour: 09:30

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

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

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

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

Lab number: V-67043

Sampling location: NP2 South KIA FB

Sampling date: August 22, 2017

Sample name: NP2 South KIA FB

Sampling hour: 09:30

Sampled by: Fanny L. Martin T.

Date received: August 23, 2017

Matrix: Water

Drinking water distribution:

Reported on: September 11, 2017

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

Results relate only to the sample tested.

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

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Analytical Report

Lab number: V-67043

Sample name: NP2 South KIA FB

Sampling location: NP2 South KIA FB

Sampling date: August 22, 2017

Sampling hour: 09:30

Parameter	Result	Method name	Analysis date
Alkalinity	14 mg CaCO ₃ /L	M-TIT-1.0	August 23, 2017
Aluminium (Al)	0.017 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Aluminium (Al)	0.019 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Antimony (Sb)	<0.0001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Antimony (Sb)	<0.0001 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Arsenic (As)	0.0005 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	<0.05 mg N/L	Sous-traitance\H2Lab inc. (SAM)	August 25, 2017
Kjeldahl nitrogen	<0.7 mg N/L	Sous-traitance\H2Lab inc. (SAM)	August 31, 2017
Barium (Ba)	0.0022 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Barium (Ba)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
bicarbonate (HCO ₃)	14 mg CaCO ₃ /L	M-TIT-1.0	August 23, 2017
Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Bromides	<0.01 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Calcium (Ca)	0.12 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Carbonate (CO ₃)	<2 mg CaCO ₃ /L	M-TIT-1.0	August 23, 2017
Dissolved Organic Carbon (D.O.C.)	0.2 mg/L	M-COT-1.0	August 24, 2017
Total Organic Carbon (T.O.C.)	0.5 mg/L	M-COT-1.0	August 24, 2017
Chloride	<0.5 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Chrome (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Chromium (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Cobalt (Co)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Cobalt (Co)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Conductivity	1 µmhos/cm	M-TIT-1.0	August 23, 2017
Colour	<1 Colour units	Sous-traitance\Multilab Direct	August 24, 2017
Copper (Cu)	0.0060 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Copper (Cu)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Cyanide W.A.D.	0.009 mg/L	Sous-traitance\Multilab Direct	September 01, 2017
Total Cyanide (CNT)	0.011 mg/L	Sous-traitance\Multilab Direct	September 01, 2017
Hardness	<1 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	September 06, 2017
Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
dissolved Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Iron (Fe)	0.02 mg/L	Sous-traitance\Multilab Direct	September 06, 2017

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Analytical Report

Lab number: V-67043

Sample name: NP2 South KIA FB

Sampling date: August 22, 2017

Sampling location: NP2 South KIA FB

Sampling hour: 09:30

Parameter	Result	Method name	Analysis date
Dissolved Iron (Fe)	<0.01 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Fluoride (F)	0.01 mg/L	Sous-traitance\Multilab Direct	September 01, 2017
Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Dissolved Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Total Suspended Solids	<1 mg/L	M-SOLI-1.0	August 24, 2017
Magnesium (Mg)	<0.02 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Magnesium (Mg)	<0.02 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Manganese (Mn)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Manganese (Mn)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Mercury (Hg)	0.00004 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Dissolved Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Molybdenum (Mo)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Molybdenum (Mo)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Ammonia NH3 (non-ionized)	<0.05 mg N/L	Sous-traitance\H2Lab inc. (SAM)	August 25, 2017
Nickel (Ni)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Nickel (Ni)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Nitrate (NO3)	<0.01 mg N/L	Sous-traitance\Multilab Direct	August 24, 2017
Nitrite (NO2)	<0.01 mg N/L	Sous-traitance\Multilab Direct	August 24, 2017
Ortho-Phosphate (O-PO4)	<0.01 mg P/L	Sous-traitance\Multilab Direct	August 24, 2017
Dissolved oxygen	9.6 mg/L	Sous-traitance\Multilab Direct	August 24, 2017
pH	5.39	M-TIT-1.0	August 22, 2017
Total Phosphorus (P) (Trace)	8.9 µg P/L	Sous-traitance\H2Lab inc. (SAM)	August 31, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Lead (Pb)	0.0008 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Potassium (K)	<0.05 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Reactive silica (SiO2)	0.17 mg/L	Sous-traitance\Maxxam	August 28, 2017
Sodium (Na)	<0.05 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Solids	<1 mg/L	M-TIT-1.0	August 23, 2017
Strontium (Sr)	<0.005 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
dissolved Strontium (Sr)	<0.005 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Sulfate (SO4)	1.5 mg SO4/L	Sous-traitance\Multilab Direct	August 31, 2017
Tellurium (Te)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Dissolved thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Thiocyanate (SCN)	<0.05 mg SCN/L	Sous-traitance\Multilab Direct	August 30, 2017
Thiosulfates (S2O3)	<0.02 mg S2O3/L	Sous-traitance\Multilab Direct	August 28, 2017
Titanium (Ti)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved titanium (Ti)	<0.01 mg/L	Sous-traitance\Multilab Direct	August 29, 2017

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Analytical Report

Lab number: V-67043

Sample name: NP2 South KIA FB

Sampling date: August 22, 2017

Sampling location: NP2 South KIA FB

Sampling hour: 09:30

Parameter	Result	Method name	Analysis date
Turbidity	0.35 NTU	Sous-traitance\Multilab Direct	August 24, 2017
Uranium (U)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Uranium (U)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Vanadium (V)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Vanadium	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Zinc (Zn)	0.002 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Zinc	0.002 mg/L	Sous-traitance\Multilab Direct	August 29, 2017

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Detection limit

Lab number: V-67043

Sample name: NP2 South KIA FB

Sampling date: August 22, 2017

Sampling location: NP2 South KIA FB

Sampling hour: 09:30

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

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Detection limit

Lab number: V-67043

Sample name: NP2 South KIA FB

Sampling date: August 22, 2017

Sampling location: NP2 South KIA FB

Sampling hour: 09:30

Parameter	Value	Unit	Method	Accreditation
Fluoride (F)	0.02	mg/L	Sous-traitance	Yes
Lithium (Li)	0.005	mg/L	Sous-traitance	
Dissolved Lithium (Li)	0.005	mg/L	Sous-traitance	
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Magnesium (Mg)	0.02	mg/L	Sous-traitance	Yes
Dissolved Magnesium (Mg)	0.02	mg/L	Sous-traitance	
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Manganese (Mn)	0.0005	mg/L	Sous-traitance	
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Dissolved Mercury (Hg)	0.00001	mg/L	Sous-traitance	
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Nickel (Ni)	0.0005	mg/L	Sous-traitance	
Nitrate (NO ₃)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO ₂)	0.01	mg N/L	Sous-traitance	Yes
Ortho-Phosphate (O-PO ₄)	0.01	mg P/L	Sous-traitance	Yes
Dissolved oxygen	0.1	mg/L	Sous-traitance	
pH			M-TIT-1.0	Yes
Total Phosphorus (P) (Trace)	1.9	µg P/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Dissolved Lead (Pb)	0.0003	mg/L	Sous-traitance	
Potassium (K)	0.05	mg/L	Sous-traitance	
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Dissolved Selenium (Se)	0.001	mg/L	Sous-traitance	
Reactive silica (SiO ₂)		mg/L	Sous-traitance	
Sodium (Na)	0.05	mg/L	Sous-traitance	Yes
Dissolved Solids	1	mg/L	M-TIT-1.0	
Strontium (Sr)	0.005	mg/L	Sous-traitance	
dissolved Strontium (Sr)	0.005	mg/L	Sous-traitance	
Sulfate (SO ₄)	0.6	mg SO ₄ /L	Sous-traitance	Yes
Tellurium (Te)	0.0005	mg/L	Sous-traitance	
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Dissolved thallium (Tl)	0.0008	mg/L	Sous-traitance	
Thiocyanate (SCN)	0.05	mg SCN/L	Sous-traitance	Yes
Thiosulfates (S ₂ O ₃)	0.02	mg S ₂ O ₃ /L	Sous-traitance	Yes
Titanium (Ti)	0.01	mg/L	Sous-traitance	
Dissolved titanium (Ti)	0.01	mg/L	Sous-traitance	
Turbidity	0.02	UTN	Sous-traitance	Yes
Uranium (U)	0.001	mg/L	Sous-traitance	

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Detection limit

Lab number: V-67043

Sample name: NP2 South KIA FB

Sampling date: August 22, 2017

Sampling location: NP2 South KIA FB

Sampling hour: 09:30

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

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Quality control Report

Lab number: V-67043

Sample name: NP2 South KIA FB

Sampling location: NP2 South KIA FB

Sampling date: August 22, 2017

Sampling hour: 09:30

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 151 Accuracy 95.9% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006 Standard name C00-046-705_X_1000 Result 0.997 Accuracy 99.7% Limit 0.800 - 1.200
Dissolved Aluminium (Al) mg/L	Blank <0.006 Standard name DMR-0219-2017-Eu Result 6.28 Accuracy 99.8% Limit 5.02 - 7.52
Antimony (Sb) mg/L	Blank <0.0001 Standard name C00-046-705_X_1000 Result 0.0116 Accuracy 84% Limit 0.0080 - 0.0120
Dissolved Antimony (Sb) mg/L	Blank <0.0001 Standard name DMR-0219-2017-Eu Result 0.2262 Accuracy 98.1% Limit 0.178 - 0.266
Silver (Ag) mg/L	Blank <0.0001 Standard name DMR-0343-2017-Ag Result 0.7045 Accuracy 87.8% Limit 0.642 - 0.962
Dissolved Silver (Ag) mg/L	Blank <0.0001 Standard name DMR-0343-2017-Ag Result 0.8046 Accuracy 99.7% Limit 0.642 - 0.962
Arsenic (As) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0880 Accuracy 88% Limit 0.0700 - 0.1300
Dissolved Arsenic (As) mg/L	Blank <0.0005

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Quality control Report

Lab number: V-67043

Sample name: NP2 South KIA FB

Sampling location: NP2 South KIA FB

Sampling date: August 22, 2017

Sampling hour: 09:30

Parameter	
	Standard name DMR-0219-2017-Eu
	Result 0.3468
	Accuracy 77.9%
	Limit 0.199 - 0.369
Barium (Ba) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0909
	Accuracy 90.9%
	Limit 0.0800 - 0.1200
Dissolved Barium (Ba) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 2.881
	Accuracy 81.4%
	Limit 1.94 - 2.92
Beryllium (Be) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1054
	Accuracy 94.6%
	Limit 0.0800 - 0.1200
Dissolved Beryllium (Be) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.922
	Accuracy 86.9%
	Limit 1.36 - 2.04
Boron (B) mg/L	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.07
	Accuracy 93%
	Limit 0.800 - 1.200
Dissolved Boron (B) mg/L	Blank <0.01
	Standard name DMR-0219-2017-Eu
	Result 3.17
	Accuracy 89.9%
	Limit 2.30 - 3.46
Bromides mg/L	Blank <0.01
	Standard name DMR-0119-2017-Br
	Result 5.52
	Accuracy 98%
	Limit 4.50 - 6.76
Cadmium (Cd) mg/L	Blank <0.00002

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Quality control Report

Lab number: V-67043

Sample name: NP2 South KIA FB

Sampling location: NP2 South KIA FB

Sampling date: August 22, 2017

Sampling hour: 09:30

Parameter	
	Standard name C00-046-705_X_1000
	Result 0.10785
	Accuracy 92.2%
	Limit 0.0800 - 0.1200
Dissolved Cadmium (Cd) mg/L	Blank <0.00002
	Standard name DMR-0219-2017-Eu
	Result 1.0050
	Accuracy 88.5%
	Limit 0.721 - 1.081
Calcium (Ca) mg/L	Blank <0.03
	Standard name C00-046-705_X_1000
	Result 0.95
	Accuracy 95%
	Limit 0.800 - 1.200
Dissolved Organic Carbon (D.O.C.) mg/L	Blank <0.2
	Standard name COD 10mg/L
	Result 10
	Accuracy 100%
	Limit 8 - 12
Total Organic Carbon (T.O.C.) mg/L	Blank <0.2
	Standard name COT 10mg/L
	Result 10
	Accuracy 100%
	Limit 8 - 12
Chloride mg/L	Blank <0.5
	Standard name DMR-0417-2017-Cl
	Result 113
	Accuracy 95.4%
	Limit 95 - 121
Chrome (Cr) mg/L	Blank <0.0006
	Standard name C00-046-705_X_1000
	Result 0.1001
	Accuracy 99.9%
	Limit 0.0800 - 0.1200
Dissolved Chromium (Cr) mg/L	Blank <0.0006
	Standard name DMR-0219-2017-Eu
	Result 4.185
	Accuracy 96.7%
	Limit 3.24 - 4.86
Cobalt (Co) mg/L	Blank <0.0005

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Quality control Report

Lab number: V-67043

Sample name: NP2 South KIA FB

Sampling location: NP2 South KIA FB

Sampling date: August 22, 2017

Sampling hour: 09:30

Parameter	
	Standard name C00-046-705_X_1000
	Result 0.1040
	Accuracy 96%
	Limit 0.0800 - 0.1200
Dissolved Cobalt (Co) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.618
	Accuracy 96.3%
	Limit 1.25 - 1.87
Conductivity µmhos/cm	Standard name STD cond maison
	Result 1404
	Accuracy 99.2%
	Limit 1203 - 1627
Colour UCV	Blank <1
	Standard name DMR-0417-2017-Coul
	Result 90
	Accuracy 96.6%
	Limit 67 - 107
Copper (Cu) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1079
	Accuracy 92.1%
	Limit 0.0800 - 0.1200
Dissolved Copper (Cu) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.485
	Accuracy 84%
	Limit 1.02 - 1.54
Cyanide W.A.D. mg/L	Blank <0.001
	Standard name DMR-0343-CN
	Result 0.921
	Accuracy 95.7%
	Limit 0.751 - 1.015
Total Cyanide (CNT) mg/L	Blank <0.001
	Standard name DMR-0343-CN
	Result 1.28
	Accuracy 91.5%
	Limit 1.003 - 1.357
Tin (Sn) mg/L	Blank <0.001
	Standard name DMR-0310-2016-Sn

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Quality control Report

Lab number: V-67043

Sample name: NP2 South KIA FB

Sampling location: NP2 South KIA FB

Sampling date: August 22, 2017

Sampling hour: 09:30

Parameter	
dissolved Tin (Sn) mg/L	Result 7.36
	Accuracy 81.1%
	Limit 7.26 - 10.88
	Blank <0.001
	Standard name DMR-0310-2016-Sn
Iron (Fe) mg/L	Result 9.75
	Accuracy 92.5%
	Limit 6.35 - 11.79
	Blank <0.01
	Standard name C00-046-705_X_1000
Dissolved Iron (Fe) mg/L	Result 1.13
	Accuracy 87%
	Limit 0.800 - 1.200
	Blank <0.01
	Standard name DMR-0219-2017-Eu
Fluoride (F) mg/L	Result 13.5
	Accuracy 81.6%
	Limit 9.1 - 13.7
	Blank <0.02
	Standard name DMR-0417-2017-F
Lithium (Li) mg/L	Result 2.29
	Accuracy 99.6%
	Limit 2.13 - 2.47
	Blank <0.005
	Blank <0.005
Dissolved Lithium (Li) mg/L	Blank <1
	Standard name STD-MES 25mg/L
	Result 23
	Accuracy 92%
	Limit 19 - 31
Total Suspended Solids mg/L	Blank <0.02
	Standard name C00-046-705_X_1000
	Result 0.95
	Accuracy 95%
	Limit 0.800 - 1.200
Dissolved Magnesium (Mg) mg/L	Blank <0.02
	Standard name DMR-0219-2017-Eu
	Result 8.09
	Accuracy 97.7%
	Limit 6.33 - 9.49

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Quality control Report

Lab number: V-67043

Sample name: NP2 South KIA FB

Sampling location: NP2 South KIA FB

Sampling date: August 22, 2017

Sampling hour: 09:30

Parameter	
Manganese (Mn) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1052 Accuracy 94.8% Limit 0.0800 - 0.1200
Dissolved Manganese (Mn) mg/L	Blank <0.0005 Standard name DMR-0219-2017-Eu Result 4.027 Accuracy 96.7% Limit 3.12 - 4.68
Mercury (Hg) mg/L	Blank <0.00001 Standard name DMR-0343-2017-HgEu Result 0.00047 Accuracy 67.1% Limit 0.00042 - 0.00098
Dissolved Mercury (Hg) mg/L	Blank <0.00001 Standard name DMR-0343-2017-HgEu Result 0.00045 Accuracy 64.3% Limit 0.00042 - 0.00098
Molybdenum (Mo) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1041 Accuracy 95.9% Limit 0.0800 - 0.1200
Dissolved Molybdenum (Mo) mg/L	Blank <0.0005 Standard name DMR-0219-2017-Eu Result 0.7358 Accuracy 96.1% Limit 0.566 - 0.850
Nickel (Ni) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1081 Accuracy 91.9% Limit 0.0800 - 0.1200
Dissolved Nickel (Ni) mg/L	Blank <0.0005 Standard name DMR-0219-2017-Eu Result 1.216 Accuracy 93.3% Limit 0.91 - 1.37

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Quality control Report

Lab number: V-67043

Sample name: NP2 South KIA FB

Sampling date: August 22, 2017

Sampling location: NP2 South KIA FB

Sampling hour: 09:30

Parameter	
Nitrate (NO3) mg N/L	Blank <0.01
Nitrite (NO2) mg N/L	Blank <0.01
	Standard name DMR-0417-2017-NO2
	Result 2.73
	Accuracy 99.3%
	Limit 2.30 - 3.12
Ortho-Phosphate (O-PO4) mg P/	Blank <0.01
	Standard name DMR-0417-2017-OPO4
	Result 2.82
	Accuracy 88.4%
	Limit 2.81 - 3.57
pH	Standard name STD pH 7.0
	Result 7.00
	Accuracy 100%
	Limit 6.96 - 7.04
Lead (Pb) mg/L	Blank <0.0003
	Standard name C00-046-705_X_1000
	Result 0.0839
	Accuracy 83.9%
	Limit 0.0800 - 0.1200
Dissolved Lead (Pb) mg/L	Blank <0.0003
	Standard name DMR-0219-2017-Eu
	Result 0.9576
	Accuracy 94%
	Limit 0.722 - 1.084
Potassium (K) mg/L	Blank <0.05
	Standard name C00-046-705_X_1000
	Result 0.90
	Accuracy 90%
	Limit 0.800 - 1.200
Selenium (Se) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.111
	Accuracy 89%
	Limit 0.0800 - 0.1200
Dissolved Selenium (Se) mg/L	Blank <0.001
	Standard name DMR-0219-2017-Eu
	Result 1.60
	Accuracy 81.5%
	Limit 1.08 - 1.62

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Quality control Report

Lab number: V-67043

Sample name: NP2 South KIA FB

Sampling location: NP2 South KIA FB

Sampling date: August 22, 2017

Sampling hour: 09:30

Parameter	
Sodium (Na) mg/L	Blank <0.05 Standard name C00-046-705_X_1000 Result 0.94 Accuracy 94% Limit 0.800 - 1.200
Strontium (Sr) mg/L	Blank <0.005
dissolved Strontium (Sr) mg/L	Blank <0.005
Sulfate (SO4) mg SO4/L	Blank <0.6 Standard name DMR-0417-2017-SO4 Result 116 Accuracy 94.3% Limit 114 - 132
Tellurium (Te) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1079 Accuracy 92.1% Limit 0.0800 - 0.1200
Thallium (Tl) mg/L	Blank <0.0008
Dissolved thallium (Tl) mg/L	Blank <0.0008
Thiocyanate (SCN) mg SCN/L	Blank <0.05 Standard name STD SCN 568ppm Result 593 Accuracy 95.6% Limit 398 - 738
Thiosulfates (S2O3) mg S2O3/L	Blank <0.02 Standard name S2O3-225ppm Result 232 Accuracy 96.9% Limit 158 - 293
Titanium (Ti) mg/L	Blank <0.01
Dissolved titanium (Ti) mg/L	Blank <0.01
Turbidity UTN	Standard name DMR-0417-2017-Turb Result 5.87 Accuracy 86.9% Limit 4.41 - 5.97
Uranium (U) mg/L	Blank <0.001 Standard name C00-046-705_X_1000 Result 0.104 Accuracy 96% Limit 0.0800 - 0.1200

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Quality control Report

Lab number: V-67043

Sample name: NP2 South KIA FB

Sampling location: NP2 South KIA FB

Sampling date: August 22, 2017

Sampling hour: 09:30

Parameter	
Dissolved Uranium (U) mg/L	Blank <0.001 Standard name DMR-0219-2017-Eu Result 1.89 Accuracy 92.6% Limit 1.41 - 2.11
Vanadium (V) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1039 Accuracy 96.1% Limit 0.0800 - 0.1200
Dissolved Vanadium mg/L	Blank <0.0005 Standard name DMR-0219-2017-Eu Result 1.987 Accuracy 99.8% Limit 1.59 - 2.39
Zinc (Zn) mg/L	Blank <0.001 Standard name C00-046-705_X_1000 Result 0.102 Accuracy 98% Limit 0.0800 - 0.1200
Dissolved Zinc mg/L	Blank <0.001 Standard name DMR-0219-2017-Eu Result 5.19 Accuracy 86.2% Limit 3.65 - 5.47

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Additional information

Lab number: V-67043

Sample name: NP2 South KIA FB

Sampling location: NP2 South KIA FB

Sampling date: August 22, 2017

Sampling hour: 09:30

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

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

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

Lab number: V-67041

Sampling location: NP2 South KIA

Sampling date: August 22, 2017

Sample name: NP2 South KIA

Sampling hour: 09:30

Sampled by: Fanny L. Martin T.

Date received: August 23, 2017

Matrix: Water

Reported on: September 11, 2017

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

Results relate only to the sample tested.

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

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Analytical Report

Lab number: V-67041

Sample name: NP2 South KIA

Sampling location: NP2 South KIA

Sampling date: August 22, 2017

Sampling hour: 09:30

Parameter	Result	Method name	Analysis date
Alkalinity	61 mg CaCO ₃ /L	M-TIT-1.0	August 23, 2017
Aluminium (Al)	0.021 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Antimony (Sb)	<0.0001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Antimony (Sb)	<0.0001 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	<0.05 mg N/L	Sous-traitance\H2Lab inc. (SAM)	August 25, 2017
Kjeldahl nitrogen	<0.7 mg N/L	Sous-traitance\H2Lab inc. (SAM)	August 31, 2017
Barium (Ba)	0.0091 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Barium (Ba)	0.0067 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
bicarbonate (HCO ₃)	61 mg CaCO ₃ /L	M-TIT-1.0	August 23, 2017
Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Bromides	0.03 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Calcium (Ca)	22.1 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Carbonate (CO ₃)	<2 mg CaCO ₃ /L	M-TIT-1.0	August 23, 2017
Dissolved Organic Carbon (D.O.C.)	6.2 mg/L	M-COT-1.0	August 24, 2017
Total Organic Carbon (T.O.C.)	6.2 mg/L	M-COT-1.0	August 24, 2017
Chlorophyll A	1.6 µg/L	Sous-traitance\H2Lab inc. (SAM)	August 31, 2017
Chloride	4.8 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Chrome (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Chromium (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Cobalt (Co)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Cobalt (Co)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Conductivity	230 µmhos/cm	M-TIT-1.0	August 23, 2017
Colour	5 Colour units	Sous-traitance\Multilab Direct	August 24, 2017
Copper (Cu)	0.0047 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Copper (Cu)	0.0037 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Cyanide W.A.D.	0.010 mg/L	Sous-traitance\Multilab Direct	September 01, 2017
Total Cyanide (CNT)	0.012 mg/L	Sous-traitance\Multilab Direct	September 01, 2017
Hardness	84 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	September 06, 2017
Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
dissolved Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 29, 2017

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Analytical Report

Lab number: V-67041

Sample name: NP2 South KIA

Sampling location: NP2 South KIA

Sampling date: August 22, 2017

Sampling hour: 09:30

Parameter	Result	Method name	Analysis date
Iron (Fe)	0.24 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Iron (Fe)	0.07 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Fluoride (F)	0.13 mg/L	Sous-traitance\Multilab Direct	September 01, 2017
Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Dissolved Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Total Suspended Solids	1 mg/L	M-SOLI-1.0	August 24, 2017
Magnesium (Mg)	7.17 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Magnesium (Mg)	7.22 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Manganese (Mn)	0.0264 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Manganese (Mn)	0.0156 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Dissolved Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Molybdenum (Mo)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Molybdenum (Mo)	0.0005 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Ammonia NH3 (non-ionized)	<0.05 mg N/L	Sous-traitance\H2Lab inc. (SAM)	August 25, 2017
Nickel (Ni)	0.0045 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Nickel (Ni)	0.0035 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Nitrate (NO3)	0.04 mg N/L	Sous-traitance\Multilab Direct	August 24, 2017
Nitrite (NO2)	<0.01 mg N/L	Sous-traitance\Multilab Direct	August 24, 2017
Ortho-Phosphate (O-PO4)	<0.01 mg P/L	Sous-traitance\Multilab Direct	August 24, 2017
Dissolved oxygen	8.9 mg/L	Sous-traitance\Multilab Direct	August 24, 2017
pH	7.65	M-TIT-1.0	August 22, 2017
Total Phosphorus (P) (Trace)	11 µg P/L	Sous-traitance\H2Lab inc. (SAM)	August 31, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Potassium (K)	2.45 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Reactive silica (SiO2)	0.37 mg/L	Sous-traitance\Maxxam	August 28, 2017
Sodium (Na)	9.92 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Solids	153 mg/L	M-TIT-1.0	August 23, 2017
Strontium (Sr)	0.079 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
dissolved Strontium (Sr)	0.080 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Sulfate (SO4)	46.8 mg SO4/L	Sous-traitance\Multilab Direct	August 31, 2017
Tellurium (Te)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Dissolved thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Thiocyanate (SCN)	<0.05 mg SCN/L	Sous-traitance\Multilab Direct	August 30, 2017
Thiosulfates (S2O3)	<0.02 mg S2O3/L	Sous-traitance\Multilab Direct	August 28, 2017
Titanium (Ti)	0.02 mg/L	Sous-traitance\Multilab Direct	September 06, 2017

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Analytical Report

Lab number: V-67041

Sample name: NP2 South KIA

Sampling location: NP2 South KIA

Sampling date: August 22, 2017

Sampling hour: 09:30

Parameter	Result	Method name	Analysis date
Dissolved titanium (Ti)	0.02 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Turbidity	1.44 NTU	Sous-traitance\Multilab Direct	August 24, 2017
Uranium (U)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Uranium (U)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Vanadium (V)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Vanadium	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Zinc (Zn)	0.004 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Zinc	<0.001 mg/L	Sous-traitance\Multilab Direct	August 29, 2017

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Detection limit

Lab number: V-67041

Sample name: NP2 South KIA

Sampling location: NP2 South KIA

Sampling date: August 22, 2017

Sampling hour: 09:30

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO ₃ /L	M-TIT-1.0	
Aluminium (Al)	0.006	mg/L	Sous-traitance	
Dissolved Aluminium (Al)	0.006	mg/L	Sous-traitance	
Antimony (Sb)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Antimony (Sb)	0.0001	mg/L	Sous-traitance	
Silver (Ag)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Silver (Ag)	0.0001	mg/L	Sous-traitance	
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Arsenic (As)	0.0005	mg/L	Sous-traitance	
Kjeldahl nitrogen	0.05	mg N/L	Sous-traitance	
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Barium (Ba)	0.0005	mg/L	Sous-traitance	
Beryllium (Be)	0.0005	mg/L	Sous-traitance	
Dissolved Beryllium (Be)	0.0005	mg/L	Sous-traitance	
bicarbonate (HCO ₃)	2	mg CaCO ₃ /L	M-TIT-1.0	
Boron (B)	0.01	mg/L	Sous-traitance	Yes
Dissolved Boron (B)	0.01	mg/L	Sous-traitance	
Bromides	0.01	mg/L	Sous-traitance	
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Dissolved Cadmium (Cd)	0.00002	mg/L	Sous-traitance	
Calcium (Ca)	0.03	mg/L	Sous-traitance	Yes
Carbonate (CO ₃)	2	mg CaCO ₃ /L	M-TIT-1.0	
Dissolved Organic Carbon (D.O.C.)	0.2	mg/L	M-COT-1.0	--
Total Organic Carbon (T.O.C.)	0.2	mg/L	M-COT-1.0	Yes
Chlorophyll A	0.13	µg/L	Sous-traitance	
Chloride	0.5	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Dissolved Chromium (Cr)	0.0006	mg/L	Sous-traitance	
Cobalt (Co)	0.0005	mg/L	Sous-traitance	
Dissolved Cobalt (Co)	0.0005	mg/L	Sous-traitance	
Conductivity	1	µmhos/cm	M-TIT-1.0	Yes
Colour	1	UCV	Sous-traitance	Yes
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Copper (Cu)	0.0005	mg/L	Sous-traitance	
Cyanide W.A.D.	0.001	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO ₃ /L	Sous-traitance	
Tin (Sn)	0.001	mg/L	Sous-traitance	Yes
dissolved Tin (Sn)	0.001	mg/L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes

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Detection limit

Lab number: V-67041

Sample name: NP2 South KIA

Sampling location: NP2 South KIA

Sampling date: August 22, 2017

Sampling hour: 09:30

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

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

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Detection limit

Lab number: V-67041

Sample name: NP2 South KIA

Sampling location: NP2 South KIA

Sampling date: August 22, 2017

Sampling hour: 09:30

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

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Quality control Report

Lab number: V-67041

Sample name: NP2 South KIA

Sampling location: NP2 South KIA

Sampling date: August 22, 2017

Sampling hour: 09:30

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 151 Accuracy 95.9% Limit 123 - 167 Sample duplicate 61-61
Aluminium (Al) mg/L	Blank <0.006 Standard name C00-046-705_X_1000 Result 0.997 Accuracy 99.7% Limit 0.800 - 1.200
Dissolved Aluminium (Al) mg/L	Blank <0.006 Standard name DMR-0219-2017-Eu Result 6.28 Accuracy 99.8% Limit 5.02 - 7.52
Antimony (Sb) mg/L	Blank <0.0001 Standard name C00-046-705_X_1000 Result 0.0116 Accuracy 84% Limit 0.0080 - 0.0120
Dissolved Antimony (Sb) mg/L	Blank <0.0001 Standard name DMR-0219-2017-Eu Result 0.2262 Accuracy 98.1% Limit 0.178 - 0.266
Silver (Ag) mg/L	Blank <0.0001 Standard name DMR-0343-2017-Ag Result 0.7045 Accuracy 87.8% Limit 0.642 - 0.962
Dissolved Silver (Ag) mg/L	Blank <0.0001 Standard name DMR-0343-2017-Ag Result 0.8046 Accuracy 99.7% Limit 0.642 - 0.962
Arsenic (As) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0880 Accuracy 88% Limit 0.0700 - 0.1300

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Quality control Report

Lab number: V-67041

Sample name: NP2 South KIA

Sampling date: August 22, 2017

Sampling location: NP2 South KIA

Sampling hour: 09:30

Parameter	
Dissolved Arsenic (As) mg/L	Blank <0.0005 Standard name DMR-0219-2017-Eu Result 0.3468 Accuracy 77.9% Limit 0.199 - 0.369
Barium (Ba) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0909 Accuracy 90.9% Limit 0.0800 - 0.1200
Dissolved Barium (Ba) mg/L	Blank <0.0005 Standard name DMR-0219-2017-Eu Result 2.881 Accuracy 81.4% Limit 1.94 - 2.92
Beryllium (Be) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1054 Accuracy 94.6% Limit 0.0800 - 0.1200
Dissolved Beryllium (Be) mg/L	Blank <0.0005 Standard name DMR-0219-2017-Eu Result 1.922 Accuracy 86.9% Limit 1.36 - 2.04
bicarbonate (HCO ₃) mg CaCO ₃ /L	Sample duplicate 61-61
Boron (B) mg/L	Blank <0.01 Standard name C00-046-705_X_1000 Result 1.07 Accuracy 93% Limit 0.800 - 1.200
Dissolved Boron (B) mg/L	Blank <0.01 Standard name DMR-0219-2017-Eu Result 3.17 Accuracy 89.9% Limit 2.30 - 3.46
Bromides mg/L	Blank <0.01 Standard name DMR-0119-2017-Br Result 5.52 Accuracy 98%

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Quality control Report

Lab number: V-67041

Sample name: NP2 South KIA

Sampling location: NP2 South KIA

Sampling date: August 22, 2017

Sampling hour: 09:30

Parameter	
Cadmium (Cd) mg/L	Limit 4.50 - 6.76
	Sample duplicate 0.03-0.03
	Blank <0.00002
	Standard name C00-046-705_X_1000
	Result 0.10785
Dissolved Cadmium (Cd) mg/L	Accuracy 92.2%
	Limit 0.0800 - 0.1200
	Blank <0.00002
	Standard name DMR-0219-2017-Eu
	Result 1.0050
Calcium (Ca) mg/L	Accuracy 88.5%
	Limit 0.721 - 1.081
	Blank <0.03
	Standard name C00-046-705_X_1000
	Result 0.95
Carbonate (CO ₃) mg CaCO ₃ /L	Accuracy 95%
	Limit 0.800 - 1.200
	Sample duplicate <2-<2
	Blank <0.2
	Standard name COD 10mg/L
Dissolved Organic Carbon (D.O.C.) mg/L	Result 10
	Accuracy 100%
	Limit 8 - 12
	Blank <0.2
	Standard name COT 10mg/L
Total Organic Carbon (T.O.C.) mg/L	Result 10
	Accuracy 100%
	Limit 8 - 12
	Blank <0.5
	Standard name DMR-0417-2017-Cl
Chloride mg/L	Result 113
	Accuracy 95.4%
	Limit 95 - 121
	Blank <0.0006
	Standard name C00-046-705_X_1000
Chrome (Cr) mg/L	Result 0.1001
	Accuracy 99.9%
	Limit 0.0800 - 0.1200
	Blank <0.0006
	Standard name DMR-0219-2017-Eu

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Quality control Report

Lab number: V-67041

Sample name: NP2 South KIA

Sampling location: NP2 South KIA

Sampling date: August 22, 2017

Sampling hour: 09:30

Parameter	
Cobalt (Co) mg/L	Result 4.185
	Accuracy 96.7%
	Limit 3.24 - 4.86
	Blank <0.0005
	Standard name C00-046-705_X_1000
Dissolved Cobalt (Co) mg/L	Result 0.1040
	Accuracy 96%
	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name DMR-0219-2017-Eu
Conductivity µmhos/cm	Result 1.618
	Accuracy 96.3%
	Limit 1.25 - 1.87
	Standard name STD cond maison
	Result 1404
Colour UCV	Accuracy 99.2%
	Limit 1203 - 1627
	Sample duplicate 230-229
	Blank <1
	Standard name DMR-0417-2017-Coul
Copper (Cu) mg/L	Result 90
	Accuracy 96.6%
	Limit 67 - 107
	Blank <0.0005
	Standard name C00-046-705_X_1000
Dissolved Copper (Cu) mg/L	Result 0.1079
	Accuracy 92.1%
	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name DMR-0219-2017-Eu
Cyanide W.A.D. mg/L	Result 1.485
	Accuracy 84%
	Limit 1.02 - 1.54
	Blank <0.001
	Standard name DMR-0343-CN
Total Cyanide (CNT) mg/L	Result 0.921
	Accuracy 95.7%
	Limit 0.751 - 1.015
	Blank <0.001
	Standard name DMR-0343-CN

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Quality control Report

Lab number: V-67041

Sample name: NP2 South KIA

Sampling location: NP2 South KIA

Sampling date: August 22, 2017

Sampling hour: 09:30

Parameter	
Tin (Sn) mg/L	Result 1.28
	Accuracy 91.5%
	Limit 1.003 - 1.357
	Blank <0.001
	Standard name C00-046-705_X_1000
dissolved Tin (Sn) mg/L	Result 0.099
	Accuracy 99%
	Limit 0.0800 - 0.1200
	Blank <0.001
	Standard name DMR-0310-2016-Sn
Iron (Fe) mg/L	Result 9.75
	Accuracy 92.5%
	Limit 6.35 - 11.79
	Blank <0.01
	Standard name C00-046-705_X_1000
Dissolved Iron (Fe) mg/L	Result 1.13
	Accuracy 87%
	Limit 0.800 - 1.200
	Blank <0.01
	Standard name DMR-0219-2017-Eu
Fluoride (F) mg/L	Result 13.5
	Accuracy 81.6%
	Limit 9.1 - 13.7
	Blank <0.02
	Standard name DMR-0417-2017-F
Lithium (Li) mg/L	Result 2.29
	Accuracy 99.6%
	Limit 2.13 - 2.47
	Blank <0.005
	Sample duplicate <0.005-<0.005
Dissolved Lithium (Li) mg/L	Blank <0.005
	Sample duplicate <0.005-<0.005
Total Suspended Solids mg/L	Blank <1
	Standard name STD-MES 25mg/L
	Result 23
Magnesium (Mg) mg/L	Accuracy 92%
	Limit 19 - 31
	Blank <0.02
	Standard name C00-046-705_X_1000
	Result 0.95

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Quality control Report

Lab number: V-67041

Sample name: NP2 South KIA

Sampling location: NP2 South KIA

Sampling date: August 22, 2017

Sampling hour: 09:30

Parameter	
Dissolved Magnesium (Mg) mg/L	Accuracy 95%
	Limit 0.800 - 1.200
	Blank <0.02
	Standard name DMR-0219-2017-Eu
	Result 8.09
Manganese (Mn) mg/L	Accuracy 97.7%
	Limit 6.33 - 9.49
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1052
Dissolved Manganese (Mn) mg/L	Accuracy 94.8%
	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 4.027
Mercury (Hg) mg/L	Accuracy 96.7%
	Limit 3.12 - 4.68
	Blank <0.00001
	Standard name DMR-0343-2017-HgEu
	Result 0.00047
Dissolved Mercury (Hg) mg/L	Accuracy 67.1%
	Limit 0.00042 - 0.00098
	Blank <0.00001
	Standard name DMR-0343-2017-HgEu
	Result 0.00045
Molybdenum (Mo) mg/L	Accuracy 64.3%
	Limit 0.00042 - 0.00098
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1041
Dissolved Molybdenum (Mo) mg/L	Accuracy 95.9%
	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 0.7358
Nickel (Ni) mg/L	Accuracy 96.1%
	Limit 0.566 - 0.850
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1081

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Quality control Report

Lab number: V-67041

Sample name: NP2 South KIA

Sampling location: NP2 South KIA

Sampling date: August 22, 2017

Sampling hour: 09:30

Parameter	
Dissolved Nickel (Ni) mg/L	Accuracy 91.9%
	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.216
Nitrate (NO ₃) mg N/L Nitrite (NO ₂) mg N/L	Accuracy 93.3%
	Limit 0.91 - 1.37
	Blank <0.01
	Blank <0.01
	Standard name DMR-0417-2017-NO ₂
Ortho-Phosphate (O-PO ₄) mg P/L	Result 2.73
	Accuracy 99.3%
	Limit 2.30 - 3.12
	Blank <0.01
	Standard name DMR-0417-2017-OPO ₄
pH	Result 2.82
	Accuracy 88.4%
	Limit 2.81 - 3.57
	Standard name STD pH 7.0
	Result 7.00
Lead (Pb) mg/L	Accuracy 100%
	Limit 6.96 - 7.04
	Sample duplicate 7.65-7.65
	Blank <0.0003
	Standard name C00-046-705_X_1000
Dissolved Lead (Pb) mg/L	Result 0.0839
	Accuracy 83.9%
	Limit 0.0800 - 0.1200
	Blank <0.0003
	Standard name DMR-0219-2017-Eu
Potassium (K) mg/L	Result 0.9576
	Accuracy 94%
	Limit 0.722 - 1.084
	Blank <0.05
	Standard name C00-046-705_X_1000
Selenium (Se) mg/L	Result 0.90
	Accuracy 90%
	Limit 0.800 - 1.200
	Blank <0.001
	Standard name C00-046-705_X_1000

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Quality control Report

Lab number: V-67041

Sample name: NP2 South KIA

Sampling location: NP2 South KIA

Sampling date: August 22, 2017

Sampling hour: 09:30

Parameter	
Dissolved Selenium (Se) mg/L	Result 0.111
	Accuracy 89%
	Limit 0.0800 - 0.1200
	Blank <0.001
	Standard name DMR-0219-2017-Eu
Sodium (Na) mg/L	Result 1.60
	Accuracy 81.5%
	Limit 1.08 - 1.62
	Blank <0.05
	Standard name C00-046-705_X_1000
Dissolved Solids mg/L	Result 0.94
	Accuracy 94%
	Limit 0.800 - 1.200
	Sample duplicate 153-153
	Blank <0.005
Strontium (Sr) mg/L	
dissolved Strontium (Sr) mg/L	Sample duplicate 0.079-0.078
	Blank <0.005
	Sample duplicate 0.080-0.081
	Blank <0.6
	Standard name DMR-0417-2017-SO4
Sulfate (SO4) mg SO4/L	
Tellurium (Te) mg/L	Result 116
	Accuracy 94.3%
	Limit 114 - 132
	Blank <0.0005
	Standard name C00-046-705_X_1000
Thallium (Tl) mg/L	Result 0.1079
	Accuracy 92.1%
	Limit 0.0800 - 0.1200
	Blank <0.0008
	Sample duplicate <0.0008-<0.0008
Dissolved thallium (Tl) mg/L	
Thiocyanate (SCN) mg SCN/L	Blank <0.0008
	Sample duplicate <0.0008-<0.0008
	Blank <0.05
	Standard name STD SCN 568ppm
	Result 593
Thiosulfates (S2O3) mg S2O3/L	Accuracy 95.6%
	Limit 398 - 738
	Blank <0.02
	Standard name S2O3-225ppm
	Result 232

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Quality control Report

Lab number: V-67041

Sample name: NP2 South KIA

Sampling location: NP2 South KIA

Sampling date: August 22, 2017

Sampling hour: 09:30

Parameter	
Titanium (Ti) mg/L	Accuracy 96.9%
	Limit 158 - 293
	Blank <0.01
	Blank <0.01
Dissolved titanium (Ti) mg/L	Blank <0.01
Turbidity UTN	Standard name DMR-0417-2017-Turb
	Result 5.87
Uranium (U) mg/L	Accuracy 86.9%
	Limit 4.41 - 5.97
	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.104
Dissolved Uranium (U) mg/L	Accuracy 96%
	Limit 0.0800 - 0.1200
	Blank <0.001
	Standard name DMR-0219-2017-Eu
	Result 1.89
Vanadium (V) mg/L	Accuracy 92.6%
	Limit 1.41 - 2.11
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1039
Dissolved Vanadium mg/L	Accuracy 96.1%
	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.987
Zinc (Zn) mg/L	Accuracy 99.8%
	Limit 1.59 - 2.39
	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.102
Dissolved Zinc mg/L	Accuracy 98%
	Limit 0.0800 - 0.1200
	Blank <0.001
	Standard name DMR-0219-2017-Eu
	Result 5.19
	Accuracy 86.2%
	Limit 3.65 - 5.47

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Additional information

Lab number: V-67041

Sample name: NP2 South KIA

Sampling location: NP2 South KIA

Sampling date: August 22, 2017

Sampling hour: 09:30

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

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

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

Lab number: V-67040

Sampling location: NP2 West KIA DUP

Sampling date: August 22, 2017

Sample name: NP2 West KIA DUP

Sampling hour: 09:20

Sampled by: Fanny L. Martin T.

Date received: August 23, 2017

Matrix: Water

Reported on: September 11, 2017

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

Results relate only to the sample tested.

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

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Analytical Report

Lab number: V-67040

Sample name: NP2 West KIA DUP

Sampling location: NP2 West KIA DUP

Sampling date: August 22, 2017

Sampling hour: 09:20

Parameter	Result	Method name	Analysis date
Alkalinity	60 mg CaCO ₃ /L	M-TIT-1.0	August 23, 2017
Aluminium (Al)	0.018 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Antimony (Sb)	<0.0001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Antimony (Sb)	<0.0001 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	<0.05 mg N/L	Sous-traitance\H2Lab inc. (SAM)	August 25, 2017
Kjeldahl nitrogen	<0.7 mg N/L	Sous-traitance\H2Lab inc. (SAM)	August 31, 2017
Barium (Ba)	0.0083 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Barium (Ba)	0.0061 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
bicarbonate (HCO ₃)	60 mg CaCO ₃ /L	M-TIT-1.0	August 23, 2017
Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Bromides	0.06 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Calcium (Ca)	21.1 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Carbonate (CO ₃)	<2 mg CaCO ₃ /L	M-TIT-1.0	August 23, 2017
Dissolved Organic Carbon (D.O.C.)	6.1 mg/L	M-COT-1.0	August 24, 2017
Total Organic Carbon (T.O.C.)	5.7 mg/L	M-COT-1.0	August 24, 2017
Chlorophyll A	2.8 µg/L	Sous-traitance\H2Lab inc. (SAM)	August 31, 2017
Chloride	4.5 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Chrome (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Chromium (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Cobalt (Co)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Cobalt (Co)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Conductivity	223 µmhos/cm	M-TIT-1.0	August 23, 2017
Colour	2 Colour units	Sous-traitance\Multilab Direct	August 24, 2017
Copper (Cu)	0.0019 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Copper (Cu)	0.0017 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Cyanide W.A.D.	0.010 mg/L	Sous-traitance\Multilab Direct	September 01, 2017
Total Cyanide (CNT)	0.011 mg/L	Sous-traitance\Multilab Direct	September 01, 2017
Hardness	80 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	September 06, 2017
Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
dissolved Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 29, 2017

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Analytical Report

Lab number: V-67040

Sample name: NP2 West KIA DUP

Sampling date: August 22, 2017

Sampling location: NP2 West KIA DUP

Sampling hour: 09:20

Parameter	Result	Method name	Analysis date
Iron (Fe)	0.05 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Iron (Fe)	0.01 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Fluoride (F)	0.12 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Dissolved Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Total Suspended Solids	1 mg/L	M-SOLI-1.0	August 24, 2017
Magnesium (Mg)	6.73 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Magnesium (Mg)	6.86 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Manganese (Mn)	0.0091 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Manganese (Mn)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Dissolved Mercury (Hg)	0.00004 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Molybdenum (Mo)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Molybdenum (Mo)	0.0005 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Ammonia NH3 (non-ionized)	<0.05 mg N/L	Sous-traitance\H2Lab inc. (SAM)	August 25, 2017
Nickel (Ni)	0.0008 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Nickel (Ni)	0.0012 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Nitrate (NO3)	0.01 mg N/L	Sous-traitance\Multilab Direct	August 24, 2017
Nitrite (NO2)	<0.01 mg N/L	Sous-traitance\Multilab Direct	August 24, 2017
Ortho-Phosphate (O-PO4)	<0.01 mg P/L	Sous-traitance\Multilab Direct	August 24, 2017
Dissolved oxygen	9.6 mg/L	Sous-traitance\Multilab Direct	August 24, 2017
pH	8.03	M-TIT-1.0	August 23, 2017
Total Phosphorus (P) (Trace)	7.3 µg P/L	Sous-traitance\H2Lab inc. (SAM)	August 31, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Potassium (K)	2.42 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Reactive silica (SiO2)	0.32 mg/L	Sous-traitance\Maxxam	August 28, 2017
Sodium (Na)	9.31 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Solids	149 mg/L	M-TIT-1.0	August 23, 2017
Strontium (Sr)	0.081 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
dissolved Strontium (Sr)	0.075 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Sulfate (SO4)	46.7 mg SO4/L	Sous-traitance\Multilab Direct	August 31, 2017
Tellurium (Te)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Dissolved thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Thiocyanate (SCN)	<0.05 mg SCN/L	Sous-traitance\Multilab Direct	August 30, 2017
Thiosulfates (S2O3)	<0.02 mg S2O3/L	Sous-traitance\Multilab Direct	August 28, 2017
Titanium (Ti)	0.02 mg/L	Sous-traitance\Multilab Direct	September 06, 2017

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Analytical Report

Lab number: V-67040

Sample name: NP2 West KIA DUP

Sampling location: NP2 West KIA DUP

Sampling date: August 22, 2017

Sampling hour: 09:20

Parameter	Result	Method name	Analysis date
Dissolved titanium (Ti)	0.01 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Turbidity	1.06 NTU	Sous-traitance\Multilab Direct	August 24, 2017
Uranium (U)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Uranium (U)	0.001 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Vanadium (V)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Vanadium	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Zinc (Zn)	0.002 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Zinc	<0.001 mg/L	Sous-traitance\Multilab Direct	August 29, 2017

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Detection limit

Lab number: V-67040

Sample name: NP2 West KIA DUP

Sampling date: August 22, 2017

Sampling location: NP2 West KIA DUP

Sampling hour: 09:20

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2 mg CaCO ₃ /L		M-TIT-1.0	
Aluminium (Al)	0.006 mg/L		Sous-traitance	
Dissolved Aluminium (Al)	0.006 mg/L		Sous-traitance	
Antimony (Sb)	0.0001 mg/L		Sous-traitance	Yes
Dissolved Antimony (Sb)	0.0001 mg/L		Sous-traitance	
Silver (Ag)	0.0001 mg/L		Sous-traitance	Yes
Dissolved Silver (Ag)	0.0001 mg/L		Sous-traitance	
Arsenic (As)	0.0005 mg/L		Sous-traitance	Yes
Dissolved Arsenic (As)	0.0005 mg/L		Sous-traitance	
Kjeldahl nitrogen	0.05 mg N/L		Sous-traitance	
Barium (Ba)	0.0005 mg/L		Sous-traitance	Yes
Dissolved Barium (Ba)	0.0005 mg/L		Sous-traitance	
Beryllium (Be)	0.0005 mg/L		Sous-traitance	
Dissolved Beryllium (Be)	0.0005 mg/L		Sous-traitance	
bicarbonate (HCO ₃)	2 mg CaCO ₃ /L		M-TIT-1.0	
Boron (B)	0.01 mg/L		Sous-traitance	Yes
Dissolved Boron (B)	0.01 mg/L		Sous-traitance	
Bromides	0.01 mg/L		Sous-traitance	
Cadmium (Cd)	0.00002 mg/L		Sous-traitance	Yes
Dissolved Cadmium (Cd)	0.00002 mg/L		Sous-traitance	
Calcium (Ca)	0.03 mg/L		Sous-traitance	Yes
Carbonate (CO ₃)	2 mg CaCO ₃ /L		M-TIT-1.0	
Dissolved Organic Carbon (D.O.C.)	0.2 mg/L		M-COT-1.0	--
Total Organic Carbon (T.O.C.)	0.2 mg/L		M-COT-1.0	Yes
Chlorophyll A	0.13 µg/L		Sous-traitance	
Chloride	0.5 mg/L		Sous-traitance	Yes
Chrome (Cr)	0.0006 mg/L		Sous-traitance	Yes
Dissolved Chromium (Cr)	0.0006 mg/L		Sous-traitance	
Cobalt (Co)	0.0005 mg/L		Sous-traitance	
Dissolved Cobalt (Co)	0.0005 mg/L		Sous-traitance	
Conductivity	1 µmhos/cm		M-TIT-1.0	Yes
Colour	1 UCV		Sous-traitance	Yes
Copper (Cu)	0.0005 mg/L		Sous-traitance	Yes
Dissolved Copper (Cu)	0.0005 mg/L		Sous-traitance	
Cyanide W.A.D.	0.001 mg/L		Sous-traitance	Yes
Total Cyanide (CNT)	0.001 mg/L		Sous-traitance	Yes
Hardness	1 mg CaCO ₃ /L		Sous-traitance	
Tin (Sn)	0.001 mg/L		Sous-traitance	Yes
dissolved Tin (Sn)	0.001 mg/L		Sous-traitance	
Iron (Fe)	0.01 mg/L		Sous-traitance	Yes

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Detection limit

Lab number: V-67040

Sample name: NP2 West KIA DUP

Sampling date: August 22, 2017

Sampling location: NP2 West KIA DUP

Sampling hour: 09:20

Parameter	Value	Unit	Method	Accreditation
Dissolved Iron (Fe)	0.01	mg/L	Sous-traitance	
Fluoride (F)	0.02	mg/L	Sous-traitance	Yes
Lithium (Li)	0.005	mg/L	Sous-traitance	
Dissolved Lithium (Li)	0.005	mg/L	Sous-traitance	
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Magnesium (Mg)	0.02	mg/L	Sous-traitance	Yes
Dissolved Magnesium (Mg)	0.02	mg/L	Sous-traitance	
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Manganese (Mn)	0.0005	mg/L	Sous-traitance	
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Dissolved Mercury (Hg)	0.00001	mg/L	Sous-traitance	
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Nickel (Ni)	0.0005	mg/L	Sous-traitance	
Nitrate (NO ₃)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO ₂)	0.01	mg N/L	Sous-traitance	Yes
Ortho-Phosphate (O-PO ₄)	0.01	mg P/L	Sous-traitance	Yes
Dissolved oxygen	0.1	mg/L	Sous-traitance	
pH			M-TIT-1.0	Yes
Total Phosphorus (P) (Trace)	1.9	µg P/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Dissolved Lead (Pb)	0.0003	mg/L	Sous-traitance	
Potassium (K)	0.05	mg/L	Sous-traitance	
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Dissolved Selenium (Se)	0.001	mg/L	Sous-traitance	
Reactive silica (SiO ₂)		mg/L	Sous-traitance	
Sodium (Na)	0.05	mg/L	Sous-traitance	Yes
Dissolved Solids	1	mg/L	M-TIT-1.0	
Strontium (Sr)	0.005	mg/L	Sous-traitance	
dissolved Strontium (Sr)	0.005	mg/L	Sous-traitance	
Sulfate (SO ₄)	0.6	mg SO ₄ /L	Sous-traitance	Yes
Tellurium (Te)	0.0005	mg/L	Sous-traitance	
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Dissolved thallium (Tl)	0.0008	mg/L	Sous-traitance	
Thiocyanate (SCN)	0.05	mg SCN/L	Sous-traitance	Yes
Thiosulfates (S ₂ O ₃)	0.02	mg S ₂ O ₃ /L	Sous-traitance	Yes
Titanium (Ti)	0.01	mg/L	Sous-traitance	
Dissolved titanium (Ti)	0.01	mg/L	Sous-traitance	
Turbidity	0.02	UTN	Sous-traitance	Yes

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Detection limit

Lab number: V-67040

Sample name: NP2 West KIA DUP

Sampling date: August 22, 2017

Sampling location: NP2 West KIA DUP

Sampling hour: 09:20

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

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Quality control Report

Lab number: V-67040

Sample name: NP2 West KIA DUP

Sampling location: NP2 West KIA DUP

Sampling date: August 22, 2017

Sampling hour: 09:20

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 151 Accuracy 95.9% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006 Standard name C00-046-705_X_1000 Result 0.997 Accuracy 99.7% Limit 0.800 - 1.200
Dissolved Aluminium (Al) mg/L	Blank <0.006 Standard name DMR-0219-2017-Eu Result 6.28 Accuracy 99.8% Limit 5.02 - 7.52
Antimony (Sb) mg/L	Blank <0.0001 Standard name C00-046-705_X_1000 Result 0.0116 Accuracy 84% Limit 0.0080 - 0.0120
Dissolved Antimony (Sb) mg/L	Blank <0.0001 Standard name DMR-0219-2017-Eu Result 0.2262 Accuracy 98.1% Limit 0.178 - 0.266
Silver (Ag) mg/L	Blank <0.0001 Standard name DMR-0343-2017-Ag Result 0.7045 Accuracy 87.8% Limit 0.642 - 0.962
Dissolved Silver (Ag) mg/L	Blank <0.0001 Standard name DMR-0343-2017-Ag Result 0.8046 Accuracy 99.7% Limit 0.642 - 0.962
Arsenic (As) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0880 Accuracy 88% Limit 0.0700 - 0.1300
Dissolved Arsenic (As) mg/L	Blank <0.0005

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Quality control Report

Lab number: V-67040

Sample name: NP2 West KIA DUP

Sampling location: NP2 West KIA DUP

Sampling date: August 22, 2017

Sampling hour: 09:20

Parameter	
	Standard name DMR-0219-2017-Eu
	Result 0.3468
	Accuracy 77.9%
	Limit 0.199 - 0.369
Barium (Ba) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0909
	Accuracy 90.9%
	Limit 0.0800 - 0.1200
Dissolved Barium (Ba) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 2.881
	Accuracy 81.4%
	Limit 1.94 - 2.92
Beryllium (Be) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1054
	Accuracy 94.6%
	Limit 0.0800 - 0.1200
Dissolved Beryllium (Be) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.922
	Accuracy 86.9%
	Limit 1.36 - 2.04
Boron (B) mg/L	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.07
	Accuracy 93%
	Limit 0.800 - 1.200
Dissolved Boron (B) mg/L	Blank <0.01
	Standard name DMR-0219-2017-Eu
	Result 3.17
	Accuracy 89.9%
	Limit 2.30 - 3.46
Bromides mg/L	Blank <0.01
	Standard name DMR-0119-2017-Br
	Result 5.52
	Accuracy 98%
	Limit 4.50 - 6.76
Cadmium (Cd) mg/L	Blank <0.00002

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Quality control Report

Lab number: V-67040

Sample name: NP2 West KIA DUP

Sampling location: NP2 West KIA DUP

Sampling date: August 22, 2017

Sampling hour: 09:20

Parameter	
	Standard name C00-046-705_X_1000
	Result 0.10785
	Accuracy 92.2%
	Limit 0.0800 - 0.1200
Dissolved Cadmium (Cd) mg/L	Blank <0.00002
	Standard name DMR-0219-2017-Eu
	Result 1.0050
	Accuracy 88.5%
	Limit 0.721 - 1.081
Calcium (Ca) mg/L	Blank <0.03
	Standard name C00-046-705_X_1000
	Result 0.95
	Accuracy 95%
	Limit 0.800 - 1.200
Dissolved Organic Carbon (D.O.C.) mg/L	Blank <0.2
	Standard name COD 10mg/L
	Result 10
	Accuracy 100%
	Limit 8 - 12
Total Organic Carbon (T.O.C.) mg/L	Blank <0.2
	Standard name COT 10mg/L
	Result 10
	Accuracy 100%
	Limit 8 - 12
Chloride mg/L	Blank <0.5
	Standard name DMR-0417-2017-Cl
	Result 113
	Accuracy 95.4%
	Limit 95 - 121
	Sample duplicate 4.5-4.6
Chrome (Cr) mg/L	Blank <0.0006
	Standard name C00-046-705_X_1000
	Result 0.1001
	Accuracy 99.9%
	Limit 0.0800 - 0.1200
Dissolved Chromium (Cr) mg/L	Blank <0.0006
	Standard name DMR-0219-2017-Eu
	Result 4.185
	Accuracy 96.7%
	Limit 3.24 - 4.86

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Quality control Report

Lab number: V-67040

Sample name: NP2 West KIA DUP

Sampling location: NP2 West KIA DUP

Sampling date: August 22, 2017

Sampling hour: 09:20

Parameter	
Cobalt (Co) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1040
	Accuracy 96%
	Limit 0.0800 - 0.1200
Dissolved Cobalt (Co) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.618
	Accuracy 96.3%
Conductivity µmhos/cm	Limit 1.25 - 1.87
	Standard name STD cond maison
	Result 1404
	Accuracy 99.2%
Colour UCV	Limit 1203 - 1627
	Blank <1
	Standard name DMR-0417-2017-Coul
	Result 90
Copper (Cu) mg/L	Accuracy 96.6%
	Limit 67 - 107
	Blank <0.0005
	Standard name C00-046-705_X_1000
Dissolved Copper (Cu) mg/L	Result 0.1079
	Accuracy 92.1%
	Limit 0.0800 - 0.1200
	Blank <0.0005
Cyanide W.A.D. mg/L	Standard name DMR-0219-2017-Eu
	Result 1.485
	Accuracy 84%
	Limit 1.02 - 1.54
Total Cyanide (CNt) mg/L	Blank <0.001
	Standard name DMR-0343-CN
	Result 0.921
	Accuracy 95.7%
Tin (Sn) mg/L	Limit 0.751 - 1.015
	Blank <0.001
	Standard name DMR-0343-CN
	Result 1.28
	Accuracy 91.5%
	Limit 1.003 - 1.357
	Blank <0.001

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Quality control Report

Lab number: V-67040

Sample name: NP2 West KIA DUP

Sampling location: NP2 West KIA DUP

Sampling date: August 22, 2017

Sampling hour: 09:20

Parameter	
	Standard name DMR-0310-2016-Sn
	Result 7.36
	Accuracy 81.1%
	Limit 7.26 - 10.88
dissolved Tin (Sn) mg/L	Blank <0.001
	Standard name DMR-0310-2016-Sn
	Result 9.75
	Accuracy 92.5%
	Limit 6.35 - 11.79
Iron (Fe) mg/L	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.13
	Accuracy 87%
	Limit 0.800 - 1.200
Dissolved Iron (Fe) mg/L	Blank <0.01
	Standard name DMR-0219-2017-Eu
	Result 13.5
	Accuracy 81.6%
	Limit 9.1 - 13.7
Fluoride (F) mg/L	Blank <0.02
	Standard name DMR-0417-2017-F
	Result 2.22
	Accuracy 96.5%
	Limit 2.13 - 2.47
Lithium (Li) mg/L	Blank <0.005
Dissolved Lithium (Li) mg/L	Blank <0.005
Total Suspended Solids mg/L	Blank <1
	Standard name STD-MES 25mg/L
	Result 23
	Accuracy 92%
	Limit 19 - 31
Magnesium (Mg) mg/L	Blank <0.02
	Standard name C00-046-705_X_1000
	Result 0.95
	Accuracy 95%
	Limit 0.800 - 1.200
Dissolved Magnesium (Mg) mg/L	Blank <0.02
	Standard name DMR-0219-2017-Eu
	Result 8.09
	Accuracy 97.7%

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Quality control Report

Lab number: V-67040

Sample name: NP2 West KIA DUP

Sampling location: NP2 West KIA DUP

Sampling date: August 22, 2017

Sampling hour: 09:20

Parameter	
Manganese (Mn) mg/L	Limit 6.33 - 9.49
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1052
	Accuracy 94.8%
Dissolved Manganese (Mn) mg/L	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 4.027
	Accuracy 96.7%
Mercury (Hg) mg/L	Limit 3.12 - 4.68
	Blank <0.00001
	Standard name DMR-0343-2017-HgEu
	Result 0.00047
	Accuracy 67.1%
Dissolved Mercury (Hg) mg/L	Limit 0.00042 - 0.00098
	Sample duplicate <0.00001-0.00001
	Blank <0.00001
	Standard name DMR-0343-2017-HgEu
	Result 0.00045
Molybdenum (Mo) mg/L	Accuracy 64.3%
	Limit 0.00042 - 0.00098
	Sample duplicate 0.00004-0.00003
	Blank <0.0005
	Standard name C00-046-705_X_1000
Dissolved Molybdenum (Mo) mg/L	Result 0.1041
	Accuracy 95.9%
	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name DMR-0219-2017-Eu
Nickel (Ni) mg/L	Result 0.7358
	Accuracy 96.1%
	Limit 0.566 - 0.850
	Blank <0.0005
	Standard name C00-046-705_X_1000
Dissolved Nickel (Ni) mg/L	Result 0.1081
	Accuracy 91.9%
	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name DMR-0219-2017-Eu

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Quality control Report

Lab number: V-67040

Sample name: NP2 West KIA DUP

Sampling location: NP2 West KIA DUP

Sampling date: August 22, 2017

Sampling hour: 09:20

Parameter	
	Result 1.216
	Accuracy 93.3%
	Limit 0.91 - 1.37
Nitrate (NO3) mg N/L	Blank <0.01
Nitrite (NO2) mg N/L	Blank <0.01
	Standard name DMR-0417-2017-NO2
	Result 2.73
	Accuracy 99.3%
	Limit 2.30 - 3.12
Ortho-Phosphate (O-PO4) mg P/L	Blank <0.01
	Standard name DMR-0417-2017-OPO4
	Result 2.82
	Accuracy 88.4%
	Limit 2.81 - 3.57
pH	Standard name STD pH 7.0
	Result 7.00
	Accuracy 100%
	Limit 6.96 - 7.04
Lead (Pb) mg/L	Blank <0.0003
	Standard name C00-046-705_X_1000
	Result 0.0839
	Accuracy 83.9%
	Limit 0.0800 - 0.1200
Dissolved Lead (Pb) mg/L	Blank <0.0003
	Standard name DMR-0219-2017-Eu
	Result 0.9576
	Accuracy 94%
	Limit 0.722 - 1.084
Potassium (K) mg/L	Blank <0.05
	Standard name C00-046-705_X_1000
	Result 0.90
	Accuracy 90%
	Limit 0.800 - 1.200
Selenium (Se) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.111
	Accuracy 89%
	Limit 0.0800 - 0.1200
Dissolved Selenium (Se) mg/L	Blank <0.001
	Standard name DMR-0219-2017-Eu

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Quality control Report

Lab number: V-67040

Sample name: NP2 West KIA DUP

Sampling date: August 22, 2017

Sampling location: NP2 West KIA DUP

Sampling hour: 09:20

Parameter	
Sodium (Na) mg/L	Result 1.60
	Accuracy 81.5%
	Limit 1.08 - 1.62
	Blank <0.05
	Standard name C00-046-705_X_1000
Strontium (Sr) mg/L dissolved Strontium (Sr) mg/L	Result 0.94
	Accuracy 94%
	Limit 0.800 - 1.200
	Blank <0.005
	Blank <0.005
Sulfate (SO4) mg SO4/L	Blank <0.6
	Standard name DMR-0417-2017-SO4
	Result 116
	Accuracy 94.3%
	Limit 114 - 132
Tellurium (Te) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1079
	Accuracy 92.1%
	Limit 0.0800 - 0.1200
Thallium (Tl) mg/L	Blank <0.0008
Dissolved thallium (Tl) mg/L	Blank <0.0008
Thiocyanate (SCN) mg SCN/L	Blank <0.05
	Standard name STD SCN 568ppm
	Result 593
	Accuracy 95.6%
	Limit 398 - 738
Thiosulfates (S2O3) mg S2O3/L	Blank <0.02
	Standard name S2O3-225ppm
	Result 232
	Accuracy 96.9%
	Limit 158 - 293
Titanium (Ti) mg/L	Blank <0.01
Dissolved titanium (Ti) mg/L	Blank <0.01
Turbidity UTN	Standard name DMR-0417-2017-Turb
	Result 5.87
	Accuracy 86.9%
	Limit 4.41 - 5.97
	Blank <0.001
Uranium (U) mg/L	Standard name C00-046-705_X_1000

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

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Quality control Report

Lab number: V-67040

Sample name: NP2 West KIA DUP

Sampling location: NP2 West KIA DUP

Sampling date: August 22, 2017

Sampling hour: 09:20

Parameter

Dissolved Uranium (U) mg/L
Result 0.104
Accuracy 96%
Limit 0.0800 - 0.1200
Blank <0.001
Standard name DMR-0219-2017-Eu

Vanadium (V) mg/L
Result 1.89
Accuracy 92.6%
Limit 1.41 - 2.11
Blank <0.0005
Standard name C00-046-705_X_1000

Dissolved Vanadium mg/L
Result 0.1039
Accuracy 96.1%
Limit 0.0800 - 0.1200
Blank <0.0005
Standard name DMR-0219-2017-Eu

Zinc (Zn) mg/L
Result 1.987
Accuracy 99.8%
Limit 1.59 - 2.39
Blank <0.001
Standard name C00-046-705_X_1000

Dissolved Zinc mg/L
Result 0.102
Accuracy 98%
Limit 0.0800 - 0.1200
Blank <0.001
Standard name DMR-0219-2017-Eu

Result 5.19
Accuracy 86.2%
Limit 3.65 - 5.47

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Additional information

Lab number: V-67040

Sample name: NP2 West KIA DUP

Sampling location: NP2 West KIA DUP

Sampling date: August 22, 2017

Sampling hour: 09:20

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

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

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

Lab number: V-67039

Sampling location: NP2 West KIA

Sampling date: August 22, 2017

Sample name: NP2 West KIA

Sampling hour: 09:20

Sampled by: Fanny L. Martin T

Date received: August 23, 2017

Matrix: Water

Drinking water distribution:

Reported on: September 11, 2017

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

Results relate only to the sample tested.

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

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

Lab number: V-67039

Sample name: NP2 West KIA

Sampling location: NP2 West KIA

Sampling date: August 22, 2017

Sampling hour: 09:20

Parameter	Result	Method name	Analysis date
Alkalinity	60 mg CaCO ₃ /L	M-TIT-1.0	August 23, 2017
Aluminium (Al)	0.008 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Antimony (Sb)	<0.0001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Antimony (Sb)	<0.0001 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	<0.05 mg N/L	Sous-traitance\H2Lab inc. (SAM)	August 25, 2017
Kjeldahl nitrogen	<0.7 mg N/L	Sous-traitance\H2Lab inc. (SAM)	August 31, 2017
Barium (Ba)	0.0077 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Barium (Ba)	0.0062 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
bicarbonate (HCO ₃)	60 mg CaCO ₃ /L	M-TIT-1.0	August 23, 2017
Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Bromides	0.04 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Calcium (Ca)	20.5 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Carbonate (CO ₃)	<2 mg CaCO ₃ /L	M-TIT-1.0	August 23, 2017
Dissolved Organic Carbon (D.O.C.)	6.0 mg/L	M-COT-1.0	August 24, 2017
Total Organic Carbon (T.O.C.)	6.0 mg/L	M-COT-1.0	August 24, 2017
Chlorophyll A	2.7 µg/L	Sous-traitance\H2Lab inc. (SAM)	August 31, 2017
Chloride	4.5 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Chrome (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Chromium (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Cobalt (Co)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Cobalt (Co)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Conductivity	222 µmhos/cm	M-TIT-1.0	August 23, 2017
Colour	1 Colour units	Sous-traitance\Multilab Direct	August 24, 2017
Copper (Cu)	0.0027 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Copper (Cu)	0.0028 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Cyanide W.A.D.	0.009 mg/L	Sous-traitance\Multilab Direct	September 01, 2017
Total Cyanide (CNT)	0.012 mg/L	Sous-traitance\Multilab Direct	September 01, 2017
Hardness	79 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	September 06, 2017
Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
dissolved Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 29, 2017

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Analytical Report

Lab number: V-67039

Sample name: NP2 West KIA

Sampling location: NP2 West KIA

Sampling date: August 22, 2017

Sampling hour: 09:20

Parameter	Result	Method name	Analysis date
Iron (Fe)	0.05 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Iron (Fe)	0.01 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Fluoride (F)	0.12 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Dissolved Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Total Suspended Solids	<1 mg/L	M-SOLI-1.0	August 24, 2017
Magnesium (Mg)	6.80 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Magnesium (Mg)	6.94 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Manganese (Mn)	0.0076 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Manganese (Mn)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Dissolved Mercury (Hg)	0.00005 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Molybdenum (Mo)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Molybdenum (Mo)	0.0006 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Ammonia NH3 (non-ionized)	<0.05 mg N/L	Sous-traitance\H2Lab inc. (SAM)	August 25, 2017
Nickel (Ni)	0.0012 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Nickel (Ni)	0.0015 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Nitrate (NO3)	0.01 mg N/L	Sous-traitance\Multilab Direct	August 24, 2017
Nitrite (NO2)	<0.01 mg N/L	Sous-traitance\Multilab Direct	August 24, 2017
Ortho-Phosphate (O-PO4)	<0.01 mg P/L	Sous-traitance\Multilab Direct	August 24, 2017
Dissolved oxygen	10.0 mg/L	Sous-traitance\Multilab Direct	August 24, 2017
pH	8.03	M-TIT-1.0	August 22, 2017
Total Phosphorus (P) (Trace)	6.1 µg P/L	Sous-traitance\H2Lab inc. (SAM)	August 31, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Potassium (K)	2.50 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Reactive silica (SiO2)	0.35 mg/L	Sous-traitance\Maxxam	August 28, 2017
Sodium (Na)	9.35 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Solids	148 mg/L	M-TIT-1.0	August 23, 2017
Strontium (Sr)	0.082 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
dissolved Strontium (Sr)	0.075 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Sulfate (SO4)	44.1 mg SO4/L	Sous-traitance\Multilab Direct	August 31, 2017
Tellurium (Te)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Dissolved thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Thiocyanate (SCN)	<0.05 mg SCN/L	Sous-traitance\Multilab Direct	August 30, 2017
Thiosulfates (S2O3)	<0.02 mg S2O3/L	Sous-traitance\Multilab Direct	August 28, 2017
Titanium (Ti)	0.02 mg/L	Sous-traitance\Multilab Direct	September 06, 2017

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Analytical Report

Lab number: V-67039

Sample name: NP2 West KIA

Sampling location: NP2 West KIA

Sampling date: August 22, 2017

Sampling hour: 09:20

Parameter	Result	Method name	Analysis date
Dissolved titanium (Ti)	0.02 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Turbidity	1.08 NTU	Sous-traitance\Multilab Direct	August 24, 2017
Uranium (U)	0.001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Uranium (U)	0.001 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Vanadium (V)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Vanadium	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 29, 2017
Zinc (Zn)	0.001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Zinc	<0.001 mg/L	Sous-traitance\Multilab Direct	August 29, 2017

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Detection limit

Lab number: V-67039

Sample name: NP2 West KIA

Sampling location: NP2 West KIA

Sampling date: August 22, 2017

Sampling hour: 09:20

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2 mg CaCO ₃ /L		M-TIT-1.0	
Aluminium (Al)	0.006 mg/L		Sous-traitance	
Dissolved Aluminium (Al)	0.006 mg/L		Sous-traitance	
Antimony (Sb)	0.0001 mg/L		Sous-traitance	Yes
Dissolved Antimony (Sb)	0.0001 mg/L		Sous-traitance	
Silver (Ag)	0.0001 mg/L		Sous-traitance	Yes
Dissolved Silver (Ag)	0.0001 mg/L		Sous-traitance	
Arsenic (As)	0.0005 mg/L		Sous-traitance	Yes
Dissolved Arsenic (As)	0.0005 mg/L		Sous-traitance	
Kjeldahl nitrogen	0.05 mg N/L		Sous-traitance	
Barium (Ba)	0.0005 mg/L		Sous-traitance	Yes
Dissolved Barium (Ba)	0.0005 mg/L		Sous-traitance	
Beryllium (Be)	0.0005 mg/L		Sous-traitance	
Dissolved Beryllium (Be)	0.0005 mg/L		Sous-traitance	
bicarbonate (HCO ₃)	2 mg CaCO ₃ /L		M-TIT-1.0	
Boron (B)	0.01 mg/L		Sous-traitance	Yes
Dissolved Boron (B)	0.01 mg/L		Sous-traitance	
Bromides	0.01 mg/L		Sous-traitance	
Cadmium (Cd)	0.00002 mg/L		Sous-traitance	Yes
Dissolved Cadmium (Cd)	0.00002 mg/L		Sous-traitance	
Calcium (Ca)	0.03 mg/L		Sous-traitance	Yes
Carbonate (CO ₃)	2 mg CaCO ₃ /L		M-TIT-1.0	
Dissolved Organic Carbon (D.O.C.)	0.2 mg/L		M-COT-1.0	--
Total Organic Carbon (T.O.C.)	0.2 mg/L		M-COT-1.0	Yes
Chlorophyll A	0.13 µg/L		Sous-traitance	
Chloride	0.5 mg/L		Sous-traitance	Yes
Chrome (Cr)	0.0006 mg/L		Sous-traitance	Yes
Dissolved Chromium (Cr)	0.0006 mg/L		Sous-traitance	
Cobalt (Co)	0.0005 mg/L		Sous-traitance	
Dissolved Cobalt (Co)	0.0005 mg/L		Sous-traitance	
Conductivity	1 µmhos/cm		M-TIT-1.0	Yes
Colour	1 UCV		Sous-traitance	Yes
Copper (Cu)	0.0005 mg/L		Sous-traitance	Yes
Dissolved Copper (Cu)	0.0005 mg/L		Sous-traitance	
Cyanide W.A.D.	0.001 mg/L		Sous-traitance	Yes
Total Cyanide (CNT)	0.001 mg/L		Sous-traitance	Yes
Hardness	1 mg CaCO ₃ /L		Sous-traitance	
Tin (Sn)	0.001 mg/L		Sous-traitance	Yes
dissolved Tin (Sn)	0.001 mg/L		Sous-traitance	
Iron (Fe)	0.01 mg/L		Sous-traitance	Yes

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Detection limit

Lab number: V-67039

Sample name: NP2 West KIA

Sampling location: NP2 West KIA

Sampling date: August 22, 2017

Sampling hour: 09:20

Parameter	Value	Unit	Method	Accreditation
Dissolved Iron (Fe)	0.01	mg/L	Sous-traitance	
Fluoride (F)	0.02	mg/L	Sous-traitance	Yes
Lithium (Li)	0.005	mg/L	Sous-traitance	
Dissolved Lithium (Li)	0.005	mg/L	Sous-traitance	
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Magnesium (Mg)	0.02	mg/L	Sous-traitance	Yes
Dissolved Magnesium (Mg)	0.02	mg/L	Sous-traitance	
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Manganese (Mn)	0.0005	mg/L	Sous-traitance	
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Dissolved Mercury (Hg)	0.00001	mg/L	Sous-traitance	
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Nickel (Ni)	0.0005	mg/L	Sous-traitance	
Nitrate (NO ₃)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO ₂)	0.01	mg N/L	Sous-traitance	Yes
Ortho-Phosphate (O-PO ₄)	0.01	mg P/L	Sous-traitance	Yes
Dissolved oxygen	0.1	mg/L	Sous-traitance	
pH			M-TIT-1.0	Yes
Total Phosphorus (P) (Trace)	1.9	µg P/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Dissolved Lead (Pb)	0.0003	mg/L	Sous-traitance	
Potassium (K)	0.05	mg/L	Sous-traitance	
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Dissolved Selenium (Se)	0.001	mg/L	Sous-traitance	
Reactive silica (SiO ₂)		mg/L	Sous-traitance	
Sodium (Na)	0.05	mg/L	Sous-traitance	Yes
Dissolved Solids	1	mg/L	M-TIT-1.0	
Strontium (Sr)	0.005	mg/L	Sous-traitance	
dissolved Strontium (Sr)	0.005	mg/L	Sous-traitance	
Sulfate (SO ₄)	0.6	mg SO ₄ /L	Sous-traitance	Yes
Tellurium (Te)	0.0005	mg/L	Sous-traitance	
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Dissolved thallium (Tl)	0.0008	mg/L	Sous-traitance	
Thiocyanate (SCN)	0.05	mg SCN/L	Sous-traitance	Yes
Thiosulfates (S ₂ O ₃)	0.02	mg S ₂ O ₃ /L	Sous-traitance	Yes
Titanium (Ti)	0.01	mg/L	Sous-traitance	
Dissolved titanium (Ti)	0.01	mg/L	Sous-traitance	
Turbidity	0.02	UTN	Sous-traitance	Yes

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Detection limit

Lab number: V-67039

Sample name: NP2 West KIA

Sampling location: NP2 West KIA

Sampling date: August 22, 2017

Sampling hour: 09:20

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

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Quality control Report

Lab number: V-67039

Sample name: NP2 West KIA

Sampling location: NP2 West KIA

Sampling date: August 22, 2017

Sampling hour: 09:20

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 151 Accuracy 95.9% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006 Standard name C00-046-705_X_1000 Result 0.997 Accuracy 99.7% Limit 0.800 - 1.200
Dissolved Aluminium (Al) mg/L	Blank <0.006 Standard name DMR-0219-2017-Eu Result 6.28 Accuracy 99.8% Limit 5.02 - 7.52
Antimony (Sb) mg/L	Blank <0.0001 Standard name C00-046-705_X_1000 Result 0.0116 Accuracy 84% Limit 0.0080 - 0.0120
Dissolved Antimony (Sb) mg/L	Blank <0.0001 Standard name DMR-0219-2017-Eu Result 0.2262 Accuracy 98.1% Limit 0.178 - 0.266
Silver (Ag) mg/L	Blank <0.0001 Standard name DMR-0343-2017-Ag Result 0.7045 Accuracy 87.8% Limit 0.642 - 0.962
Dissolved Silver (Ag) mg/L	Blank <0.0001 Standard name DMR-0343-2017-Ag Result 0.8046 Accuracy 99.7% Limit 0.642 - 0.962
Arsenic (As) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0880 Accuracy 88% Limit 0.0700 - 0.1300
Dissolved Arsenic (As) mg/L	Blank <0.0005

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Quality control Report

Lab number: V-67039

Sample name: NP2 West KIA

Sampling location: NP2 West KIA

Sampling date: August 22, 2017

Sampling hour: 09:20

Parameter	
	Standard name DMR-0219-2017-Eu
	Result 0.3468
	Accuracy 77.9%
	Limit 0.199 - 0.369
Barium (Ba) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0909
	Accuracy 90.9%
	Limit 0.0800 - 0.1200
Dissolved Barium (Ba) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 2.881
	Accuracy 81.4%
	Limit 1.94 - 2.92
Beryllium (Be) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1054
	Accuracy 94.6%
	Limit 0.0800 - 0.1200
Dissolved Beryllium (Be) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.922
	Accuracy 86.9%
	Limit 1.36 - 2.04
Boron (B) mg/L	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.07
	Accuracy 93%
	Limit 0.800 - 1.200
Dissolved Boron (B) mg/L	Blank <0.01
	Standard name DMR-0219-2017-Eu
	Result 3.17
	Accuracy 89.9%
	Limit 2.30 - 3.46
Bromides mg/L	Blank <0.01
	Standard name DMR-0119-2017-Br
	Result 5.52
	Accuracy 98%
	Limit 4.50 - 6.76
Cadmium (Cd) mg/L	Blank <0.00002

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Quality control Report

Lab number: V-67039

Sample name: NP2 West KIA

Sampling location: NP2 West KIA

Sampling date: August 22, 2017

Sampling hour: 09:20

Parameter	
	Standard name C00-046-705_X_1000
	Result 0.10785
	Accuracy 92.2%
	Limit 0.0800 - 0.1200
Dissolved Cadmium (Cd) mg/L	Blank <0.00002
	Standard name DMR-0219-2017-Eu
	Result 1.0050
	Accuracy 88.5%
	Limit 0.721 - 1.081
Calcium (Ca) mg/L	Blank <0.03
	Standard name C00-046-705_X_1000
	Result 0.95
	Accuracy 95%
	Limit 0.800 - 1.200
Dissolved Organic Carbon (D.O.C.) mg/L	Blank <0.2
	Standard name COD 10mg/L
	Result 10
	Accuracy 100%
	Limit 8 - 12
	Sample duplicate 6.0-5.8
Total Organic Carbon (T.O.C.) mg/L	Blank <0.2
	Standard name COT 10mg/L
	Result 10
	Accuracy 100%
	Limit 8 - 12
	Sample duplicate 6.0-5.8
Chloride mg/L	Blank <0.5
	Standard name DMR-0417-2017-Cl
	Result 113
	Accuracy 95.4%
	Limit 95 - 121
Chrome (Cr) mg/L	Blank <0.0006
	Standard name C00-046-705_X_1000
	Result 0.1001
	Accuracy 99.9%
	Limit 0.0800 - 0.1200
Dissolved Chromium (Cr) mg/L	Blank <0.0006
	Standard name DMR-0219-2017-Eu
	Result 4.185
	Accuracy 96.7%

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Quality control Report

Lab number: V-67039

Sample name: NP2 West KIA

Sampling location: NP2 West KIA

Sampling date: August 22, 2017

Sampling hour: 09:20

Parameter	
Cobalt (Co) mg/L	Limit 3.24 - 4.86
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1040
	Accuracy 96%
Dissolved Cobalt (Co) mg/L	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.618
	Accuracy 96.3%
Conductivity µmhos/cm	Limit 1.25 - 1.87
	Standard name STD cond maison
	Result 1404
	Accuracy 99.2%
	Limit 1203 - 1627
Colour UCV	Blank <1
	Standard name DMR-0417-2017-Coul
	Result 90
	Accuracy 96.6%
	Limit 67 - 107
Copper (Cu) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1079
	Accuracy 92.1%
	Limit 0.0800 - 0.1200
Dissolved Copper (Cu) mg/L	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.485
	Accuracy 84%
	Limit 1.02 - 1.54
Cyanide W.A.D. mg/L	Blank <0.001
	Standard name DMR-0343-CN
	Result 0.921
	Accuracy 95.7%
	Limit 0.751 - 1.015
Total Cyanide (CNT) mg/L	Blank <0.001
	Standard name DMR-0343-CN
	Result 1.28
	Accuracy 91.5%
	Limit 1.003 - 1.357

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Quality control Report

Lab number: V-67039

Sample name: NP2 West KIA

Sampling location: NP2 West KIA

Sampling date: August 22, 2017

Sampling hour: 09:20

Parameter	
Tin (Sn) mg/L	Blank <0.001 Standard name DMR-0310-2016-Sn Result 7.36 Accuracy 81.1% Limit 7.26 - 10.88
dissolved Tin (Sn) mg/L	Blank <0.001 Standard name DMR-0310-2016-Sn Result 9.75 Accuracy 92.5% Limit 6.35 - 11.79
Iron (Fe) mg/L	Blank <0.01 Standard name C00-046-705_X_1000 Result 1.13 Accuracy 87% Limit 0.800 - 1.200
Dissolved Iron (Fe) mg/L	Blank <0.01 Standard name DMR-0219-2017-Eu Result 13.5 Accuracy 81.6% Limit 9.1 - 13.7
Fluoride (F) mg/L	Blank <0.02 Standard name DMR-0417-2017-F Result 2.22 Accuracy 96.5% Limit 2.13 - 2.47
Lithium (Li) mg/L	Blank <0.005
Dissolved Lithium (Li) mg/L	Blank <0.005
Total Suspended Solids mg/L	Blank <1 Standard name STD-MES 25mg/L Result 23 Accuracy 92% Limit 19 - 31 Sample duplicate <1-<1
Magnesium (Mg) mg/L	Blank <0.02 Standard name C00-046-705_X_1000 Result 0.95 Accuracy 95% Limit 0.800 - 1.200
Dissolved Magnesium (Mg) mg/L	Blank <0.02 Standard name DMR-0219-2017-Eu

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Quality control Report

Lab number: V-67039

Sample name: NP2 West KIA

Sampling location: NP2 West KIA

Sampling date: August 22, 2017

Sampling hour: 09:20

Parameter	
Manganese (Mn) mg/L	Result 8.09
	Accuracy 97.7%
	Limit 6.33 - 9.49
	Blank <0.0005
	Standard name C00-046-705_X_1000
Dissolved Manganese (Mn) mg/L	Result 0.1052
	Accuracy 94.8%
	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name DMR-0219-2017-Eu
Mercury (Hg) mg/L	Result 4.027
	Accuracy 96.7%
	Limit 3.12 - 4.68
	Blank <0.00001
	Standard name DMR-0343-2017-HgEu
Dissolved Mercury (Hg) mg/L	Result 0.00047
	Accuracy 67.1%
	Limit 0.00042 - 0.00098
	Blank <0.00001
	Standard name DMR-0343-2017-HgEu
Molybdenum (Mo) mg/L	Result 0.00045
	Accuracy 64.3%
	Limit 0.00042 - 0.00098
	Blank <0.0005
	Standard name C00-046-705_X_1000
Dissolved Molybdenum (Mo) mg/L	Result 0.1041
	Accuracy 95.9%
	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name DMR-0219-2017-Eu
Nickel (Ni) mg/L	Result 0.7358
	Accuracy 96.1%
	Limit 0.566 - 0.850
	Blank <0.0005
	Standard name C00-046-705_X_1000
Dissolved Nickel (Ni) mg/L	Result 0.1081
	Accuracy 91.9%
	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name DMR-0219-2017-Eu

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Quality control Report

Lab number: V-67039

Sample name: NP2 West KIA

Sampling location: NP2 West KIA

Sampling date: August 22, 2017

Sampling hour: 09:20

Parameter	
	Result 1.216
	Accuracy 93.3%
	Limit 0.91 - 1.37
Nitrate (NO3) mg N/L	Blank <0.01
	Sample duplicate 0.01-0.01
Nitrite (NO2) mg N/L	Blank <0.01
	Standard name DMR-0417-2017-NO2
	Result 2.73
	Accuracy 99.3%
	Limit 2.30 - 3.12
	Sample duplicate <0.01-<0.01
Ortho-Phosphate (O-PO4) mg P/	Blank <0.01
	Standard name DMR-0417-2017-OPO4
	Result 2.82
	Accuracy 88.4%
	Limit 2.81 - 3.57
pH	Standard name STD pH 7.0
	Result 7.00
	Accuracy 100%
	Limit 6.96 - 7.04
Lead (Pb) mg/L	Blank <0.0003
	Standard name C00-046-705_X_1000
	Result 0.0839
	Accuracy 83.9%
	Limit 0.0800 - 0.1200
Dissolved Lead (Pb) mg/L	Blank <0.0003
	Standard name DMR-0219-2017-Eu
	Result 0.9576
	Accuracy 94%
	Limit 0.722 - 1.084
Potassium (K) mg/L	Blank <0.05
	Standard name C00-046-705_X_1000
	Result 0.90
	Accuracy 90%
	Limit 0.800 - 1.200
Selenium (Se) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.111
	Accuracy 89%
	Limit 0.0800 - 0.1200

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Quality control Report

Lab number: V-67039

Sample name: NP2 West KIA

Sampling location: NP2 West KIA

Sampling date: August 22, 2017

Sampling hour: 09:20

Parameter	
Dissolved Selenium (Se) mg/L	Blank <0.001
	Standard name DMR-0219-2017-Eu
	Result 1.60
	Accuracy 81.5%
	Limit 1.08 - 1.62
Sodium (Na) mg/L	Blank <0.05
	Standard name C00-046-705_X_1000
	Result 0.94
	Accuracy 94%
	Limit 0.800 - 1.200
Strontium (Sr) mg/L	Blank <0.005
dissolved Strontium (Sr) mg/L	Blank <0.005
Sulfate (SO4) mg SO4/L	Blank <0.6
	Standard name DMR-0417-2017-SO4
	Result 116
	Accuracy 94.3%
	Limit 114 - 132
Tellurium (Te) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1079
	Accuracy 92.1%
	Limit 0.0800 - 0.1200
Thallium (Tl) mg/L	Blank <0.0008
Dissolved thallium (Tl) mg/L	Blank <0.0008
Thiocyanate (SCN) mg SCN/L	Blank <0.05
	Standard name STD SCN 568ppm
	Result 593
	Accuracy 95.6%
	Limit 398 - 738
Thiosulfates (S2O3) mg S2O3/L	Blank <0.02
	Standard name S2O3-225ppm
	Result 232
	Accuracy 96.9%
	Limit 158 - 293
Titanium (Ti) mg/L	Blank <0.01
Dissolved titanium (Ti) mg/L	Blank <0.01
Turbidity UTN	Standard name DMR-0417-2017-Turb
	Result 5.87
	Accuracy 86.9%
	Limit 4.41 - 5.97

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Quality control Report

Lab number: V-67039

Sample name: NP2 West KIA

Sampling location: NP2 West KIA

Sampling date: August 22, 2017

Sampling hour: 09:20

Parameter	
Uranium (U) mg/L	Sample duplicate 1.08-1.01
	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.104
	Accuracy 96%
Dissolved Uranium (U) mg/L	Limit 0.0800 - 0.1200
	Blank <0.001
	Standard name DMR-0219-2017-Eu
	Result 1.89
	Accuracy 92.6%
Vanadium (V) mg/L	Limit 1.41 - 2.11
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1039
	Accuracy 96.1%
Dissolved Vanadium mg/L	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name DMR-0219-2017-Eu
	Result 1.987
	Accuracy 99.8%
Zinc (Zn) mg/L	Limit 1.59 - 2.39
	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.102
	Accuracy 98%
Dissolved Zinc mg/L	Limit 0.0800 - 0.1200
	Blank <0.001
	Standard name DMR-0219-2017-Eu
	Result 5.19
	Accuracy 86.2%
	Limit 3.65 - 5.47

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Additional information

Lab number: V-67039

Sample name: NP2 West KIA

Sampling location: NP2 West KIA

Sampling date: August 22, 2017

Sampling hour: 09:20

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

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**SGS Canada Inc.**

P.O. Box 4300 - 185 Concession St.
Lakefield - Ontario - K0L 2H0
Phone: 705-652-2000 FAX: 705-652-6365

Agnico Eagle Mines Limited

Attn : Jamie Quesnel

Baker Lake,
, X0C 0A0
Phone: (819) 759-3555, Fax:(819) 759-3663

30-August-2017

Date Rec. : 24 August 2017
LR Report: CA15702-AUG17
Reference: PO# 572888

Copy: #1

CERTIFICATE OF ANALYSIS

Final Report

Sample ID	Sample Date & Time	Temperature Upon Receipt °C	Cyanide (free) mg/L
1: Analysis Start Date		---	29-Aug-17
2: Analysis Start Time		---	10:00
3: Analysis Completed Date		---	29-Aug-17
4: Analysis Completed Time		---	15:33
5: MW-07	22-Aug-17 09:00	16.0	< 0.005
6: MW-07 DUP	22-Aug-17 09:00	16.0	< 0.005
7: Assay Trench	22-Aug-17 09:00	16.0	< 0.005
8: Assay Trench DUP	22-Aug-17 09:00	16.0	< 0.005
9: TPL Assay	22-Aug-17 09:00	16.0	< 0.005
10: TPL Assay DUP	22-Aug-17 09:00	16.0	< 0.005
11: NP2 South	22-Aug-17 09:00	16.0	< 0.005
12: NP2 South DUP	22-Aug-17 09:00	16.0	< 0.005
13: NP2 South FB	22-Aug-17 09:00	16.0	< 0.005
14: NP2 East	22-Aug-17 09:00	16.0	< 0.005
15: NP2 East DUP	22-Aug-17 09:00	16.0	< 0.005
16: NP2 West	22-Aug-17 09:00	16.0	< 0.005
17: NP2 West DUP	22-Aug-17 09:00	16.0	< 0.005



Brian Graham B.Sc.
Project Specialist
Environmental Services, Analytical

**SGS Canada Inc.**

P.O. Box 4300 - 185 Concession St.
Lakefield - Ontario - K0L 2H0
Phone: 705-652-2000 FAX: 705-652-6365

Project : PO#572888**30-August-2017****Agnico Eagle Mines Limited****Attn : Jamie Quesnel****Date Rec. : 25 August 2017**
LR Report: CA15741-AUG17

Baker Lake
, Nunavut
X0C 0A0,

Copy: #1

Phone: (819) 759-3555
Fax: (819) 759-3663

CERTIFICATE OF ANALYSIS

Final Report

Sample ID	Sample Date & Time	Temperature Upon Receipt °C	Cyanide (free) mg/L
1: Analysis Start Date		---	29-Aug-17
2: Analysis Start Time		---	10:00
3: Analysis Completed Date		---	29-Aug-17
4: Analysis Completed Time		---	15:33
5: ST-16 KIA	22-Aug-17 13:00	19.0	< 0.005
6: ST-16 KIA DUP	22-Aug-17 13:00	19.0	< 0.005
7: ST-16 KIA FB	22-Aug-17 13:00	19.0	< 0.005
8: NP1 West KIA	22-Aug-17 13:00	19.0	< 0.005
9: SP1 West KIA DUP	22-Aug-17 13:00	19.0	< 0.005
10: Dogleg North KIA	22-Aug-17 13:00	19.0	< 0.005
11: Dogleg North KIA DUP	22-Aug-17 13:00	19.0	< 0.005
12: SPL RSF KIA	22-Aug-17 13:00	19.0	< 0.005
13: SPL RSF KIA DUP	22-Aug-17 13:00	19.0	< 0.005

Brian Graham B.Sc.
Project Specialist
Environmental Services, Analytical



Analytical Report

Company: **Agnico Eagle Division Meadowbank**

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

Lab number: V-67091

Sampling location: SLP RSF KIA DUP

Sampling date: August 22, 2017

Sample name: SLP RSF KIA DUP

Sampling hour: 15:00

Sampled by: Fanny L. Isabelle C.

Date received: August 24, 2017

Matrix: Water

Drinking water distribution:

Reported on: September 13, 2017

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

Results relate only to the sample tested.

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

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Analytical Report

Lab number: V-67091

Sample name: SLP RSF KIA DUP

Sampling location: SLP RSF KIA DUP

Sampling date: August 22, 2017

Sampling hour: 15:00

Parameter	Result	Method name	Analysis date
Alkalinity	40 mg CaCO ₃ /L	M-TIT-1.0	August 24, 2017
Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Antimony (Sb)	<0.0001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Antimony (Sb)	<0.0001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	<0.05 mg N/L	Sous-traitance\H2Lab inc. (SAM)	August 25, 2017
Kjeldahl nitrogen	0.46 mg N/L	Sous-traitance\H2Lab inc. (SAM)	August 25, 2017
Barium (Ba)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Barium (Ba)	0.0008 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
bicarbonate (HCO ₃)	40 mg CaCO ₃ /L	M-TIT-1.0	August 24, 2017
Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Bromides	<0.01 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Calcium (Ca)	3.61 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Carbonate (CO ₃)	<2 mg CaCO ₃ /L	M-TIT-1.0	August 24, 2017
Dissolved Organic Carbon (D.O.C.)	2.5 mg/L	M-COT-1.0	August 24, 2017
Total Organic Carbon (T.O.C.)	2.7 mg/L	M-COT-1.0	August 24, 2017
Chlorophyll A	0.78 µg/L	Sous-traitance\H2Lab inc. (SAM)	September 05, 2017
Chloride	0.7 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Chrome (Cr)	0.0009 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Chromium (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Cobalt (Co)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Cobalt (Co)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Conductivity	38 µmhos/cm	M-TIT-1.0	August 24, 2017
Colour	<1 Colour units	Sous-traitance\Multilab Direct	August 25, 2017
Copper (Cu)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Copper (Cu)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Cyanide W.A.D.	0.009 mg/L	Sous-traitance\Multilab Direct	September 01, 2017
Total Cyanide (CNT)	0.014 mg/L	Sous-traitance\Multilab Direct	September 01, 2017
Hardness	14 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	September 06, 2017
Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
dissolved Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017

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Analytical Report

Lab number: V-67091

Sample name: SLP RSF KIA DUP

Sampling date: August 22, 2017

Sampling location: SLP RSF KIA DUP

Sampling hour: 15:00

Parameter	Result	Method name	Analysis date
Iron (Fe)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Iron (Fe)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Fluoride (F)	0.07 mg/L	Sous-traitance\Multilab Direct	September 01, 2017
Lithium (Li)	0.072 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Dissolved Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Total Suspended Solids	5 mg/L	M-SOLI-1.0	August 25, 2017
Magnesium (Mg)	1.32 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Magnesium (Mg)	0.84 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Manganese (Mn)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Manganese (Mn)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Mercury (Hg)	0.00004 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Dissolved Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Molybdenum (Mo)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Molybdenum (Mo)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Ammonia NH3 (non-ionized)	<0.05 mg N/L	Sous-traitance\H2Lab inc. (SAM)	September 12, 2017
Nickel (Ni)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Nickel (Ni)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Nitrate (NO3)	<0.01 mg N/L	Sous-traitance\Multilab Direct	August 30, 2017
Nitrite (NO2)	<0.01 mg N/L	Sous-traitance\Multilab Direct	August 30, 2017
Ortho-Phosphate (O-PO4)	<0.01 mg P/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved oxygen	10.4 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
pH	7.41	M-TIT-1.0	August 24, 2017
Total Phosphorus (P) (Trace)	3.7 µg P/L	Sous-traitance\H2Lab inc. (SAM)	August 25, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Potassium (K)	0.49 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Reactive silica (SiO2)	0.37 mg/L	Sous-traitance\Maxxam	August 29, 2017
Sodium (Na)	0.94 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Solids	25 mg/L	M-TIT-1.0	August 24, 2017
Strontium (Sr)	0.016 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
dissolved Strontium (Sr)	0.015 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Sulfate (SO4)	6.6 mg SO4/L	Sous-traitance\Multilab Direct	August 31, 2017
Tellurium (Te)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Dissolved thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Thiocyanate (SCN)	<0.05 mg SCN/L	Sous-traitance\Multilab Direct	August 30, 2017
Thiosulfates (S2O3)	<0.02 mg S2O3/L	Sous-traitance\Multilab Direct	September 05, 2017
Titanium (Ti)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 06, 2017

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Analytical Report

Lab number: V-67091

Sample name: SLP RSF KIA DUP

Sampling location: SLP RSF KIA DUP

Sampling date: August 22, 2017

Sampling hour: 15:00

Parameter	Result	Method name	Analysis date
Dissolved titanium (Ti)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Turbidity	0.81 NTU	Sous-traitance\Multilab Direct	August 25, 2017
Uranium (U)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Uranium (U)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Vanadium (V)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Vanadium	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Zinc (Zn)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Zinc	0.004 mg/L	Sous-traitance\Multilab Direct	September 06, 2017

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Detection limit

Lab number: V-67091

Sample name: SLP RSF KIA DUP

Sampling location: SLP RSF KIA DUP

Sampling date: August 22, 2017

Sampling hour: 15:00

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO ₃ /L	M-TIT-1.0	
Aluminium (Al)	0.003	mg/L	Sous-traitance	
Dissolved Aluminium (Al)	0.006	mg/L	Sous-traitance	
Antimony (Sb)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Antimony (Sb)	0.0001	mg/L	Sous-traitance	
Silver (Ag)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Silver (Ag)	0.0001	mg/L	Sous-traitance	
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Arsenic (As)	0.0005	mg/L	Sous-traitance	
Kjeldahl nitrogen	0.05	mg N/L	Sous-traitance	
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Barium (Ba)	0.0005	mg/L	Sous-traitance	
Beryllium (Be)	0.0005	mg/L	Sous-traitance	
Dissolved Beryllium (Be)	0.0005	mg/L	Sous-traitance	
bicarbonate (HCO ₃)	2	mg CaCO ₃ /L	M-TIT-1.0	
Boron (B)	0.01	mg/L	Sous-traitance	Yes
Dissolved Boron (B)	0.006	mg/L	Sous-traitance	
Bromides	0.01	mg/L	Sous-traitance	
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Dissolved Cadmium (Cd)	0.00002	mg/L	Sous-traitance	
Calcium (Ca)	0.03	mg/L	Sous-traitance	Yes
Carbonate (CO ₃)	2	mg CaCO ₃ /L	M-TIT-1.0	
Dissolved Organic Carbon (D.O.C.)	0.2	mg/L	M-COT-1.0	--
Total Organic Carbon (T.O.C.)	0.2	mg/L	M-COT-1.0	Yes
Chlorophyll A	0.13	µg/L	Sous-traitance	
Chloride	0.5	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Dissolved Chromium (Cr)	0.0006	mg/L	Sous-traitance	
Cobalt (Co)	0.0005	mg/L	Sous-traitance	
Dissolved Cobalt (Co)	0.0005	mg/L	Sous-traitance	
Conductivity	1	µmhos/cm	M-TIT-1.0	Yes
Colour	1	UCV	Sous-traitance	Yes
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Copper (Cu)	0.0005	mg/L	Sous-traitance	
Cyanide W.A.D.	0.001	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO ₃ /L	Sous-traitance	
Tin (Sn)	0.001	mg/L	Sous-traitance	Yes
dissolved Tin (Sn)	0.001	mg/L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes

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Detection limit

Lab number: V-67091

Sample name: SLP RSF KIA DUP

Sampling date: August 22, 2017

Sampling location: SLP RSF KIA DUP

Sampling hour: 15:00

Parameter	Value	Unit	Method	Accreditation
Dissolved Iron (Fe)	0.01	mg/L	Sous-traitance	
Fluoride (F)	0.02	mg/L	Sous-traitance	Yes
Lithium (Li)	0.005	mg/L	Sous-traitance	
Dissolved Lithium (Li)	0.005	mg/L	Sous-traitance	
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Magnesium (Mg)	0.02	mg/L	Sous-traitance	Yes
Dissolved Magnesium (Mg)	0.02	mg/L	Sous-traitance	
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Manganese (Mn)	0.0005	mg/L	Sous-traitance	
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Dissolved Mercury (Hg)	0.00001	mg/L	Sous-traitance	
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Nickel (Ni)	0.0005	mg/L	Sous-traitance	
Nitrate (NO ₃)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO ₂)	0.01	mg N/L	Sous-traitance	Yes
Ortho-Phosphate (O-PO ₄)	0.01	mg P/L	Sous-traitance	Yes
Dissolved oxygen	0.1	mg/L	Sous-traitance	
pH			M-TIT-1.0	Yes
Total Phosphorus (P) (Trace)	1.9	µg P/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Dissolved Lead (Pb)	0.0003	mg/L	Sous-traitance	
Potassium (K)	0.05	mg/L	Sous-traitance	
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Dissolved Selenium (Se)	0.001	mg/L	Sous-traitance	
Reactive silica (SiO ₂)		mg/L	Sous-traitance	
Sodium (Na)	0.05	mg/L	Sous-traitance	Yes
Dissolved Solids	1	mg/L	M-TIT-1.0	
Strontium (Sr)	0.005	mg/L	Sous-traitance	
dissolved Strontium (Sr)	0.005	mg/L	Sous-traitance	
Sulfate (SO ₄)	0.6	mg SO ₄ /L	Sous-traitance	Yes
Tellurium (Te)	0.0005	mg/L	Sous-traitance	
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Dissolved thallium (Tl)	0.0008	mg/L	Sous-traitance	
Thiocyanate (SCN)	0.05	mg SCN/L	Sous-traitance	Yes
Thiosulfates (S ₂ O ₃)	0.02	mg S ₂ O ₃ /L	Sous-traitance	Yes
Titanium (Ti)	0.01	mg/L	Sous-traitance	
Dissolved titanium (Ti)	0.01	mg/L	Sous-traitance	
Turbidity	0.02	UTN	Sous-traitance	Yes

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Detection limit

Lab number: V-67091

Sample name: SLP RSF KIA DUP

Sampling date: August 22, 2017

Sampling location: SLP RSF KIA DUP

Sampling hour: 15:00

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

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Quality control Report

Lab number: V-67091

Sample name: SLP RSF KIA DUP

Sampling location: SLP RSF KIA DUP

Sampling date: August 22, 2017

Sampling hour: 15:00

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 155 Accuracy 93.1% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006
	Standard name C00-046-705_X_1000 Result 0.882 Accuracy 88.2% Limit 0.800 - 1.200
Dissolved Aluminium (Al) mg/L	Blank <0.006
	Standard name C00-046-705_X_1000 Result 0.835 Accuracy 83.5% Limit 0.800 - 1.200
Antimony (Sb) mg/L	Blank <0.0001
	Standard name C00-046-705_X_1000 Result 0.0112 Accuracy 88% Limit 0.0080 - 0.0120
Dissolved Antimony (Sb) mg/L	Blank <0.0001
	Standard name C00-046-705_X_1000 Result 0.0085 Accuracy 85% Limit 0.0080 - 0.0120
Silver (Ag) mg/L	Blank <0.0001
	Standard name DMR-0343-2017-Ag Result 0.6647 Accuracy 82.9% Limit 0.642 - 0.962
Dissolved Silver (Ag) mg/L	Blank <0.0001
	Standard name DMR-0343-2017-Ag Result 0.7084 Accuracy 88.3% Limit 0.642 - 0.962
Arsenic (As) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000 Result 0.0922 Accuracy 92.2% Limit 0.0700 - 0.1300
Dissolved Arsenic (As) mg/L	Blank <0.0005

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Quality control Report

Lab number: V-67091

Sample name: SLP RSF KIA DUP

Sampling location: SLP RSF KIA DUP

Sampling date: August 22, 2017

Sampling hour: 15:00

Parameter	
	Standard name C00-046-705_X_1000
	Result 0.0957
	Accuracy 95.7%
	Limit 0.0800 - 0.1200
Barium (Ba) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0872
	Accuracy 87.2%
	Limit 0.0800 - 0.1200
Dissolved Barium (Ba) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0971
	Accuracy 97.1%
	Limit 0.0800 - 0.1200
Beryllium (Be) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0926
	Accuracy 92.6%
	Limit 0.0800 - 0.1200
Dissolved Beryllium (Be) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0989
	Accuracy 98.9%
	Limit 0.0800 - 0.1200
Boron (B) mg/L	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.03
	Accuracy 97%
	Limit 0.800 - 1.200
Dissolved Boron (B) mg/L	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.07
	Accuracy 93%
	Limit 0.800 - 1.200
Bromides mg/L	Blank <0.01
	Standard name DMR-0119-2017-Br
	Result 5.20
	Accuracy 92.4%
	Limit 4.50 - 6.76
Cadmium (Cd) mg/L	Blank <0.00002

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Quality control Report

Lab number: V-67091

Sample name: SLP RSF KIA DUP

Sampling location: SLP RSF KIA DUP

Sampling date: August 22, 2017

Sampling hour: 15:00

Parameter	
	Standard name C00-046-705_X_1000
	Result 0.08540
	Accuracy 85.4%
	Limit 0.0800 - 0.1200
Dissolved Cadmium (Cd) mg/L	Blank <0.00002
	Standard name C00-046-705_X_1000
	Result 0.08929
	Accuracy 89.3%
	Limit 0.0800 - 0.1200
Calcium (Ca) mg/L	Blank <0.03
	Standard name C00-046-705_X_1000
	Result 0.86
	Accuracy 86%
	Limit 0.800 - 1.200
Dissolved Organic Carbon (D.O.C.) mg/L	Blank <0.2
	Standard name COD 10mg/L
	Result 11
	Accuracy 90%
	Limit 8 - 12
	Sample duplicate 2.5-2.3
Total Organic Carbon (T.O.C.) mg/L	Blank <0.2
	Standard name COT 10mg/L
	Result 11
	Accuracy 90%
	Limit 8 - 12
	Sample duplicate 2.7-2.7
Chloride mg/L	Blank <0.5
	Standard name DMR-0417-2017-Cl
	Result 112
	Accuracy 96.3%
	Limit 95 - 121
Chrome (Cr) mg/L	Blank <0.0006
	Standard name C00-046-705_X_1000
	Result 0.0956
	Accuracy 95.6%
	Limit 0.0800 - 0.1200
Dissolved Chromium (Cr) mg/L	Blank <0.0006
	Standard name C00-046-705_X_1000
	Result 0.1004
	Accuracy 99.6%

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Quality control Report

Lab number: V-67091

Sample name: SLP RSF KIA DUP

Sampling location: SLP RSF KIA DUP

Sampling date: August 22, 2017

Sampling hour: 15:00

Parameter	
Cobalt (Co) mg/L	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0941
	Accuracy 94.1%
Dissolved Cobalt (Co) mg/L	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0987
	Accuracy 98.7%
Conductivity µmhos/cm	Limit 0.0800 - 0.1200
	Standard name STD cond maison
	Result 1406
	Accuracy 99.4%
	Limit 1203 - 1627
Colour UCV	Blank <1
	Standard name DMR-0417-2017-Coul
	Result 89
	Accuracy 97.7%
	Limit 67 - 107
Copper (Cu) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1006
	Accuracy 99.4%
	Limit 0.0800 - 0.1200
Dissolved Copper (Cu) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1056
	Accuracy 94.4%
	Limit 0.0800 - 0.1200
Cyanide W.A.D. mg/L	Blank <0.001
	Standard name DMR-0343-CN
	Result 0.928
	Accuracy 94.9%
	Limit 0.751 - 1.015
Total Cyanide (CNT) mg/L	Blank <0.001
	Standard name DMR-0343-CN
	Result 1.26
	Accuracy 93.2%
	Limit 1.003 - 1.357

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Quality control Report

Lab number: V-67091

Sample name: SLP RSF KIA DUP

Sampling location: SLP RSF KIA DUP

Sampling date: August 22, 2017

Sampling hour: 15:00

Parameter	
Tin (Sn) mg/L	Blank <0.001 Standard name C00-046-705_X_1000 Result 0.086 Accuracy 86% Limit 0.0800 - 0.1200
dissolved Tin (Sn) mg/L	Blank <0.001 Standard name DMR-0310-2016-Sn Result 6.81 Accuracy 75.1% Limit 6.35 - 11.79
Iron (Fe) mg/L	Blank <0.01 Standard name C00-046-705_X_1000 Result 0.92 Accuracy 92% Limit 0.800 - 1.200
Dissolved Iron (Fe) mg/L	Blank <0.01 Standard name C00-046-705_X_1000 Result 1.02 Accuracy 98% Limit 0.800 - 1.200
Fluoride (F) mg/L	Blank <0.02 Standard name DMR-0417-2017-F Result 2.29 Accuracy 99.6% Limit 2.13 - 2.47
Lithium (Li) mg/L	Blank <0.005
Dissolved Lithium (Li) mg/L	Blank <0.005
Total Suspended Solids mg/L	Blank <1 Standard name STD-MES 25mg/L Result 27 Accuracy 92% Limit 19 - 31
Magnesium (Mg) mg/L	Blank <0.02 Standard name C00-046-705_X_1000 Result 0.97 Accuracy 97% Limit 0.800 - 1.200
Dissolved Magnesium (Mg) mg/L	Blank <0.02 Standard name C00-046-705_X_1000 Result 0.94

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Quality control Report

Lab number: V-67091

Sample name: SLP RSF KIA DUP

Sampling location: SLP RSF KIA DUP

Sampling date: August 22, 2017

Sampling hour: 15:00

Parameter	
Manganese (Mn) mg/L	Accuracy 94%
	Limit 0.800 - 1.200
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0904
Dissolved Manganese (Mn) mg/L	Accuracy 90.4%
	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0943
Mercury (Hg) mg/L	Accuracy 94.3%
	Limit 0.0800 - 0.1200
	Blank <0.00001
	Standard name DMR-0343-2017-HgEu
	Result 0.00050
Dissolved Mercury (Hg) mg/L	Accuracy 71.4%
	Limit 0.00042 - 0.00098
	Blank <0.00001
Molybdenum (Mo) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0829
Dissolved Molybdenum (Mo) mg/L	Accuracy 82.9%
	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0864
Nickel (Ni) mg/L	Accuracy 86.4%
	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0921
Dissolved Nickel (Ni) mg/L	Accuracy 92.1%
	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0969
Nitrate (NO3) mg N/L	Accuracy 96.9%
	Limit 0.0800 - 0.1200
	Blank <0.01
Nitrite (NO2) mg N/L	Blank <0.01

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Quality control Report

Lab number: V-67091

Sample name: SLP RSF KIA DUP

Sampling location: SLP RSF KIA DUP

Sampling date: August 22, 2017

Sampling hour: 15:00

Parameter	
	Standard name DMR-0417-2017-NO2
	Result 2.71
	Accuracy 100%
	Limit 2.30 - 3.12
Ortho-Phosphate (O-PO4) mg P/	Blank <0.01
	Standard name DMR-0417-2017-OPO4
	Result 2.82
	Accuracy 88.4%
	Limit 2.81 - 3.57
pH	Standard name STD pH 7.0
	Result 7.00
	Accuracy 100%
	Limit 6.96 - 7.04
Lead (Pb) mg/L	Blank <0.0003
	Standard name C00-046-705_X_1000
	Result 0.0872
	Accuracy 87.2%
	Limit 0.0800 - 0.1200
Dissolved Lead (Pb) mg/L	Blank <0.0003
	Standard name C00-046-705_X_1000
	Result 0.0909
	Accuracy 90.9%
	Limit 0.0800 - 0.1200
Potassium (K) mg/L	Blank <0.05
	Standard name C00-046-705_X_1000
	Result 1.02
	Accuracy 98%
	Limit 0.800 - 1.200
Selenium (Se) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.091
	Accuracy 91%
	Limit 0.0800 - 0.1200
Dissolved Selenium (Se) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.094
	Accuracy 94%
	Limit 0.0800 - 0.1200
Sodium (Na) mg/L	Blank <0.05
	Standard name C00-046-705_X_1000

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Quality control Report

Lab number: V-67091

Sample name: SLP RSF KIA DUP

Sampling location: SLP RSF KIA DUP

Sampling date: August 22, 2017

Sampling hour: 15:00

Parameter	
	Result 1.02
	Accuracy 98%
	Limit 0.800 - 1.200
Strontium (Sr) mg/L	Blank <0.005
dissolved Strontium (Sr) mg/L	Blank <0.005
Sulfate (SO4) mg SO4/L	Blank <0.6
	Standard name DMR-0417-2017-SO4
	Result 116
	Accuracy 94.3%
	Limit 114 - 132
Tellurium (Te) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0897
	Accuracy 89.7%
	Limit 0.0800 - 0.1200
Thallium (Tl) mg/L	Blank <0.0008
Dissolved thallium (Tl) mg/L	Blank <0.0008
Thiocyanate (SCN) mg SCN/L	Blank <0.05
	Standard name STD SCN 568ppm
	Result 593
	Accuracy 95.6%
	Limit 398 - 738
Thiosulfates (S2O3) mg S2O3/L	Blank <0.02
	Standard name S2O3-225ppm
	Result 212
	Accuracy 94.2%
	Limit 158 - 293
Titanium (Ti) mg/L	Blank <0.01
Dissolved titanium (Ti) mg/L	Blank <0.01
Turbidity UTN	Standard name DMR-0417-2017-Turb
	Result 4.60
	Accuracy 88.6%
	Limit 4.41 - 5.97
	Sample duplicate 0.81-0.91
Uranium (U) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.097
	Accuracy 97%
	Limit 0.0800 - 0.1200
Dissolved Uranium (U) mg/L	Blank <0.001

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Quality control Report

Lab number: V-67091

Sample name: SLP RSF KIA DUP

Sampling location: SLP RSF KIA DUP

Sampling date: August 22, 2017

Sampling hour: 15:00

Parameter

Standard name C00-046-705_X_1000

Result 0.099

Accuracy 99%

Limit 0.0800 - 0.1200

Vanadium (V) mg/L

Blank <0.0005

Standard name C00-046-705_X_1000

Result 0.0887

Accuracy 88.7%

Limit 0.0800 - 0.1200

Dissolved Vanadium mg/L

Blank <0.0005

Standard name C00-046-705_X_1000

Result 0.0930

Accuracy 93%

Limit 0.0800 - 0.1200

Zinc (Zn) mg/L

Blank <0.001

Standard name C00-046-705_X_1000

Result 0.093

Accuracy 93%

Limit 0.0800 - 0.1200

Dissolved Zinc mg/L

Blank <0.001

Standard name C00-046-705_X_1000

Result 0.091

Accuracy 91%

Limit 0.0800 - 0.1200

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Additional information

Lab number: V-67091

Sample name: SLP RSF KIA DUP

Sampling location: SLP RSF KIA DUP

Sampling date: August 22, 2017

Sampling hour: 15:00

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

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

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

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

Lab number: V-67090

Sampling location: SLP RSF KIA

Sampling date: August 22, 2017

Sample name: SLP RSF KIA

Sampling hour: 15:00

Sampled by: Fanny L. Isabelle C.

Date received: August 24, 2017

Matrix: Water

Drinking water distribution:

Reported on: September 13, 2017

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

Results relate only to the sample tested.

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

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Analytical Report

Lab number: V-67090

Sample name: SLP RSF KIA

Sampling location: SLP RSF KIA

Sampling date: August 22, 2017

Sampling hour: 15:00

Parameter	Result	Method name	Analysis date
Alkalinity	49 mg CaCO ₃ /L	M-TIT-1.0	August 24, 2017
Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Antimony (Sb)	<0.0001 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Antimony (Sb)	<0.0001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	<0.05 mg N/L	Sous-traitance\H2Lab inc. (SAM)	August 25, 2017
Kjeldahl nitrogen	0.46 mg N/L	Sous-traitance\H2Lab inc. (SAM)	August 25, 2017
Barium (Ba)	0.0031 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Barium (Ba)	0.0019 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
bicarbonate (HCO ₃)	49 mg CaCO ₃ /L	M-TIT-1.0	August 24, 2017
Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Bromides	<0.01 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Calcium (Ca)	3.24 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Carbonate (CO ₃)	<2 mg CaCO ₃ /L	M-TIT-1.0	August 24, 2017
Dissolved Organic Carbon (D.O.C.)	2.4 mg/L	M-COT-1.0	August 24, 2017
Total Organic Carbon (T.O.C.)	2.7 mg/L	M-COT-1.0	August 24, 2017
Chlorophyll A	0.61 µg/L	Sous-traitance\H2Lab inc. (SAM)	September 05, 2017
Chloride	0.7 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Chrome (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Chromium (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Cobalt (Co)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Cobalt (Co)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Conductivity	38 µmhos/cm	M-TIT-1.0	August 24, 2017
Colour	<1 Colour units	Sous-traitance\Multilab Direct	August 25, 2017
Copper (Cu)	0.0006 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Copper (Cu)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Cyanide W.A.D.	0.009 mg/L	Sous-traitance\Multilab Direct	September 01, 2017
Total Cyanide (CNT)	0.011 mg/L	Sous-traitance\Multilab Direct	September 01, 2017
Hardness	12 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	September 08, 2017
Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
dissolved Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017

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Analytical Report

Lab number: V-67090

Sample name: SLP RSF KIA

Sampling location: SLP RSF KIA

Sampling date: August 22, 2017

Sampling hour: 15:00

Parameter	Result	Method name	Analysis date
Iron (Fe)	0.02 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Iron (Fe)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Fluoride (F)	0.07 mg/L	Sous-traitance\Multilab Direct	September 01, 2017
Lithium (Li)	0.111 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Dissolved Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Total Suspended Solids	1 mg/L	M-SOLI-1.0	August 25, 2017
Magnesium (Mg)	1.11 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Magnesium (Mg)	1.59 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Manganese (Mn)	0.0018 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Manganese (Mn)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Dissolved Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Molybdenum (Mo)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Molybdenum (Mo)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Ammonia NH3 (non-ionized)	<0.05 mg N/L	Sous-traitance\H2Lab inc. (SAM)	September 12, 2017
Nickel (Ni)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Nickel (Ni)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Nitrate (NO3)	<0.01 mg N/L	Sous-traitance\Multilab Direct	August 30, 2017
Nitrite (NO2)	<0.01 mg N/L	Sous-traitance\Multilab Direct	August 30, 2017
Ortho-Phosphate (O-PO4)	<0.01 mg P/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved oxygen	10.3 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
pH	7.42	M-TIT-1.0	August 24, 2017
Total Phosphorus (P) (Trace)	4.0 µg P/L	Sous-traitance\H2Lab inc. (SAM)	August 25, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Potassium (K)	0.37 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Reactive silica (SiO2)	0.28 mg/L	Sous-traitance\Maxxam	August 29, 2017
Sodium (Na)	0.73 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Solids	25 mg/L	M-TIT-1.0	August 24, 2017
Strontium (Sr)	0.017 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
dissolved Strontium (Sr)	0.017 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Sulfate (SO4)	5.7 mg SO4/L	Sous-traitance\Multilab Direct	August 31, 2017
Tellurium (Te)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Dissolved thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Thiocyanate (SCN)	<0.05 mg SCN/L	Sous-traitance\Multilab Direct	August 30, 2017
Thiosulfates (S2O3)	<0.02 mg S2O3/L	Sous-traitance\Multilab Direct	September 05, 2017
Titanium (Ti)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 08, 2017

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Analytical Report

Lab number: V-67090

Sample name: SLP RSF KIA

Sampling location: SLP RSF KIA

Sampling date: August 22, 2017

Sampling hour: 15:00

Parameter	Result	Method name	Analysis date
Dissolved titanium (Ti)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Turbidity	0.71 NTU	Sous-traitance\Multilab Direct	August 25, 2017
Uranium (U)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Uranium (U)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Vanadium (V)	0.0011 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Vanadium	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Zinc (Zn)	0.001 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Dissolved Zinc	<0.001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017

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Detection limit

Lab number: V-67090

Sample name: SLP RSF KIA

Sampling location: SLP RSF KIA

Sampling date: August 22, 2017

Sampling hour: 15:00

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2 mg CaCO ₃ /L		M-TIT-1.0	
Aluminium (Al)	0.003 mg/L		Sous-traitance	
Dissolved Aluminium (Al)	0.006 mg/L		Sous-traitance	
Antimony (Sb)	0.0001 mg/L		Sous-traitance	Yes
Dissolved Antimony (Sb)	0.0001 mg/L		Sous-traitance	
Silver (Ag)	0.0001 mg/L		Sous-traitance	Yes
Dissolved Silver (Ag)	0.0001 mg/L		Sous-traitance	
Arsenic (As)	0.0005 mg/L		Sous-traitance	Yes
Dissolved Arsenic (As)	0.0005 mg/L		Sous-traitance	
Kjeldahl nitrogen	0.05 mg N/L		Sous-traitance	
Barium (Ba)	0.0005 mg/L		Sous-traitance	Yes
Dissolved Barium (Ba)	0.0005 mg/L		Sous-traitance	
Beryllium (Be)	0.0005 mg/L		Sous-traitance	
Dissolved Beryllium (Be)	0.0005 mg/L		Sous-traitance	
bicarbonate (HCO ₃)	2 mg CaCO ₃ /L		M-TIT-1.0	
Boron (B)	0.01 mg/L		Sous-traitance	Yes
Dissolved Boron (B)	0.006 mg/L		Sous-traitance	
Bromides	0.01 mg/L		Sous-traitance	
Cadmium (Cd)	0.00002 mg/L		Sous-traitance	Yes
Dissolved Cadmium (Cd)	0.00002 mg/L		Sous-traitance	
Calcium (Ca)	0.03 mg/L		Sous-traitance	Yes
Carbonate (CO ₃)	2 mg CaCO ₃ /L		M-TIT-1.0	
Dissolved Organic Carbon (D.O.C.)	0.2 mg/L		M-COT-1.0	--
Total Organic Carbon (T.O.C.)	0.2 mg/L		M-COT-1.0	Yes
Chlorophyll A	0.13 µg/L		Sous-traitance	
Chloride	0.5 mg/L		Sous-traitance	Yes
Chrome (Cr)	0.0006 mg/L		Sous-traitance	Yes
Dissolved Chromium (Cr)	0.0006 mg/L		Sous-traitance	
Cobalt (Co)	0.0005 mg/L		Sous-traitance	
Dissolved Cobalt (Co)	0.0005 mg/L		Sous-traitance	
Conductivity	1 µmhos/cm		M-TIT-1.0	Yes
Colour	1 UCV		Sous-traitance	Yes
Copper (Cu)	0.0005 mg/L		Sous-traitance	Yes
Dissolved Copper (Cu)	0.0005 mg/L		Sous-traitance	
Cyanide W.A.D.	0.001 mg/L		Sous-traitance	Yes
Total Cyanide (CNT)	0.001 mg/L		Sous-traitance	Yes
Hardness	1 mg CaCO ₃ /L		Sous-traitance	
Tin (Sn)	0.001 mg/L		Sous-traitance	Yes
dissolved Tin (Sn)	0.001 mg/L		Sous-traitance	
Iron (Fe)	0.01 mg/L		Sous-traitance	Yes

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Detection limit

Lab number: V-67090

Sample name: SLP RSF KIA

Sampling location: SLP RSF KIA

Sampling date: August 22, 2017

Sampling hour: 15:00

Parameter	Value	Unit	Method	Accreditation
Dissolved Iron (Fe)	0.01	mg/L	Sous-traitance	
Fluoride (F)	0.02	mg/L	Sous-traitance	Yes
Lithium (Li)	0.005	mg/L	Sous-traitance	
Dissolved Lithium (Li)	0.005	mg/L	Sous-traitance	
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Magnesium (Mg)	0.02	mg/L	Sous-traitance	Yes
Dissolved Magnesium (Mg)	0.02	mg/L	Sous-traitance	
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Manganese (Mn)	0.0005	mg/L	Sous-traitance	
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Dissolved Mercury (Hg)	0.00001	mg/L	Sous-traitance	
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Nickel (Ni)	0.0005	mg/L	Sous-traitance	
Nitrate (NO ₃)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO ₂)	0.01	mg N/L	Sous-traitance	Yes
Ortho-Phosphate (O-PO ₄)	0.01	mg P/L	Sous-traitance	Yes
Dissolved oxygen	0.1	mg/L	Sous-traitance	
pH			M-TIT-1.0	Yes
Total Phosphorus (P) (Trace)	1.9	µg P/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Dissolved Lead (Pb)	0.0003	mg/L	Sous-traitance	
Potassium (K)	0.05	mg/L	Sous-traitance	
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Dissolved Selenium (Se)	0.001	mg/L	Sous-traitance	
Reactive silica (SiO ₂)		mg/L	Sous-traitance	
Sodium (Na)	0.05	mg/L	Sous-traitance	Yes
Dissolved Solids	1	mg/L	M-TIT-1.0	
Strontium (Sr)	0.005	mg/L	Sous-traitance	
dissolved Strontium (Sr)	0.005	mg/L	Sous-traitance	
Sulfate (SO ₄)	0.6	mg SO ₄ /L	Sous-traitance	Yes
Tellurium (Te)	0.0005	mg/L	Sous-traitance	
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Dissolved thallium (Tl)	0.0008	mg/L	Sous-traitance	
Thiocyanate (SCN)	0.05	mg SCN/L	Sous-traitance	Yes
Thiosulfates (S ₂ O ₃)	0.02	mg S ₂ O ₃ /L	Sous-traitance	Yes
Titanium (Ti)	0.01	mg/L	Sous-traitance	
Dissolved titanium (Ti)	0.01	mg/L	Sous-traitance	
Turbidity	0.02	UTN	Sous-traitance	Yes

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Detection limit

Lab number: V-67090

Sample name: SLP RSF KIA

Sampling location: SLP RSF KIA

Sampling date: August 22, 2017

Sampling hour: 15:00

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

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Quality control Report

Lab number: V-67090

Sample name: SLP RSF KIA

Sampling location: SLP RSF KIA

Sampling date: August 22, 2017

Sampling hour: 15:00

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 155 Accuracy 93.1% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006
	Standard name C00-046-705_X_1000 Result 0.933 Accuracy 93.3% Limit 0.800 - 1.200
Dissolved Aluminium (Al) mg/L	Blank <0.006
	Standard name C00-046-705_X_1000 Result 1.19 Accuracy 81% Limit 0.800 - 1.200
Antimony (Sb) mg/L	Blank <0.0001
	Standard name C00-046-705_X_1000 Result 0.0103 Accuracy 97% Limit 0.0080 - 0.0120
Dissolved Antimony (Sb) mg/L	Blank <0.0001
	Standard name C00-046-705_X_1000 Result 0.0112 Accuracy 88% Limit 0.0080 - 0.0120
Silver (Ag) mg/L	Blank <0.0001
Dissolved Silver (Ag) mg/L	Blank <0.0001
	Standard name DMR-0343-2017-Ag Result 0.6549 Accuracy 81.7% Limit 0.642 - 0.962
Arsenic (As) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000 Result 0.0904 Accuracy 90.4% Limit 0.0700 - 0.1300
Dissolved Arsenic (As) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000 Result 0.1019 Accuracy 98.1% Limit 0.0800 - 0.1200

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Quality control Report

Lab number: V-67090

Sample name: SLP RSF KIA

Sampling location: SLP RSF KIA

Sampling date: August 22, 2017

Sampling hour: 15:00

Parameter	
Barium (Ba) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0935 Accuracy 93.5% Limit 0.0800 - 0.1200
Dissolved Barium (Ba) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1021 Accuracy 97.9% Limit 0.0800 - 0.1200
Beryllium (Be) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0956 Accuracy 95.6% Limit 0.0800 - 0.1200
Dissolved Beryllium (Be) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1165 Accuracy 83.5% Limit 0.0800 - 0.1200
Boron (B) mg/L	Blank <0.01 Standard name C00-046-705_X_1000 Result 0.99 Accuracy 99% Limit 0.800 - 1.200
Dissolved Boron (B) mg/L	Blank <0.01 Standard name C00-046-705_X_1000 Result 1.15 Accuracy 85% Limit 0.800 - 1.200
Bromides mg/L	Blank <0.01 Standard name DMR-0119-2017-Br Result 5.20 Accuracy 92.4% Limit 4.50 - 6.76
Cadmium (Cd) mg/L	Blank <0.00002 Standard name C00-046-705_X_1000 Result 0.09157 Accuracy 91.6% Limit 0.0800 - 0.1200

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Quality control Report

Lab number: V-67090

Sample name: SLP RSF KIA

Sampling location: SLP RSF KIA

Sampling date: August 22, 2017

Sampling hour: 15:00

Parameter	
Dissolved Cadmium (Cd) mg/L	Blank <0.00002 Standard name C00-046-705_X_1000 Result 0.11683 Accuracy 83.2% Limit 0.0800 - 0.1200
Calcium (Ca) mg/L	Blank <0.03 Standard name C00-046-705_X_1000 Result 0.89 Accuracy 89% Limit 0.800 - 1.200
Dissolved Organic Carbon (D.O.C.) mg/L	Blank <0.2 Standard name COD 10mg/L Result 11 Accuracy 90% Limit 8 - 12
Total Organic Carbon (T.O.C.) mg/L	Blank <0.2 Standard name COT 10mg/L Result 11 Accuracy 90% Limit 8 - 12
Chloride mg/L	Blank <0.5 Standard name DMR-0417-2017-Cl Result 112 Accuracy 96.3% Limit 95 - 121
Chrome (Cr) mg/L	Blank <0.0006 Standard name C00-046-705_X_1000 Result 0.0963 Accuracy 96.3% Limit 0.0800 - 0.1200
Dissolved Chromium (Cr) mg/L	Blank <0.0006 Standard name C00-046-705_X_1000 Result 0.1160 Accuracy 84% Limit 0.0800 - 0.1200
Cobalt (Co) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0927 Accuracy 92.7% Limit 0.0800 - 0.1200

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Quality control Report

Lab number: V-67090

Sample name: SLP RSF KIA

Sampling location: SLP RSF KIA

Sampling date: August 22, 2017

Sampling hour: 15:00

Parameter	
Dissolved Cobalt (Co) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1127 Accuracy 87.3% Limit 0.0800 - 0.1200
Conductivity µmhos/cm	Standard name STD cond maison Result 1406 Accuracy 99.4% Limit 1203 - 1627
Colour UCV	Blank <1 Standard name DMR-0417-2017-Coul Result 89 Accuracy 97.7% Limit 67 - 107
Copper (Cu) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0982 Accuracy 98.2% Limit 0.0800 - 0.1200
Dissolved Copper (Cu) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1142 Accuracy 85.8% Limit 0.0800 - 0.1200
Cyanide W.A.D. mg/L	Blank <0.001 Standard name DMR-0343-CN Result 0.928 Accuracy 94.9% Limit 0.751 - 1.015
Total Cyanide (CNt) mg/L	Blank <0.001 Standard name DMR-0343-CN Result 1.26 Accuracy 93.2% Limit 1.003 - 1.357
Tin (Sn) mg/L	Blank <0.001 Standard name DMR-0310-2016-Sn Result 8.03 Accuracy 88.5% Limit 7.26 - 10.88
dissolved Tin (Sn) mg/L	Blank <0.001

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Quality control Report

Lab number: V-67090

Sample name: SLP RSF KIA

Sampling location: SLP RSF KIA

Sampling date: August 22, 2017

Sampling hour: 15:00

Parameter	
	Standard name DMR-0310-2016-Sn
	Result 6.45
	Accuracy 71.1%
	Limit 6.35 - 11.79
Iron (Fe) mg/L	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.08
	Accuracy 92%
	Limit 0.800 - 1.200
Dissolved Iron (Fe) mg/L	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.20
	Accuracy 80%
	Limit 0.800 - 1.200
Fluoride (F) mg/L	Blank <0.02
	Standard name DMR-0417-2017-F
	Result 2.29
	Accuracy 99.6%
	Limit 2.13 - 2.47
Lithium (Li) mg/L	Blank <0.005
Dissolved Lithium (Li) mg/L	Blank <0.005
Total Suspended Solids mg/L	Blank <1
	Standard name STD-MES 25mg/L
	Result 27
	Accuracy 92%
	Limit 19 - 31
Magnesium (Mg) mg/L	Blank <0.02
	Standard name C00-046-705_X_1000
	Result 0.98
	Accuracy 98%
	Limit 0.800 - 1.200
Dissolved Magnesium (Mg) mg/L	Blank <0.02
	Standard name C00-046-705_X_1000
	Result 1.18
	Accuracy 82%
	Limit 0.800 - 1.200
Manganese (Mn) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0918
	Accuracy 91.8%

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Quality control Report

Lab number: V-67090

Sample name: SLP RSF KIA

Sampling location: SLP RSF KIA

Sampling date: August 22, 2017

Sampling hour: 15:00

Parameter	
Dissolved Manganese (Mn) mg/L	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1156
	Accuracy 84.4%
Mercury (Hg) mg/L	Limit 0.0800 - 0.1200
	Blank <0.00001
	Standard name DMR-0343-2017-HgEu
	Result 0.00050
	Accuracy 71.4%
Dissolved Mercury (Hg) mg/L	Limit 0.00042 - 0.00098
	Blank <0.00001
	Standard name C00-046-705_X_1000
	Result 0.0861
	Accuracy 86.1%
Molybdenum (Mo) mg/L	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1103
	Accuracy 89.7%
Dissolved Molybdenum (Mo) mg/L	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0963
	Accuracy 96.3%
Nickel (Ni) mg/L	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1156
	Accuracy 84.4%
Dissolved Nickel (Ni) mg/L	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1156
	Accuracy 84.4%
Nitrate (NO ₃) mg N/L	Limit 0.0800 - 0.1200
	Blank <0.01
	Standard name DMR-0417-2017-NO ₂
	Result 2.71
	Accuracy 100%
Nitrite (NO ₂) mg N/L	Limit 2.30 - 3.12
	Blank <0.01
	Standard name DMR-0417-2017-OPO ₄
	Result 2.71
	Accuracy 100%
Ortho-Phosphate (O-PO ₄) mg P/	Limit 2.30 - 3.12
	Blank <0.01
	Standard name DMR-0417-2017-OPO ₄
	Result 2.71
	Accuracy 100%

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Quality control Report

Lab number: V-67090

Sample name: SLP RSF KIA

Sampling location: SLP RSF KIA

Sampling date: August 22, 2017

Sampling hour: 15:00

Parameter	
pH	Result 2.82
	Accuracy 88.4%
	Limit 2.81 - 3.57
	Standard name STD pH 7.0
	Result 7.00
Lead (Pb) mg/L	Accuracy 100%
	Limit 6.96 - 7.04
	Blank <0.0003
	Standard name C00-046-705_X_1000
	Result 0.0848
Dissolved Lead (Pb) mg/L	Accuracy 84.8%
	Limit 0.0800 - 0.1200
	Blank <0.0003
	Standard name C00-046-705_X_1000
	Result 0.0919
Potassium (K) mg/L	Accuracy 91.9%
	Limit 0.0800 - 0.1200
	Blank <0.05
	Standard name C00-046-705_X_1000
	Result 0.89
Selenium (Se) mg/L	Accuracy 89%
	Limit 0.800 - 1.200
	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.091
Dissolved Selenium (Se) mg/L	Accuracy 91%
	Limit 0.0800 - 0.1200
	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.113
Sodium (Na) mg/L	Accuracy 87%
	Limit 0.0800 - 0.1200
	Blank <0.05
	Standard name C00-046-705_X_1000
	Result 0.89
Strontium (Sr) mg/L	Accuracy 89%
	Limit 0.800 - 1.200
	Blank <0.005
	Blank <0.005
	Blank <0.6
dissolved Strontium (Sr) mg/L	
Sulfate (SO4) mg SO4/L	

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Quality control Report

Lab number: V-67090

Sample name: SLP RSF KIA

Sampling location: SLP RSF KIA

Sampling date: August 22, 2017

Sampling hour: 15:00

Parameter	
	Standard name DMR-0417-2017-SO4
	Result 116
	Accuracy 94.3%
	Limit 114 - 132
Tellurium (Te) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0967
	Accuracy 96.7%
	Limit 0.0800 - 0.1200
Thallium (Tl) mg/L	Blank <0.0008
Dissolved thallium (Tl) mg/L	Blank <0.0008
Thiocyanate (SCN) mg SCN/L	Blank <0.05
	Standard name STD SCN 568ppm
	Result 593
	Accuracy 95.6%
	Limit 398 - 738
	Sample duplicate <0.05-<0.05
Thiosulfates (S2O3) mg S2O3/L	Blank <0.02
	Standard name S2O3-225ppm
	Result 212
	Accuracy 94.2%
	Limit 158 - 293
Titanium (Ti) mg/L	Blank <0.01
Dissolved titanium (Ti) mg/L	Blank <0.01
Turbidity UTN	Standard name DMR-0417-2017-Turb
	Result 4.60
	Accuracy 88.6%
	Limit 4.41 - 5.97
Uranium (U) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.093
	Accuracy 93%
	Limit 0.0800 - 0.1200
Dissolved Uranium (U) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.113
	Accuracy 87%
	Limit 0.0800 - 0.1200
Vanadium (V) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000

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Quality control Report

Lab number: V-67090

Sample name: SLP RSF KIA

Sampling location: SLP RSF KIA

Sampling date: August 22, 2017

Sampling hour: 15:00

Parameter

	Result 0.0935
	Accuracy 93.5%
	Limit 0.0800 - 0.1200
Dissolved Vanadium mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000

	Result 0.1170
	Accuracy 83%
	Limit 0.0800 - 0.1200
Zinc (Zn) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000

	Result 0.094
	Accuracy 94%
	Limit 0.0800 - 0.1200
Dissolved Zinc mg/L	Blank <0.001
	Standard name C00-046-705_X_1000

	Result 0.107
	Accuracy 93%
	Limit 0.0800 - 0.1200

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Additional information

Lab number: V-67090

Sample name: SLP RSF KIA

Sampling location: SLP RSF KIA

Sampling date: August 22, 2017

Sampling hour: 15:00

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

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

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

Lab number: V-67093

Sampling location: ST-16 KIA DUP

Sampling date: August 22, 2017

Sample name: ST-16 KIA DUP

Sampling hour: 13:00

Sampled by: Fanny L. Isabelle C.

Date received: August 24, 2017

Matrix: Water

Drinking water distribution:

Reported on: September 13, 2017

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

Results relate only to the sample tested.

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

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Analytical Report

Lab number: V-67093

Sample name: ST-16 KIA DUP

Sampling location: ST-16 KIA DUP

Sampling date: August 22, 2017

Sampling hour: 13:00

Parameter	Result	Method name	Analysis date
Alkalinity	97 mg CaCO ₃ /L	M-TIT-1.0	August 24, 2017
Aluminium (Al)	0.025 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Antimony (Sb)	<0.0001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Antimony (Sb)	<0.0001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	<0.05 mg N/L	Sous-traitance\H2Lab inc. (SAM)	August 25, 2017
Kjeldahl nitrogen	1.3 mg N/L	Sous-traitance\H2Lab inc. (SAM)	August 25, 2017
Barium (Ba)	0.0152 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Barium (Ba)	0.0153 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
bicarbonate (HCO ₃)	97 mg CaCO ₃ /L	M-TIT-1.0	August 24, 2017
Boron (B)	0.02 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Bromides	0.08 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Calcium (Ca)	40.0 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Carbonate (CO ₃)	<2 mg CaCO ₃ /L	M-TIT-1.0	August 24, 2017
Dissolved Organic Carbon (D.O.C.)	9.4 mg/L	M-COT-1.0	August 24, 2017
Total Organic Carbon (T.O.C.)	9.4 mg/L	M-COT-1.0	August 24, 2017
Chlorophyll A	0.28 µg/L	Sous-traitance\H2Lab inc. (SAM)	September 05, 2017
Chloride	7.9 mg/L	Sous-traitance\Multilab Direct	August 28, 2017
Chrome (Cr)	0.0009 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Chromium (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Cobalt (Co)	0.0014 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Cobalt (Co)	0.0011 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Conductivity	461 µmhos/cm	M-TIT-1.0	August 24, 2017
Colour	16 Colour units	Sous-traitance\Multilab Direct	August 25, 2017
Copper (Cu)	0.0196 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Copper (Cu)	0.0140 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Cyanide W.A.D.	0.009 mg/L	Sous-traitance\Multilab Direct	September 05, 2017
Total Cyanide (CNT)	0.015 mg/L	Sous-traitance\Multilab Direct	September 05, 2017
Hardness	184 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	September 06, 2017
Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
dissolved Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017

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Analytical Report

Lab number: V-67093

Sample name: ST-16 KIA DUP

Sampling location: ST-16 KIA DUP

Sampling date: August 22, 2017

Sampling hour: 13:00

Parameter	Result	Method name	Analysis date
Iron (Fe)	0.30 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Iron (Fe)	0.15 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Fluoride (F)	0.23 mg/L	Sous-traitance\Multilab Direct	September 01, 2017
Lithium (Li)	0.051 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Dissolved Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Total Suspended Solids	4 mg/L	M-SOLI-1.0	August 25, 2017
Magnesium (Mg)	20.5 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Magnesium (Mg)	14.3 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Manganese (Mn)	0.1284 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Manganese (Mn)	0.1099 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Dissolved Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Molybdenum (Mo)	0.0078 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Molybdenum (Mo)	0.0077 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Ammonia NH3 (non-ionized)	<0.05 mg N/L	Sous-traitance\H2Lab inc. (SAM)	September 12, 2017
Nickel (Ni)	0.0193 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Nickel (Ni)	0.0154 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Nitrate (NO3)	6.05 mg N/L	Sous-traitance\Multilab Direct	August 30, 2017
Nitrite (NO2)	0.01 mg N/L	Sous-traitance\Multilab Direct	August 30, 2017
Ortho-Phosphate (O-PO4)	<0.01 mg P/L	Sous-traitance\Multilab Direct	August 25, 2017
Dissolved oxygen	8.6 mg/L	Sous-traitance\Multilab Direct	August 25, 2017
pH	7.54	M-TIT-1.0	August 24, 2017
Total Phosphorus (P) (Trace)	14 µg P/L	Sous-traitance\H2Lab inc. (SAM)	August 25, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Potassium (K)	8.35 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Selenium (Se)	0.001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Reactive silica (SiO2)	3.9 mg/L	Sous-traitance\Maxxam	August 29, 2017
Sodium (Na)	18.0 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Solids	307 mg/L	M-TIT-1.0	August 24, 2017
Strontium (Sr)	0.214 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
dissolved Strontium (Sr)	0.189 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Sulfate (SO4)	99.2 mg SO4/L	Sous-traitance\Multilab Direct	August 31, 2017
Tellurium (Te)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Dissolved thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	September 07, 2017
Thiocyanate (SCN)	<0.05 mg SCN/L	Sous-traitance\Multilab Direct	August 30, 2017
Thiosulfates (S2O3)	<0.02 mg S2O3/L	Sous-traitance\Multilab Direct	September 05, 2017
Titanium (Ti)	0.04 mg/L	Sous-traitance\Multilab Direct	September 06, 2017

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Analytical Report

Lab number: V-67093

Sample name: ST-16 KIA DUP

Sampling location: ST-16 KIA DUP

Sampling date: August 22, 2017

Sampling hour: 13:00

Parameter	Result	Method name	Analysis date
Dissolved titanium (Ti)	0.03 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Turbidity	2.57 NTU	Sous-traitance\Multilab Direct	August 25, 2017
Uranium (U)	0.004 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Uranium (U)	0.004 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Vanadium (V)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Vanadium	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Zinc (Zn)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017
Dissolved Zinc	<0.001 mg/L	Sous-traitance\Multilab Direct	September 06, 2017

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Detection limit

Lab number: V-67093

Sample name: ST-16 KIA DUP

Sampling location: ST-16 KIA DUP

Sampling date: August 22, 2017

Sampling hour: 13:00

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO ₃ /L	M-TIT-1.0	
Aluminium (Al)	0.003	mg/L	Sous-traitance	
Dissolved Aluminium (Al)	0.006	mg/L	Sous-traitance	
Antimony (Sb)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Antimony (Sb)	0.0001	mg/L	Sous-traitance	
Silver (Ag)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Silver (Ag)	0.0001	mg/L	Sous-traitance	
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Arsenic (As)	0.0005	mg/L	Sous-traitance	
Kjeldahl nitrogen	0.05	mg N/L	Sous-traitance	
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Barium (Ba)	0.0005	mg/L	Sous-traitance	
Beryllium (Be)	0.0005	mg/L	Sous-traitance	
Dissolved Beryllium (Be)	0.0005	mg/L	Sous-traitance	
bicarbonate (HCO ₃)	2	mg CaCO ₃ /L	M-TIT-1.0	
Boron (B)	0.01	mg/L	Sous-traitance	Yes
Dissolved Boron (B)	0.006	mg/L	Sous-traitance	
Bromides	0.01	mg/L	Sous-traitance	
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Dissolved Cadmium (Cd)	0.00002	mg/L	Sous-traitance	
Calcium (Ca)	0.03	mg/L	Sous-traitance	Yes
Carbonate (CO ₃)	2	mg CaCO ₃ /L	M-TIT-1.0	
Dissolved Organic Carbon (D.O.C.)	0.2	mg/L	M-COT-1.0	--
Total Organic Carbon (T.O.C.)	0.2	mg/L	M-COT-1.0	Yes
Chlorophyll A	0.13	µg/L	Sous-traitance	
Chloride	0.5	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Dissolved Chromium (Cr)	0.0006	mg/L	Sous-traitance	
Cobalt (Co)	0.0005	mg/L	Sous-traitance	
Dissolved Cobalt (Co)	0.0005	mg/L	Sous-traitance	
Conductivity	1	µmhos/cm	M-TIT-1.0	Yes
Colour	1	UCV	Sous-traitance	Yes
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Copper (Cu)	0.0005	mg/L	Sous-traitance	
Cyanide W.A.D.	0.001	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO ₃ /L	Sous-traitance	
Tin (Sn)	0.001	mg/L	Sous-traitance	Yes
dissolved Tin (Sn)	0.001	mg/L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes

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Detection limit

Lab number: V-67093

Sample name: ST-16 KIA DUP

Sampling location: ST-16 KIA DUP

Sampling date: August 22, 2017

Sampling hour: 13:00

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

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

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Detection limit

Lab number: V-67093

Sample name: ST-16 KIA DUP

Sampling location: ST-16 KIA DUP

Sampling date: August 22, 2017

Sampling hour: 13:00

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

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Quality control Report

Lab number: V-67093

Sample name: ST-16 KIA DUP

Sampling location: ST-16 KIA DUP

Sampling date: August 22, 2017

Sampling hour: 13:00

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 155 Accuracy 93.1% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006 Standard name C00-046-705_X_1000 Result 0.882 Accuracy 88.2% Limit 0.800 - 1.200
Dissolved Aluminium (Al) mg/L	Blank <0.006 Standard name C00-046-705_X_1000 Result 0.835 Accuracy 83.5% Limit 0.800 - 1.200
Antimony (Sb) mg/L	Blank <0.0001 Standard name C00-046-705_X_1000 Result 0.0112 Accuracy 88% Limit 0.0080 - 0.0120
Dissolved Antimony (Sb) mg/L	Blank <0.0001 Standard name C00-046-705_X_1000 Result 0.0085 Accuracy 85% Limit 0.0080 - 0.0120
Silver (Ag) mg/L	Blank <0.0001 Standard name DMR-0343-2017-Ag Result 0.6647 Accuracy 82.9% Limit 0.642 - 0.962
Dissolved Silver (Ag) mg/L	Blank <0.0001 Standard name DMR-0343-2017-Ag Result 0.7084 Accuracy 88.3% Limit 0.642 - 0.962
Arsenic (As) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0922 Accuracy 92.2% Limit 0.0700 - 0.1300
Dissolved Arsenic (As) mg/L	Blank <0.0005

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Quality control Report

Lab number: V-67093

Sample name: ST-16 KIA DUP

Sampling location: ST-16 KIA DUP

Sampling date: August 22, 2017

Sampling hour: 13:00

Parameter	
	Standard name C00-046-705_X_1000
	Result 0.0957
	Accuracy 95.7%
	Limit 0.0800 - 0.1200
Barium (Ba) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0872
	Accuracy 87.2%
	Limit 0.0800 - 0.1200
Dissolved Barium (Ba) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0971
	Accuracy 97.1%
	Limit 0.0800 - 0.1200
Beryllium (Be) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0926
	Accuracy 92.6%
	Limit 0.0800 - 0.1200
Dissolved Beryllium (Be) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0989
	Accuracy 98.9%
	Limit 0.0800 - 0.1200
Boron (B) mg/L	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.03
	Accuracy 97%
	Limit 0.800 - 1.200
Dissolved Boron (B) mg/L	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.07
	Accuracy 93%
	Limit 0.800 - 1.200
Bromides mg/L	Blank <0.01
	Standard name DMR-0119-2017-Br
	Result 5.20
	Accuracy 92.4%
	Limit 4.50 - 6.76
Cadmium (Cd) mg/L	Blank <0.00002

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Quality control Report

Lab number: V-67093

Sample name: ST-16 KIA DUP

Sampling location: ST-16 KIA DUP

Sampling date: August 22, 2017

Sampling hour: 13:00

Parameter	
	Standard name C00-046-705_X_1000
	Result 0.08540
	Accuracy 85.4%
	Limit 0.0800 - 0.1200
Dissolved Cadmium (Cd) mg/L	Blank <0.00002
	Standard name C00-046-705_X_1000
	Result 0.08929
	Accuracy 89.3%
	Limit 0.0800 - 0.1200
Calcium (Ca) mg/L	Blank <0.03
	Standard name C00-046-705_X_1000
	Result 0.86
	Accuracy 86%
	Limit 0.800 - 1.200
Dissolved Organic Carbon (D.O.C.) mg/L	Blank <0.2
	Standard name COD 10mg/L
	Result 11
	Accuracy 90%
	Limit 8 - 12
Total Organic Carbon (T.O.C.) mg/L	Blank <0.2
	Standard name COT 10mg/L
	Result 11
	Accuracy 90%
	Limit 8 - 12
Chloride mg/L	Blank <0.5
	Standard name DMR-0417-2017-Cl
	Result 112
	Accuracy 96.3%
	Limit 95 - 121
Chrome (Cr) mg/L	Blank <0.0006
	Standard name C00-046-705_X_1000
	Result 0.0956
	Accuracy 95.6%
	Limit 0.0800 - 0.1200
Dissolved Chromium (Cr) mg/L	Blank <0.0006
	Standard name C00-046-705_X_1000
	Result 0.1004
	Accuracy 99.6%
	Limit 0.0800 - 0.1200
Cobalt (Co) mg/L	Blank <0.0005

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Quality control Report

Lab number: V-67093

Sample name: ST-16 KIA DUP

Sampling location: ST-16 KIA DUP

Sampling date: August 22, 2017

Sampling hour: 13:00

Parameter	
	Standard name C00-046-705_X_1000
	Result 0.0941
	Accuracy 94.1%
	Limit 0.0800 - 0.1200
Dissolved Cobalt (Co) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0987
	Accuracy 98.7%
	Limit 0.0800 - 0.1200
Conductivity µmhos/cm	Standard name STD cond maison
	Result 1406
	Accuracy 99.4%
	Limit 1203 - 1627
Colour UCV	Blank <1
	Standard name DMR-0417-2017-Coul
	Result 89
	Accuracy 97.7%
	Limit 67 - 107
Copper (Cu) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1006
	Accuracy 99.4%
	Limit 0.0800 - 0.1200
Dissolved Copper (Cu) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1056
	Accuracy 94.4%
	Limit 0.0800 - 0.1200
Cyanide W.A.D. mg/L	Blank <0.001
	Standard name DMR-0343-CN
	Result 0.952
	Accuracy 92.2%
	Limit 0.751 - 1.015
Total Cyanide (CNT) mg/L	Blank <0.001
	Standard name DMR-0343-CN
	Result 1.27
	Accuracy 92.4%
	Limit 1.003 - 1.357
Tin (Sn) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000

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Quality control Report

Lab number: V-67093

Sample name: ST-16 KIA DUP

Sampling location: ST-16 KIA DUP

Sampling date: August 22, 2017

Sampling hour: 13:00

Parameter	
dissolved Tin (Sn) mg/L	Result 0.086
	Accuracy 86%
	Limit 0.0800 - 0.1200
	Blank <0.001
	Standard name C00-046-705_X_1000
Iron (Fe) mg/L	Result 0.087
	Accuracy 87%
	Limit 0.0700 - 0.1300
	Blank <0.01
	Standard name C00-046-705_X_1000
Dissolved Iron (Fe) mg/L	Result 0.92
	Accuracy 92%
	Limit 0.800 - 1.200
	Blank <0.01
	Standard name C00-046-705_X_1000
Fluoride (F) mg/L	Result 1.02
	Accuracy 98%
	Limit 0.800 - 1.200
	Blank <0.02
	Standard name DMR-0417-2017-F
Lithium (Li) mg/L	Result 2.29
	Accuracy 99.6%
	Limit 2.13 - 2.47
	Blank <0.005
	Blank <0.005
Dissolved Lithium (Li) mg/L	Blank <1
	Standard name STD-MES 25mg/L
	Result 27
	Accuracy 92%
	Limit 19 - 31
Total Suspended Solids mg/L	Blank <0.02
	Standard name C00-046-705_X_1000
	Result 0.97
	Accuracy 97%
	Limit 0.800 - 1.200
Dissolved Magnesium (Mg) mg/L	Blank <0.02
	Standard name C00-046-705_X_1000
	Result 0.94
	Accuracy 94%
	Limit 0.800 - 1.200

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Quality control Report

Lab number: V-67093

Sample name: ST-16 KIA DUP

Sampling location: ST-16 KIA DUP

Sampling date: August 22, 2017

Sampling hour: 13:00

Parameter	
Manganese (Mn) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0904 Accuracy 90.4% Limit 0.0800 - 0.1200
Dissolved Manganese (Mn) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0943 Accuracy 94.3% Limit 0.0800 - 0.1200
Mercury (Hg) mg/L	Blank <0.00001 Standard name DMR-0343-2017-HgEu Result 0.00050 Accuracy 71.4% Limit 0.00042 - 0.00098
Dissolved Mercury (Hg) mg/L	Blank <0.00001
Molybdenum (Mo) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0829 Accuracy 82.9% Limit 0.0800 - 0.1200
Dissolved Molybdenum (Mo) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0864 Accuracy 86.4% Limit 0.0800 - 0.1200
Nickel (Ni) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0921 Accuracy 92.1% Limit 0.0800 - 0.1200
Dissolved Nickel (Ni) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0969 Accuracy 96.9% Limit 0.0800 - 0.1200
Nitrate (NO3) mg N/L	Blank <0.01
Nitrite (NO2) mg N/L	Blank <0.01 Standard name DMR-0417-2017-NO2 Result 2.71

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Quality control Report

Lab number: V-67093

Sample name: ST-16 KIA DUP

Sampling location: ST-16 KIA DUP

Sampling date: August 22, 2017

Sampling hour: 13:00

Parameter	
Ortho-Phosphate (O-PO ₄) mg P/	Accuracy 100%
	Limit 2.30 - 3.12
	Blank <0.01
	Standard name DMR-0417-2017-OPO ₄
	Result 2.82
pH	Accuracy 88.4%
	Limit 2.81 - 3.57
	Standard name STD pH 7.0
	Result 7.00
Lead (Pb) mg/L	Accuracy 100%
	Limit 6.96 - 7.04
	Blank <0.0003
	Standard name C00-046-705_X_1000
	Result 0.0872
Dissolved Lead (Pb) mg/L	Accuracy 87.2%
	Limit 0.0800 - 0.1200
	Blank <0.0003
	Standard name C00-046-705_X_1000
	Result 0.0909
Potassium (K) mg/L	Accuracy 90.9%
	Limit 0.0800 - 0.1200
	Blank <0.05
	Standard name C00-046-705_X_1000
	Result 1.02
Selenium (Se) mg/L	Accuracy 98%
	Limit 0.800 - 1.200
	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.091
Dissolved Selenium (Se) mg/L	Accuracy 91%
	Limit 0.0800 - 0.1200
	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.094
Sodium (Na) mg/L	Accuracy 94%
	Limit 0.0800 - 0.1200
	Blank <0.05
	Standard name C00-046-705_X_1000
	Result 1.02
	Accuracy 98%

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Quality control Report

Lab number: V-67093

Sample name: ST-16 KIA DUP

Sampling location: ST-16 KIA DUP

Sampling date: August 22, 2017

Sampling hour: 13:00

Parameter	
Strontium (Sr) mg/L dissolved Strontium (Sr) mg/L Sulfate (SO4) mg SO4/L	Limit 0.800 - 1.200
	Blank <0.005
	Blank <0.005
	Blank <0.6
Standard name DMR-0417-2017-SO4	
Tellurium (Te) mg/L	Result 120
	Accuracy 97.6%
	Limit 114 - 132
	Sample duplicate 99.2-101
Thallium (Tl) mg/L Dissolved thallium (Tl) mg/L Thiocyanate (SCN) mg SCN/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0897
	Accuracy 89.7%
Thiosulfates (S2O3) mg S2O3/L	Limit 0.0800 - 0.1200
	Blank <0.0008
	Blank <0.0008
	Blank <0.05
Standard name STD SCN 568ppm	
Titanium (Ti) mg/L Dissolved titanium (Ti) mg/L Turbidity UTN	Result 593
	Accuracy 95.6%
	Limit 398 - 738
	Blank <0.02
Uranium (U) mg/L	Standard name S2O3-225ppm
	Result 212
	Accuracy 94.2%
	Limit 158 - 293
Dissolved Uranium (U) mg/L	Blank <0.01
	Blank <0.01
	Standard name DMR-0417-2017-Turb
	Result 4.60
Dissolved Uranium (U) mg/L	Accuracy 88.6%
	Limit 4.41 - 5.97
	Blank <0.001
	Standard name C00-046-705_X_1000
Dissolved Uranium (U) mg/L	Result 0.097
	Accuracy 97%
	Limit 0.0800 - 0.1200
	Blank <0.001
Dissolved Uranium (U) mg/L	Standard name C00-046-705_X_1000
	Result 0.099

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Additional information

Lab number: V-67093

Sample name: ST-16 KIA DUP

Sampling location: ST-16 KIA DUP

Sampling date: August 22, 2017

Sampling hour: 13:00

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

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

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

Lab number: V-67393

Sampling location: ST-EEM-2a TPS FB N65 04.11,9W95 59.52,7

Sampling date: August 28, 2017

Sample name: ST-EEM-2 TPS FB

Sampling hour: 17:00

Sampled by: Eric F. Pat A.

Date received: August 30, 2017

Matrix: Waste Water

Drinking water distribution:

Corrected certificate, replacing the certificate V-67393 done on September 13 2017

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

Results relate only to the sample tested.

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

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Analytical Report

Lab number: V-67393

Sample name: ST-EEM-2 TPS FB

Sampling date: August 28, 2017

Sampling location: ST-EEM-2a TPS FB N65 04.11,9W95 59.52,7

Sampling hour: 17:00

Parameter	Result	Method name	Analysis date
Alkalinity	2 mg CaCO ₃ /L	M-TIT-1.0	August 30, 2017
Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	September 11, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	<0.01 mg N/L	Sous-traitance\H2Lab inc. (SAM)	August 31, 2017
Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	September 11, 2017
Hardness	<1 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	September 11, 2017
Iron (Fe)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 11, 2017
Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	September 12, 2017
Molybdenum (Mo)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 11, 2017
Ammonia NH ₃ (non-ionized)	<0.01 mg N/L	Sous-traitance\Multilab Direct	August 31, 2017
Nitrate (NO ₃)	<0.01 mg N/L	Sous-traitance\Multilab Direct	September 01, 2017
Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 11, 2017
Total Cyanide (CNT)	0.003 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 11, 2017
Copper (Cu)	0.0339 mg/L	Sous-traitance\Multilab Direct	September 11, 2017
Nickel (Ni)	0.0006 mg/L	Sous-traitance\Multilab Direct	September 11, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	September 11, 2017
Zinc (Zn)	0.017 mg/L	Sous-traitance\Multilab Direct	September 11, 2017
Total Suspended Solids	<1 mg/L	M-SOLI-1.0	September 19, 2017
Copper (Cu)	0.0371 mg/L	Sous-traitance\Multilab Direct	September 19, 2017

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Detection limit

Lab number: V-67393

Sample name: ST-EEM-2 TPS FB

Sampling date: August 28, 2017

Sampling location: ST-EEM-2a TPS FB N65 04.11,9W95 59.52,7

Sampling hour: 17:00

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO ₃ /L	M-TIT-1.0	
Aluminium (Al)	0.003	mg/L	Sous-traitance	
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO ₃ /L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
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
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes

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Quality control Report

Lab number: V-67393

Sample name: ST-EEM-2 TPS FB

Sampling date: August 28, 2017

Sampling location: ST-EEM-2a TPS FB N65 04.11,9W95 59.52,7

Sampling hour: 17:00

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 141 Accuracy 97.2% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006 Standard name C00-046-705_X_1000 Result 1.18 Accuracy 82% Limit 0.800 - 1.200
Arsenic (As) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0907 Accuracy 90.7% Limit 0.0700 - 0.1300
Cadmium (Cd) mg/L	Blank <0.00002 Standard name C00-046-705_X_1000 Result 0.09669 Accuracy 96.7% Limit 0.0800 - 0.1200
Copper (Cu) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1011 Accuracy 98.9% Limit 0.0800 - 0.1200
Total Cyanide (CNt) mg/L	Blank <0.001 Standard name DMR-0343-CN Result 1.22 Accuracy 96.6% Limit 1.003 - 1.357
Iron (Fe) mg/L	Blank <0.01 Standard name C00-046-705_X_1000 Result 1.09 Accuracy 91% Limit 0.800 - 1.200
Total Suspended Solids mg/L	Blank <1 Standard name STD-MES 25mg/L Result 22 Accuracy 88% Limit 19 - 31
Mercury (Hg) mg/L	Blank <0.00001

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Quality control Report

Lab number: V-67393

Sample name: ST-EEM-2 TPS FB

Sampling date: August 28, 2017

Sampling location: ST-EEM-2a TPS FB N65 04.11,9W95 59.52,7

Sampling hour: 17:00

Parameter

	Standard name DMR-0343-2017-HgEu
	Result 0.00043
	Accuracy 61.4%
	Limit 0.00042 - 0.00098
Molybdenum (Mo) mg/L	Blank <0.0005

	Standard name C00-046-705_X_1000
	Result 0.0925
	Accuracy 92.5%
	Limit 0.0800 - 0.1200
Ammonia NH3 (non-ionized) mg	Blank <0.01

Nickel (Ni) mg/L	Blank <0.0005
------------------	---------------

	Standard name C00-046-705_X_1000
	Result 0.0981
	Accuracy 98.1%
	Limit 0.0800 - 0.1200

Nitrate (NO3) mg N/L	Blank <0.01
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Lead (Pb) mg/L	Blank <0.0003
	Standard name C00-046-705_X_1000
	Result 0.0907
	Accuracy 90.7%
	Limit 0.0800 - 0.1200

Selenium (Se) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.097
	Accuracy 97%

	Limit 0.0800 - 0.1200
Zinc (Zn) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.105
	Accuracy 95%
	Limit 0.0800 - 0.1200

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

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Additional information

Lab number: V-67393

Sample name: ST-EEM-2 TPS FB

Sampling date: August 28, 2017

Sampling location: ST-EEM-2a TPS FB N65 04.11,9W95 59.52,7

Sampling hour: 17:00

Delay exceeded, results as an indication only, for the following parameter : TSS

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

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

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

Lab number: V-67392

Sampling location: ST-EEM-2a TPS DUP N65 04.11,9W95 59.52,7

Sampling date: August 28, 2017

Sample name: ST-EEM-2 TPS DUP

Sampling hour: 17:00

Sampled by: Eric F. Pat A.

Date received: August 30, 2017

Matrix: Waste Water

Corrected certificate, replacing the certificate V-67392 done on September 13 2017

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

Results relate only to the sample tested.

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

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

Lab number: V-67392

Sample name: ST-EEM-2 TPS DUP

Sampling date: August 28, 2017

Sampling location: ST-EEM-2a TPS DUP N65 04.11,9W95 59.52,7

Sampling hour: 17:00

Parameter	Result	Method name	Analysis date
Alkalinity	7 mg CaCO ₃ /L	M-TIT-1.0	August 30, 2017
Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	September 11, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	<0.01 mg N/L	Sous-traitance\H2Lab inc. (SAM)	August 31, 2017
Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	September 11, 2017
Hardness	<1 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	September 11, 2017
Iron (Fe)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 11, 2017
Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	September 12, 2017
Molybdenum (Mo)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 11, 2017
Ammonia NH ₃ (non-ionized)	<0.01 mg N/L	Sous-traitance\Multilab Direct	August 31, 2017
Nitrate (NO ₃)	0.02 mg N/L	Sous-traitance\Multilab Direct	September 01, 2017
Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 11, 2017
Total Cyanide (CNT)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 11, 2017
Copper (Cu)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 11, 2017
Nickel (Ni)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 11, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	September 11, 2017
Zinc (Zn)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 11, 2017
Total Suspended Solids	<1 mg/L	M-SOLI-1.0	September 19, 2017

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

Lab number: V-67392

Sample name: ST-EEM-2 TPS DUP

Sampling date: August 28, 2017

Sampling location: ST-EEM-2a TPS DUP N65 04.11,9W95 59.52,7

Sampling hour: 17:00

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO ₃ /L	M-TIT-1.0	
Aluminium (Al)	0.003	mg/L	Sous-traitance	
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO ₃ /L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
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
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes

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

Lab number: V-67392

Sample name: ST-EEM-2 TPS DUP

Sampling date: August 28, 2017

Sampling location: ST-EEM-2a TPS DUP N65 04.11,9W95 59.52,7

Sampling hour: 17:00

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 141 Accuracy 97.2% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006 Standard name C00-046-705_X_1000 Result 1.18 Accuracy 82% Limit 0.800 - 1.200
Arsenic (As) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0907 Accuracy 90.7% Limit 0.0700 - 0.1300
Cadmium (Cd) mg/L	Blank <0.00002 Standard name C00-046-705_X_1000 Result 0.09669 Accuracy 96.7% Limit 0.0800 - 0.1200
Copper (Cu) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1011 Accuracy 98.9% Limit 0.0800 - 0.1200
Total Cyanide (CNt) mg/L	Blank <0.001 Standard name DMR-0343-CN Result 1.22 Accuracy 96.6% Limit 1.003 - 1.357
Iron (Fe) mg/L	Blank <0.01 Standard name C00-046-705_X_1000 Result 1.09 Accuracy 91% Limit 0.800 - 1.200
Total Suspended Solids mg/L	Blank <1 Standard name STD-MES 25mg/L Result 22 Accuracy 88% Limit 19 - 31
Mercury (Hg) mg/L	Blank <0.00001

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

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Quality control Report

Lab number: V-67392

Sample name: ST-EEM-2 TPS DUP

Sampling date: August 28, 2017

Sampling location: ST-EEM-2a TPS DUP N65 04.11,9W95 59.52,7

Sampling hour: 17:00

Parameter

	Standard name DMR-0343-2017-HgEu
	Result 0.00043
	Accuracy 61.4%
	Limit 0.00042 - 0.00098
Molybdenum (Mo) mg/L	Blank <0.0005

	Standard name C00-046-705_X_1000
	Result 0.0925
	Accuracy 92.5%
	Limit 0.0800 - 0.1200
Ammonia NH3 (non-ionized) mg N/L	Blank <0.01

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

Nitrate (NO3) mg N/L	Blank <0.01
Lead (Pb) mg/L	Blank <0.0003
	Standard name C00-046-705_X_1000
	Result 0.0907
	Accuracy 90.7%
	Limit 0.0800 - 0.1200

Selenium (Se) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.097
	Accuracy 97%
	Limit 0.0800 - 0.1200

Zinc (Zn) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.105
	Accuracy 95%
	Limit 0.0800 - 0.1200

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Additional information

Lab number: V-67392

Sample name: ST-EEM-2 TPS DUP

Sampling location: ST-EEM-2a TPS DUP N65 04.11,9W95 59.52,7

Sampling date: August 28, 2017

Sampling hour: 17:00

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

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

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

Lab number: V-67393

Sampling location: ST-EEM-2a TPS FB N65 04.11,9W95 59.52,7

Sampling date: August 28, 2017

Sample name: ST-EEM-2 TPS FB

Sampling hour: 17:00

Sampled by: Eric F. Pat A.

Date received: August 30, 2017

Matrix: Waste Water

Corrected certificate, replacing the certificate V-67393 done on September 13 2017

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

Results relate only to the sample tested.

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

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

Lab number: V-67393

Sample name: ST-EEM-2 TPS FB

Sampling date: August 28, 2017

Sampling location: ST-EEM-2a TPS FB N65 04.11,9W95 59.52,7

Sampling hour: 17:00

Parameter	Result	Method name	Analysis date
Alkalinity	2 mg CaCO ₃ /L	M-TIT-1.0	August 30, 2017
Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	September 11, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	<0.01 mg N/L	Sous-traitance\H2Lab inc. (SAM)	August 31, 2017
Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	September 11, 2017
Hardness	<1 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	September 11, 2017
Iron (Fe)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 11, 2017
Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	September 12, 2017
Molybdenum (Mo)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 11, 2017
Ammonia NH ₃ (non-ionized)	<0.01 mg N/L	Sous-traitance\Multilab Direct	August 31, 2017
Nitrate (NO ₃)	<0.01 mg N/L	Sous-traitance\Multilab Direct	September 01, 2017
Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 11, 2017
Total Cyanide (CNT)	0.003 mg/L	Sous-traitance\Multilab Direct	September 08, 2017
Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 11, 2017
Copper (Cu)	0.0339 mg/L	Sous-traitance\Multilab Direct	September 11, 2017
Nickel (Ni)	0.0006 mg/L	Sous-traitance\Multilab Direct	September 11, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	September 11, 2017
Zinc (Zn)	0.017 mg/L	Sous-traitance\Multilab Direct	September 11, 2017
Total Suspended Solids	<1 mg/L	M-SOLI-1.0	September 19, 2017

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

Lab number: V-67393

Sample name: ST-EEM-2 TPS FB

Sampling date: August 28, 2017

Sampling location: ST-EEM-2a TPS FB N65 04.11,9W95 59.52,7

Sampling hour: 17:00

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO ₃ /L	M-TIT-1.0	
Aluminium (Al)	0.003	mg/L	Sous-traitance	
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO ₃ /L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
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
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes

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

Lab number: V-67393

Sample name: ST-EEM-2 TPS FB

Sampling date: August 28, 2017

Sampling location: ST-EEM-2a TPS FB N65 04.11,9W95 59.52,7

Sampling hour: 17:00

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 141 Accuracy 97.2% Limit 123 - 167 Blank <0.006
Aluminium (Al) mg/L	Standard name C00-046-705_X_1000 Result 1.18 Accuracy 82% Limit 0.800 - 1.200 Blank <0.0005
Arsenic (As) mg/L	Standard name C00-046-705_X_1000 Result 0.0907 Accuracy 90.7% Limit 0.0700 - 0.1300 Blank <0.00002
Cadmium (Cd) mg/L	Standard name C00-046-705_X_1000 Result 0.09669 Accuracy 96.7% Limit 0.0800 - 0.1200 Blank <0.0005
Copper (Cu) mg/L	Standard name C00-046-705_X_1000 Result 0.1011 Accuracy 98.9% Limit 0.0800 - 0.1200 Blank <0.001
Total Cyanide (CNt) mg/L	Standard name DMR-0343-CN Result 1.22 Accuracy 96.6% Limit 1.003 - 1.357 Blank <0.01
Iron (Fe) mg/L	Standard name C00-046-705_X_1000 Result 1.09 Accuracy 91% Limit 0.800 - 1.200 Blank <1
Total Suspended Solids mg/L	Standard name STD-MES 25mg/L Result 22 Accuracy 88% Limit 19 - 31 Blank <0.00001
Mercury (Hg) mg/L	

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

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Quality control Report

Lab number: V-67393

Sample name: ST-EEM-2 TPS FB

Sampling date: August 28, 2017

Sampling location: ST-EEM-2a TPS FB N65 04.11,9W95 59.52,7

Sampling hour: 17:00

Parameter

	Standard name DMR-0343-2017-HgEu
	Result 0.00043
	Accuracy 61.4%
	Limit 0.00042 - 0.00098
Molybdenum (Mo) mg/L	Blank <0.0005

	Standard name C00-046-705_X_1000
	Result 0.0925
	Accuracy 92.5%
	Limit 0.0800 - 0.1200
Ammonia NH3 (non-ionized) mg N/L	Blank <0.01

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

Nitrate (NO3) mg N/L	Blank <0.01
Lead (Pb) mg/L	Blank <0.0003
	Standard name C00-046-705_X_1000
	Result 0.0907
	Accuracy 90.7%
	Limit 0.0800 - 0.1200

Selenium (Se) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.097
	Accuracy 97%
	Limit 0.0800 - 0.1200

Zinc (Zn) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.105
	Accuracy 95%
	Limit 0.0800 - 0.1200

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

Lab number: V-67393

Sample name: ST-EEM-2 TPS FB

Sampling location: ST-EEM-2a TPS FB N65 04.11,9W95 59.52,7

Sampling date: August 28, 2017

Sampling hour: 17:00

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

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

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