



Analytical Report

Lab number: V-68067

Sample name: KIA-SPL

Sampling location: SP

Sampling date: September 13, 2017

Sampling hour: 11:00

Parameter	Result	Method name	Analysis date
Iron (Fe)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Iron (Fe)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Fluoride (F)	0.08 mg/L	Sous-traitance\Multilab Direct	October 28, 2017
Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	October 03, 2017
Dissolved Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	October 03, 2017
Total Suspended Solids	4 mg/L	M-SOLI-1.0	September 18, 2017
Magnesium (Mg)	1.21 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Magnesium (Mg)	1.11 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Manganese (Mn)	0.0020 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Manganese (Mn)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Dissolved Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Molybdenum (Mo)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Molybdenum (Mo)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Ammonia NH3 (non-ionized)	<0.01 mg N/L	Sous-traitance\H2Lab inc. (SAM)	September 29, 2017
Nickel (Ni)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Nickel (Ni)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Nitrate (NO3)	<0.01 mg N/L	Sous-traitance\Multilab Direct	September 20, 2017
Nitrite (NO2)	<0.01 mg N/L	Sous-traitance\Multilab Direct	September 20, 2017
Ortho-Phosphate (O-PO4)	<0.01 mg P/L	Sous-traitance\Multilab Direct	September 21, 2017
Dissolved oxygen	10.1 mg/L	Sous-traitance\Multilab Direct	September 19, 2017
pH	7.44	M-TIT-1.0	September 15, 2017
Total Phosphorus (P)	<0.04 mg P/L	Sous-traitance\H2Lab inc. (SAM)	September 18, 2017
Total Phosphorus (P) (Trace)	3.2 µg P/L	Sous-traitance\H2Lab inc. (SAM)	September 21, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Potassium (K)	0.45 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Selenium (Se)	0.001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Reactive silica (SiO2)	0.25 mg/L	Sous-traitance\Maxxam	September 25, 2017
Sodium (Na)	0.79 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Solids	30 mg/L	M-TIT-1.0	September 15, 2017
Strontium (Sr)	0.015 mg/L	Sous-traitance\Multilab Direct	October 03, 2017
dissolved Strontium (Sr)	0.015 mg/L	Sous-traitance\Multilab Direct	October 03, 2017
Sulfate (SO4)	6.4 mg SO4/L	Sous-traitance\Multilab Direct	September 20, 2017
Tellurium (Te)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	October 03, 2017
Dissolved thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	October 03, 2017
Thiocyanate (SCN)	0.17 mg SCN/L	Sous-traitance\Multilab Direct	September 21, 2017
Thiosulfates (S2O3)	<0.02 mg S2O3/L	Sous-traitance\Multilab Direct	September 22, 2017

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Analytical Report

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Sampling location: SP

Sampling date: September 13, 2017

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Parameter	Result	Method name	Analysis date
Titanium (Ti)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved titanium (Ti)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Turbidity	0.71 NTU	Sous-traitance\Multilab Direct	September 19, 2017
Uranium (U)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Uranium (U)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Vanadium (V)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Vanadium	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Zinc (Zn)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Zinc	<0.001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017

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Detection limit

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Sample name: KIA-SPL

Sampling location: SP

Sampling date: September 13, 2017

Sampling hour: 11:00

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

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

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

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Quality control Report

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Sampling location: SP

Sampling date: September 13, 2017

Sampling hour: 11:00

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

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

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

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

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

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Parameter	
Dissolved Mercury (Hg) mg/L	Accuracy 77.7%
	Limit 0.0026 - 0.0060
	Blank <0.00001
	Standard name DMR-0426-2016-HgEu-1
	Result 0.00299
Molybdenum (Mo) mg/L	Accuracy 69.5%
	Limit 0.0026 - 0.0060
	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu
	Result 0.7125
Dissolved Molybdenum (Mo) mg/L	Accuracy 99.4%
	Limit 0.566 - 0.850
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1016
Nickel (Ni) mg/L	Accuracy 98.4%
	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu
	Result 1.095
Dissolved Nickel (Ni) mg/L	Accuracy 96.1%
	Limit 0.91 - 1.37
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0915
Nitrate (NO ₃) mg N/L	Accuracy 91.5%
	Limit 0.0800 - 0.1200
	Blank <0.01
	Blank <0.01
	Standard name DMR-0417-2017-NO2
Nitrite (NO ₂) mg N/L	Result 2.65
	Accuracy 97.8%
	Limit 2.30 - 3.12
	Blank <0.01
	Standard name DMR-0417-2017-OPO4
Ortho-Phosphate (O-PO ₄) mg P/	Result 3.28
	Accuracy 97.2%
	Limit 2.81 - 3.57
	Standard name STD pH 7.0
	Result 7.03
pH	

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Parameter	
Lead (Pb) mg/L	Accuracy 99.6%
	Limit 6.96 - 7.04
	Blank <0.0003
	Standard name DMR-0476-2017-22-Eu
	Result 0.9364
Dissolved Lead (Pb) mg/L	Accuracy 96.3%
	Limit 0.722 - 1.084
	Blank <0.0003
	Standard name C00-046-705_X_1000
	Result 0.0986
Potassium (K) mg/L	Accuracy 98.6%
	Limit 0.0800 - 0.1200
	Standard name C00-046-705_X_1000
	Result 0.93
	Accuracy 93%
Selenium (Se) mg/L	Limit 0.800 - 1.200
	Blank <0.001
	Standard name DMR-0476-2017-22-Eu
	Result 1.48
	Accuracy 90.4%
Dissolved Selenium (Se) mg/L	Limit 1.08 - 1.62
	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.101
	Accuracy 99%
Strontium (Sr) mg/L	Limit 0.0800 - 0.1200
	Blank <0.005
dissolved Strontium (Sr) mg/L	Blank <0.005
	Blank <0.6
Sulfate (SO4) mg SO4/L	Standard name DMR-0417-2017-SO4
	Result 125
Tellurium (Te) mg/L	Accuracy 98.4%
	Limit 114 - 132
	Standard name C00-046-705_X_1000
	Result 0.0877
	Accuracy 87.7%
Thallium (Tl) mg/L	Limit 0.0800 - 0.1200
	Blank <0.0008
	Standard name TI-S140909023-1000ppm
	Result 838

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Sampling hour: 11:00

Parameter	
Dissolved thallium (Tl) mg/L	Accuracy 83.8%
	Limit 800 - 1200
	Blank <0.0008
	Standard name Tl-S140909023-1000ppm
	Result 838
Thiocyanate (SCN) mg SCN/L	Accuracy 83.8%
	Limit 800 - 1200
	Blank <0.05
	Standard name STD SCN 568ppm
	Result 594
Thiosulfates (S2O3) mg S2O3/L	Accuracy 95.4%
	Limit 398 - 738
	Blank <0.02
	Standard name S2O3-225ppm
	Result 270
Titanium (Ti) mg/L	Accuracy 80%
	Limit 158 - 293
	Blank <0.01
	Blank <0.01
	Standard name DMR-0417-2017-Turb
Uranium (U) mg/L	Result 5.38
	Accuracy 96.3%
	Limit 4.41 - 5.97
	Blank <0.001
	Standard name DMR-0476-2017-22-Eu
Dissolved Uranium (U) mg/L	Result 2.01
	Accuracy 85.8%
	Limit 1.41 - 2.11
	Blank <0.001
	Standard name C00-046-705_X_1000
Vanadium (V) mg/L	Result 0.112
	Accuracy 88%
	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu
Dissolved Vanadium mg/L	Result 1.933
	Accuracy 97.1%
	Limit 1.59 - 2.39
	Blank <0.0005
	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-68067

Sample name: KIA-SPL

Sampling location: SP

Sampling date: September 13, 2017

Sampling hour: 11:00

Parameter

	Result 0.0914
	Accuracy 91.4%
	Limit 0.0800 - 0.1200
Zinc (Zn) mg/L	Blank <0.001
	Standard name DMR-0476-2017-22-Eu

	Result 4.83
	Accuracy 94.1%
	Limit 3.65 - 5.47
Dissolved Zinc mg/L	Blank <0.001
	Standard name C00-046-705_X_1000

	Result 0.101
	Accuracy 99%
	Limit 0.0800 - 0.1200

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Additional information

Lab number: V-68067
Sample name: KIA-SPL
Sampling location: SP

Sampling date: September 13, 2017
Sampling hour: 11:00

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

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

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

Lab number: V-68068

Sampling location: ST-16

Sampling date: September 13, 2017

Sample name: KIA-ST-16

Sampling hour: 15:00

Sampled by: MT

Date received: September 15, 2017

Matrix: Water

Drinking water distribution:

Reported on: October 11, 2017

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

Results relate only to the sample tested.

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

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

Lab number: V-68068

Sample name: KIA-ST-16

Sampling location: ST-16

Sampling date: September 13, 2017

Sampling hour: 15:00

Parameter	Result	Method name	Analysis date
Alkalinity	100 mg CaCO ₃ /L	M-TIT-1.0	September 15, 2017
Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Antimony (Sb)	0.0003 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Antimony (Sb)	0.0003 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	<0.05 mg N/L	Sous-traitance\H2Lab inc. (SAM)	September 19, 2017
Kjeldahl nitrogen	1.7 mg N/L	Sous-traitance\H2Lab inc. (SAM)	September 27, 2017
Barium (Ba)	0.0196 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Barium (Ba)	0.0217 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
bicarbonate (HCO ₃)	100 mg CaCO ₃ /L	M-TIT-1.0	September 15, 2017
Boron (B)	0.01 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Boron (B)	0.01 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Bromides	0.11 mg/L	Sous-traitance\Multilab Direct	October 03, 2017
Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Calcium (Ca)	39.9 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Carbonate (CO ₃)	<2 mg CaCO ₃ /L	M-TIT-1.0	September 15, 2017
Dissolved Organic Carbon (D.O.C.)	9.0 mg/L	M-COT-1.0	September 15, 2017
Total Organic Carbon (T.O.C.)	9.1 mg/L	M-COT-1.0	September 15, 2017
Chlorophyll A	0.27 µg/L	Sous-traitance\H2Lab inc. (SAM)	October 03, 2017
Chloride	9.2 mg/L	Sous-traitance\Multilab Direct	September 22, 2017
Chrome (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Chromium (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Cobalt (Co)	0.0014 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Cobalt (Co)	0.0014 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Conductivity	590 µmhos/cm	M-TIT-1.0	September 15, 2017
Colour	15 Colour units	Sous-traitance\Multilab Direct	September 20, 2017
Copper (Cu)	0.0122 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Copper (Cu)	0.0102 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Cyanide W.A.D.	0.001 mg/L	Sous-traitance\Multilab Direct	September 22, 2017
Total Cyanide (CNT)	0.004 mg/L	Sous-traitance\Multilab Direct	September 22, 2017
Hardness	185 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	September 29, 2017
Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
dissolved Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017

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Analytical Report

Lab number: V-68068

Sample name: KIA-ST-16

Sampling location: ST-16

Sampling date: September 13, 2017

Sampling hour: 15:00

Parameter	Result	Method name	Analysis date
Iron (Fe)	0.18 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Iron (Fe)	0.07 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Fluoride (F)	0.25 mg/L	Sous-traitance\Multilab Direct	October 28, 2017
Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	October 03, 2017
Dissolved Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	October 03, 2017
Total Suspended Solids	10 mg/L	M-SOLI-1.0	September 18, 2017
Magnesium (Mg)	22.2 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Magnesium (Mg)	21.6 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Manganese (Mn)	0.0679 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Manganese (Mn)	0.0650 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Dissolved Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Molybdenum (Mo)	0.0102 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Molybdenum (Mo)	0.0102 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Ammonia NH3 (non-ionized)	<0.01 mg N/L	Sous-traitance\H2Lab inc. (SAM)	September 29, 2017
Nickel (Ni)	0.0184 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Nickel (Ni)	0.0180 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Nitrate (NO3)	8.38 mg N/L	Sous-traitance\Multilab Direct	September 20, 2017
Nitrite (NO2)	<0.01 mg N/L	Sous-traitance\Multilab Direct	September 20, 2017
Ortho-Phosphate (O-PO4)	<0.01 mg P/L	Sous-traitance\Multilab Direct	September 21, 2017
Dissolved oxygen	10.6 mg/L	Sous-traitance\Multilab Direct	September 19, 2017
pH	7.92	M-TIT-1.0	September 15, 2017
Total Phosphorus (P)	<0.04 mg P/L	Sous-traitance\H2Lab inc. (SAM)	September 18, 2017
Total Phosphorus (P) (Trace)	10 µg P/L	Sous-traitance\H2Lab inc. (SAM)	September 21, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Potassium (K)	7.58 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Selenium (Se)	0.001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Selenium (Se)	0.001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Reactive silica (SiO2)	4.7 mg/L	Sous-traitance\Maxxam	September 25, 2017
Sodium (Na)	14.7 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Solids	393 mg/L	M-TIT-1.0	September 15, 2017
Strontium (Sr)	0.194 mg/L	Sous-traitance\Multilab Direct	October 03, 2017
dissolved Strontium (Sr)	0.188 mg/L	Sous-traitance\Multilab Direct	October 03, 2017
Sulfate (SO4)	157 mg SO4/L	Sous-traitance\Multilab Direct	September 20, 2017
Tellurium (Te)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	October 03, 2017
Dissolved thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	October 03, 2017
Thiocyanate (SCN)	0.23 mg SCN/L	Sous-traitance\Multilab Direct	September 21, 2017
Thiosulfates (S2O3)	<0.02 mg S2O3/L	Sous-traitance\Multilab Direct	September 22, 2017

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Analytical Report

Lab number: V-68068

Sample name: KIA-ST-16

Sampling location: ST-16

Sampling date: September 13, 2017

Sampling hour: 15:00

Parameter	Result	Method name	Analysis date
Titanium (Ti)	0.05 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved titanium (Ti)	0.05 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Turbidity	1.79 NTU	Sous-traitance\Multilab Direct	September 19, 2017
Uranium (U)	0.010 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Uranium (U)	0.010 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Vanadium (V)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Vanadium	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Zinc (Zn)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Zinc	<0.001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017

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Detection limit

Lab number: V-68068

Sample name: KIA-ST-16

Sampling location: ST-16

Sampling date: September 13, 2017

Sampling hour: 15:00

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

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Detection limit

Lab number: V-68068

Sample name: KIA-ST-16

Sampling location: ST-16

Sampling date: September 13, 2017

Sampling hour: 15:00

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

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Detection limit

Lab number: V-68068

Sample name: KIA-ST-16

Sampling location: ST-16

Sampling date: September 13, 2017

Sampling hour: 15:00

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

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Quality control Report

Lab number: V-68068

Sample name: KIA-ST-16

Sampling location: ST-16

Sampling date: September 13, 2017

Sampling hour: 15:00

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

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Quality control Report

Lab number: V-68068

Sample name: KIA-ST-16

Sampling location: ST-16

Sampling date: September 13, 2017

Sampling hour: 15:00

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

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Quality control Report

Lab number: V-68068

Sample name: KIA-ST-16

Sampling location: ST-16

Sampling date: September 13, 2017

Sampling hour: 15:00

Parameter	
Calcium (Ca) mg/L	Limit 0.0800 - 0.1200
	Standard name C00-046-705_X_1000
	Result 0.87
	Accuracy 87%
	Limit 0.800 - 1.200
Dissolved Organic Carbon (D.O.C.) mg/L	Blank <0.2
	Standard name COD 10mg/L
	Result 10
	Accuracy 100%
	Limit 8 - 12
Total Organic Carbon (T.O.C.) mg/L	Blank <0.2
	Standard name COT 10mg/L
	Result 10
	Accuracy 100%
	Limit 8 - 12
Chloride mg/L	Blank <0.5
	Standard name DMR-0476-2017-13-CL
	Result 112
	Accuracy 96.3%
	Limit 95 - 121
Chrome (Cr) mg/L	Sample duplicate 9.2-9.1
	Blank <0.0006
	Standard name DMR-0476-2017-22-Eu
	Result 3.991
	Accuracy 98.5%
Dissolved Chromium (Cr) mg/L	Limit 3.24 - 4.86
	Blank <0.0006
	Standard name C00-046-705_X_1000
	Result 0.0925
	Accuracy 92.5%
Cobalt (Co) mg/L	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu
	Result 1.588
	Accuracy 98.2%
Dissolved Cobalt (Co) mg/L	Limit 1.25 - 1.87
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0953
	Accuracy 95.3%

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Quality control Report

Lab number: V-68068

Sample name: KIA-ST-16

Sampling location: ST-16

Sampling date: September 13, 2017

Sampling hour: 15:00

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

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Quality control Report

Lab number: V-68068

Sample name: KIA-ST-16

Sampling location: ST-16

Sampling date: September 13, 2017

Sampling hour: 15:00

Parameter	
Dissolved Iron (Fe) mg/L	Limit 9.1 - 13.7 Blank <0.01 Standard name C00-046-705_X_1000 Result 0.95 Accuracy 95%
Fluoride (F) mg/L	Limit 0.800 - 1.200 Blank <0.02 Standard name Controle maison 2 ppm F Result 1.93 Accuracy 96.5%
Lithium (Li) mg/L	Limit 1.85 - 2.15 Blank <0.005
Dissolved Lithium (Li) mg/L	Blank <0.005
Total Suspended Solids mg/L	Blank <1 Standard name STD-MES 25mg/L Result 26 Accuracy 96% Limit 19 - 31 Sample duplicate 10-11
Magnesium (Mg) mg/L	Blank <0.02 Standard name DMR-0476-2017-22-Eu Result 7.00 Accuracy 88.5% Limit 6.33 - 9.49
Dissolved Magnesium (Mg) mg/L	Blank <0.02 Standard name C00-046-705_X_1000 Result 0.83 Accuracy 83% Limit 0.800 - 1.200
Manganese (Mn) mg/L	Blank <0.0005 Standard name DMR-0476-2017-22-Eu Result 4.264 Accuracy 90.7% Limit 3.12 - 4.68
Dissolved Manganese (Mn) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1052 Accuracy 94.8% Limit 0.0800 - 0.1200
Mercury (Hg) mg/L	Blank <0.00001

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Quality control Report

Lab number: V-68068

Sample name: KIA-ST-16

Sampling location: ST-16

Sampling date: September 13, 2017

Sampling hour: 15:00

Parameter	
	Standard name DMR-0426-2016-HgEu-1
	Result 0.00334
	Accuracy 77.7%
	Limit 0.0026 - 0.0060
Dissolved Mercury (Hg) mg/L	Blank <0.00001
	Standard name DMR-0426-2016-HgEu-1
	Result 0.00299
	Accuracy 69.5%
	Limit 0.0026 - 0.0060
Molybdenum (Mo) mg/L	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu
	Result 0.7125
	Accuracy 99.4%
	Limit 0.566 - 0.850
Dissolved Molybdenum (Mo) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1016
	Accuracy 98.4%
	Limit 0.0800 - 0.1200
Nickel (Ni) mg/L	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu
	Result 1.095
	Accuracy 96.1%
	Limit 0.91 - 1.37
Dissolved Nickel (Ni) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0915
	Accuracy 91.5%
	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 2.65
	Accuracy 97.8%
	Limit 2.30 - 3.12
Ortho-Phosphate (O-PO4) mg P/	Blank <0.01
	Standard name DMR-0417-2017-OPO4
	Result 3.28
	Accuracy 97.2%
	Limit 2.81 - 3.57

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Quality control Report

Lab number: V-68068

Sample name: KIA-ST-16

Sampling location: ST-16

Sampling date: September 13, 2017

Sampling hour: 15:00

Parameter	
pH	Standard name STD pH 7.0
	Result 7.03
	Accuracy 99.6%
	Limit 6.96 - 7.04
Lead (Pb) mg/L	Blank <0.0003
	Standard name DMR-0476-2017-22-Eu
Dissolved Lead (Pb) mg/L	Result 0.9364
	Accuracy 96.3%
	Limit 0.722 - 1.084
	Blank <0.0003
Potassium (K) mg/L	Standard name C00-046-705_X_1000
	Result 0.0986
	Accuracy 98.6%
	Limit 0.0800 - 0.1200
Selenium (Se) mg/L	Standard name C00-046-705_X_1000
	Result 0.93
	Accuracy 93%
	Limit 0.800 - 1.200
Dissolved Selenium (Se) mg/L	Blank <0.001
	Standard name DMR-0476-2017-22-Eu
	Result 1.48
	Accuracy 90.4%
Strontium (Sr) mg/L	Limit 1.08 - 1.62
	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.101
dissolved Strontium (Sr) mg/L	Accuracy 99%
	Limit 0.0800 - 0.1200
	Blank <0.005
	Blank <0.005
Sulfate (SO4) mg SO4/L	Blank <0.6
	Standard name DMR-0417-2017-SO4
	Result 125
	Accuracy 98.4%
Tellurium (Te) mg/L	Limit 114 - 132
	Standard name C00-046-705_X_1000
	Result 0.0877
	Accuracy 87.7%
Thallium (Tl) mg/L	Limit 0.0800 - 0.1200
	Blank <0.0008

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Quality control Report

Lab number: V-68068

Sample name: KIA-ST-16

Sampling location: ST-16

Sampling date: September 13, 2017

Sampling hour: 15:00

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

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Quality control Report

Lab number: V-68068

Sample name: KIA-ST-16

Sampling location: ST-16

Sampling date: September 13, 2017

Sampling hour: 15:00

Parameter

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

Zinc (Zn) mg/L Blank <0.001
Standard name DMR-0476-2017-22-Eu
Result 4.83
Accuracy 94.1%
Limit 3.65 - 5.47

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

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Additional information

Lab number: V-68068

Sample name: KIA-ST-16

Sampling location: ST-16

Sampling date: September 13, 2017

Sampling hour: 15:00

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

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

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

Lab number: V-68060

Sampling location: TPL

Sampling date: September 13, 2017

Sample name: KIA-EFF-1

Sampling hour: 13:00

Sampled by: MT

Date received: September 15, 2017

Matrix: Water

Drinking water distribution:

Reported on: October 11, 2017

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

Results relate only to the sample tested.

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

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Analytical Report

Lab number: V-68060

Sample name: KIA-EFF-1

Sampling location: TPL

Sampling date: September 13, 2017

Sampling hour: 13:00

Parameter	Result	Method name	Analysis date
Alkalinity	8 mg CaCO ₃ /L	M-TIT-1.0	September 15, 2017
Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Antimony (Sb)	<0.0001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Antimony (Sb)	<0.0001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	<0.05 mg N/L	Sous-traitance\H2Lab inc. (SAM)	September 19, 2017
Kjeldahl nitrogen	<0.70 mg N/L	Sous-traitance\H2Lab inc. (SAM)	September 27, 2017
Barium (Ba)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Barium (Ba)	0.0032 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
bicarbonate (HCO ₃)	8 mg CaCO ₃ /L	M-TIT-1.0	September 15, 2017
Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Bromides	<0.01 mg/L	Sous-traitance\Multilab Direct	October 03, 2017
Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Calcium (Ca)	1.29 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Carbonate (CO ₃)	<2 mg CaCO ₃ /L	M-TIT-1.0	September 15, 2017
Dissolved Organic Carbon (D.O.C.)	1.7 mg/L	M-COT-1.0	September 15, 2017
Total Organic Carbon (T.O.C.)	1.9 mg/L	M-COT-1.0	September 15, 2017
Chlorophyll A	0.77 µg/L	Sous-traitance\H2Lab inc. (SAM)	October 03, 2017
Chloride	0.7 mg/L	Sous-traitance\Multilab Direct	September 22, 2017
Chrome (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Chromium (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Cobalt (Co)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Cobalt (Co)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Conductivity	28 µmhos/cm	M-TIT-1.0	September 15, 2017
Colour	1 Colour units	Sous-traitance\Multilab Direct	September 20, 2017
Copper (Cu)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Copper (Cu)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Cyanide W.A.D.	0.001 mg/L	Sous-traitance\Multilab Direct	September 22, 2017
Total Cyanide (CNT)	0.003 mg/L	Sous-traitance\Multilab Direct	September 22, 2017
Hardness	5 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	September 29, 2017
Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
dissolved Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017

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Analytical Report

Lab number: V-68060

Sample name: KIA-EFF-1

Sampling location: TPL

Sampling date: September 13, 2017

Sampling hour: 13:00

Parameter	Result	Method name	Analysis date
Iron (Fe)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Iron (Fe)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Fluoride (F)	0.08 mg/L	Sous-traitance\Multilab Direct	September 21, 2017
Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	October 03, 2017
Dissolved Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	October 03, 2017
Total Suspended Solids	5 mg/L	M-SOLI-1.0	September 18, 2017
Magnesium (Mg)	0.68 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Magnesium (Mg)	0.58 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Manganese (Mn)	0.0013 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Manganese (Mn)	0.0008 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Dissolved Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Molybdenum (Mo)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Molybdenum (Mo)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Ammonia NH3 (non-ionized)	<0.01 mg N/L	Sous-traitance\H2Lab inc. (SAM)	September 29, 2017
Nickel (Ni)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Nickel (Ni)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Nitrate (NO3)	0.01 mg N/L	Sous-traitance\Multilab Direct	September 20, 2017
Nitrite (NO2)	<0.01 mg N/L	Sous-traitance\Multilab Direct	September 20, 2017
Ortho-Phosphate (O-PO4)	<0.01 mg P/L	Sous-traitance\Multilab Direct	September 21, 2017
Dissolved oxygen	10.4 mg/L	Sous-traitance\Multilab Direct	September 19, 2017
pH	7.17	M-TIT-1.0	September 15, 2017
Total Phosphorus (P)	<0.04 mg P/L	Sous-traitance\H2Lab inc. (SAM)	September 18, 2017
Total Phosphorus (P) (Trace)	2.6 µg P/L	Sous-traitance\H2Lab inc. (SAM)	September 21, 2017
Lead (Pb)	0.0048 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Potassium (K)	0.29 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Selenium (Se)	0.001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Reactive silica (SiO2)	0.18 mg/L	Sous-traitance\Maxxam	September 25, 2017
Sodium (Na)	0.78 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Solids	19 mg/L	M-TIT-1.0	September 15, 2017
Strontium (Sr)	0.007 mg/L	Sous-traitance\Multilab Direct	October 03, 2017
dissolved Strontium (Sr)	0.007 mg/L	Sous-traitance\Multilab Direct	October 03, 2017
Sulfate (SO4)	5.1 mg SO4/L	Sous-traitance\Multilab Direct	September 20, 2017
Tellurium (Te)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	October 03, 2017
Dissolved thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	October 03, 2017
Thiocyanate (SCN)	0.15 mg SCN/L	Sous-traitance\Multilab Direct	September 21, 2017
Thiosulfates (S2O3)	<0.02 mg S2O3/L	Sous-traitance\Multilab Direct	September 22, 2017

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Analytical Report

Lab number: V-68060

Sample name: KIA-EFF-1

Sampling location: TPL

Sampling date: September 13, 2017

Sampling hour: 13:00

Parameter	Result	Method name	Analysis date
Titanium (Ti)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved titanium (Ti)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Turbidity	0.76 NTU	Sous-traitance\Multilab Direct	September 19, 2017
Uranium (U)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Uranium (U)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Vanadium (V)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Vanadium	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Zinc (Zn)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Zinc	<0.001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017

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Detection limit

Lab number: V-68060

Sample name: KIA-EFF-1

Sampling location: TPL

Sampling date: September 13, 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)	0.003	mg/L	Sous-traitance	
Antimony (Sb)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Antimony (Sb)	0.0001	mg/L	Sous-traitance	
Silver (Ag)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Silver (Ag)	0.0001	mg/L	Sous-traitance	
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Arsenic (As)	0.0005	mg/L	Sous-traitance	
Kjeldahl nitrogen	0.05	mg N/L	Sous-traitance	
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Barium (Ba)	0.0005	mg/L	Sous-traitance	
Beryllium (Be)	0.0005	mg/L	Sous-traitance	
Dissolved Beryllium (Be)	0.0005	mg/L	Sous-traitance	
bicarbonate (HCO ₃)	2	mg CaCO ₃ /L	M-TIT-1.0	
Boron (B)	0.01	mg/L	Sous-traitance	Yes
Dissolved Boron (B)	0.006	mg/L	Sous-traitance	
Bromides	0.01	mg/L	Sous-traitance	
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Dissolved Cadmium (Cd)	0.00002	mg/L	Sous-traitance	
Calcium (Ca)	0.03	mg/L	Sous-traitance	Yes
Carbonate (CO ₃)	2	mg CaCO ₃ /L	M-TIT-1.0	
Dissolved Organic Carbon (D.O.C.)	0.2	mg/L	M-COT-1.0	--
Total Organic Carbon (T.O.C.)	0.2	mg/L	M-COT-1.0	Yes
Chlorophyll A	0.04	µg/L	Sous-traitance	
Chloride	0.5	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Dissolved Chromium (Cr)	0.0006	mg/L	Sous-traitance	
Cobalt (Co)	0.0005	mg/L	Sous-traitance	
Dissolved Cobalt (Co)	0.0005	mg/L	Sous-traitance	
Conductivity	1	µmhos/cm	M-TIT-1.0	Yes
Colour	1	UCV	Sous-traitance	Yes
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Copper (Cu)	0.0005	mg/L	Sous-traitance	
Cyanide W.A.D.	0.001	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO ₃ /L	Sous-traitance	
Tin (Sn)	0.001	mg/L	Sous-traitance	Yes
dissolved Tin (Sn)	0.001	mg/L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes

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

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



Detection limit

Lab number: V-68060

Sample name: KIA-EFF-1

Sampling location: TPL

Sampling date: September 13, 2017

Sampling hour: 13:00

Parameter	Value	Unit	Method	Accreditation
Dissolved Iron (Fe)	0.01	mg/L	Sous-traitance	
Fluoride (F)	0.01	mg/L	Sous-traitance	Yes
Lithium (Li)	0.005	mg/L	Sous-traitance	
Dissolved Lithium (Li)	0.005	mg/L	Sous-traitance	
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Magnesium (Mg)	0.02	mg/L	Sous-traitance	Yes
Dissolved Magnesium (Mg)	0.02	mg/L	Sous-traitance	
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Manganese (Mn)	0.0003	mg/L	Sous-traitance	
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Dissolved Mercury (Hg)	0.00001	mg/L	Sous-traitance	
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Nickel (Ni)	0.0005	mg/L	Sous-traitance	
Nitrate (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)	0.04	mg P/L	Sous-traitance	
Total Phosphorus (P) (Trace)	1.9	µg P/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Dissolved Lead (Pb)	0.0003	mg/L	Sous-traitance	
Potassium (K)	0.05	mg/L	Sous-traitance	
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Dissolved Selenium (Se)	0.001	mg/L	Sous-traitance	
Reactive silica (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	

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Detection limit

Lab number: V-68060

Sample name: KIA-EFF-1

Sampling location: TPL

Sampling date: September 13, 2017

Sampling hour: 13:00

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

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Quality control Report

Lab number: V-68060

Sample name: KIA-EFF-1

Sampling location: TPL

Sampling date: September 13, 2017

Sampling hour: 13:00

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

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Quality control Report

Lab number: V-68060

Sample name: KIA-EFF-1

Sampling location: TPL

Sampling date: September 13, 2017

Sampling hour: 13:00

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

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Quality control Report

Lab number: V-68060

Sample name: KIA-EFF-1

Sampling location: TPL

Sampling date: September 13, 2017

Sampling hour: 13:00

Parameter	
Calcium (Ca) mg/L	Limit 0.0800 - 0.1200 Blank <0.03 Standard name DMR-0476-2017-22-Eu Result 15.6 Accuracy 77.2%
Dissolved Organic Carbon (D.O.C.) mg/L	Limit 16.2 - 24.2 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-0476-2017-13-CL Result 109 Accuracy 99.1%
Chrome (Cr) mg/L	Limit 95 - 121 Blank <0.0006 Standard name DMR-0476-2017-22-Eu Result 3.991 Accuracy 98.5%
Dissolved Chromium (Cr) mg/L	Limit 3.24 - 4.86 Blank <0.0006 Standard name C00-046-705_X_1000 Result 0.0925 Accuracy 92.5%
Cobalt (Co) mg/L	Limit 0.0800 - 0.1200 Blank <0.0005 Standard name DMR-0476-2017-22-Eu Result 1.588 Accuracy 98.2%
Dissolved Cobalt (Co) mg/L	Limit 1.25 - 1.87 Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0953 Accuracy 95.3%

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Quality control Report

Lab number: V-68060

Sample name: KIA-EFF-1

Sampling location: TPL

Sampling date: September 13, 2017

Sampling hour: 13:00

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

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Quality control Report

Lab number: V-68060

Sample name: KIA-EFF-1

Sampling location: TPL

Sampling date: September 13, 2017

Sampling hour: 13:00

Parameter	
Dissolved Iron (Fe) mg/L	Limit 9.1 - 13.7
	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 0.95
	Accuracy 95%
Fluoride (F) mg/L	Limit 0.800 - 1.200
	Blank <0.02
	Standard name Controle maison 2 ppm F
	Result 2.04
	Accuracy 98%
Lithium (Li) mg/L	Limit 1.85 - 2.15
	Blank <0.005
Total Suspended Solids mg/L	Blank <1
	Standard name STD-MES 25mg/L
	Result 26
	Accuracy 96%
Magnesium (Mg) mg/L	Limit 19 - 31
	Blank <0.02
	Standard name DMR-0476-2017-22-Eu
	Result 7.00
	Accuracy 88.5%
Dissolved Magnesium (Mg) mg/L	Limit 6.33 - 9.49
	Blank <0.02
	Standard name C00-046-705_X_1000
	Result 0.83
	Accuracy 83%
Manganese (Mn) mg/L	Limit 0.800 - 1.200
	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu
	Result 4.264
	Accuracy 90.7%
Dissolved Manganese (Mn) mg/L	Limit 3.12 - 4.68
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1052
	Accuracy 94.8%
Molybdenum (Mo) mg/L	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu
	Result 0.7125

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Quality control Report

Lab number: V-68060

Sample name: KIA-EFF-1

Sampling location: TPL

Sampling date: September 13, 2017

Sampling hour: 13:00

Parameter	
Dissolved Molybdenum (Mo) mg/	Accuracy 99.4%
	Limit 0.566 - 0.850
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1016
Nickel (Ni) mg/L	Accuracy 98.4%
	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu
Dissolved Nickel (Ni) mg/L	Result 1.095
	Accuracy 96.1%
	Limit 0.91 - 1.37
	Blank <0.0005
Nitrate (NO ₃) mg N/L Nitrite (NO ₂) mg N/L	Standard name C00-046-705_X_1000
	Result 0.0915
	Accuracy 91.5%
	Limit 0.0800 - 0.1200
Ortho-Phosphate (O-PO ₄) mg P/	Blank <0.01
	Blank <0.01
	Standard name DMR-0417-2017-NO2
	Result 2.65
pH	Accuracy 97.8%
	Limit 2.30 - 3.12
	Blank <0.01
	Standard name DMR-0417-2017-OPO4
Lead (Pb) mg/L	Result 3.28
	Accuracy 97.2%
	Limit 2.81 - 3.57
	Standard name STD pH 7.0
Dissolved Lead (Pb) mg/L	Result 7.03
	Accuracy 99.6%
	Limit 6.96 - 7.04
	Blank <0.0003
	Standard name DMR-0476-2017-22-Eu
	Result 0.9364
	Accuracy 96.3%
	Limit 0.722 - 1.084
	Blank <0.0003
	Standard name C00-046-705_X_1000
	Result 0.0986

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Quality control Report

Lab number: V-68060

Sample name: KIA-EFF-1

Sampling location: TPL

Sampling date: September 13, 2017

Sampling hour: 13:00

Parameter	
Potassium (K) mg/L	Accuracy 98.6%
	Limit 0.0800 - 0.1200
	Blank <0.05
	Standard name DMR-0476-2017-22-Eu
	Result 15.9
Selenium (Se) mg/L	Accuracy 89.3%
	Limit 14.2 - 21.4
	Blank <0.001
	Standard name DMR-0476-2017-22-Eu
Dissolved Selenium (Se) mg/L	Result 1.48
	Accuracy 90.4%
	Limit 1.08 - 1.62
	Blank <0.001
Sodium (Na) mg/L	Standard name C00-046-705_X_1000
	Result 0.101
	Accuracy 99%
	Limit 0.0800 - 0.1200
Strontium (Sr) mg/L	Blank <0.05
	Standard name DMR-0476-2017-22-Eu
	Result 22.4
	Accuracy 82.7%
Sulfate (SO4) mg SO4/L	Limit 21.7 - 32.5
	Blank <0.005
	Blank <0.6
	Standard name DMR-0417-2017-SO4
Tellurium (Te) mg/L	Result 130
	Accuracy 94.3%
	Limit 114 - 132
	Sample duplicate 5.1-4.7
Thallium (Tl) mg/L	Blank <0.0005
	Blank <0.0008
	Standard name Tl-S140909023-1000ppm
	Result 838
Thiocyanate (SCN) mg SCN/L	Accuracy 83.8%
	Limit 800 - 1200
	Blank <0.05
	Standard name STD SCN 568ppm
	Result 594
	Accuracy 95.4%
	Limit 398 - 738

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Quality control Report

Lab number: V-68060

Sample name: KIA-EFF-1

Sampling location: TPL

Sampling date: September 13, 2017

Sampling hour: 13:00

Parameter	
Thiosulfates (S2O3) mg S2O3/L	Blank <0.02 Standard name S2O3-225ppm Result 270 Accuracy 80% Limit 158 - 293
Titanium (Ti) mg/L	Blank <0.01
Dissolved titanium (Ti) mg/L	Blank <0.01
Turbidity UTN	Standard name DMR-0417-2017-Turb Result 5.38 Accuracy 96.3% Limit 4.41 - 5.97
Uranium (U) mg/L	Blank <0.001 Standard name DMR-0476-2017-22-Eu Result 2.01 Accuracy 85.8% Limit 1.41 - 2.11
Dissolved Uranium (U) mg/L	Blank <0.001 Standard name C00-046-705_X_1000 Result 0.112 Accuracy 88% Limit 0.0800 - 0.1200
Vanadium (V) mg/L	Blank <0.0005 Standard name DMR-0476-2017-22-Eu Result 1.933 Accuracy 97.1% Limit 1.59 - 2.39
Dissolved Vanadium mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0914 Accuracy 91.4% Limit 0.0800 - 0.1200
Zinc (Zn) mg/L	Blank <0.001 Standard name DMR-0476-2017-22-Eu Result 4.83 Accuracy 94.1% Limit 3.65 - 5.47
Dissolved Zinc mg/L	Blank <0.001 Standard name C00-046-705_X_1000 Result 0.101 Accuracy 99%

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Quality control Report

Lab number: V-68060

Sample name: KIA-EFF-1

Sampling location: TPL

Sampling date: September 13, 2017

Sampling hour: 13:00

Parameter

Limit 0.0800 - 0.1200

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Additional information

Lab number: V-68060

Sample name: KIA-EFF-1

Sampling location: TPL

Sampling date: September 13, 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-68061

Sampling location: TPL

Sampling date: September 13, 2017

Sample name: KIA-EFF-2

Sampling hour: 13:00

Sampled by: MT

Date received: September 15, 2017

Matrix: Water

Drinking water distribution:

Reported on: October 11, 2017

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

Results relate only to the sample tested.

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

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

Lab number: V-68061

Sample name: KIA-EFF-2

Sampling location: TPL

Sampling date: September 13, 2017

Sampling hour: 13:00

Parameter	Result	Method name	Analysis date
Alkalinity	25 mg CaCO ₃ /L	M-TIT-1.0	September 15, 2017
Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Antimony (Sb)	0.0001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Antimony (Sb)	<0.0001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	<0.05 mg N/L	Sous-traitance\H2Lab inc. (SAM)	September 19, 2017
Kjeldahl nitrogen	<0.70 mg N/L	Sous-traitance\H2Lab inc. (SAM)	September 27, 2017
Barium (Ba)	0.0020 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Barium (Ba)	0.0043 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
bicarbonate (HCO ₃)	25 mg CaCO ₃ /L	M-TIT-1.0	September 15, 2017
Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Bromides	0.07 mg/L	Sous-traitance\Multilab Direct	October 03, 2017
Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Calcium (Ca)	7.18 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Carbonate (CO ₃)	<2 mg CaCO ₃ /L	M-TIT-1.0	September 15, 2017
Dissolved Organic Carbon (D.O.C.)	3.1 mg/L	M-COT-1.0	September 15, 2017
Total Organic Carbon (T.O.C.)	3.1 mg/L	M-COT-1.0	September 15, 2017
Chlorophyll A	1.1 µg/L	Sous-traitance\H2Lab inc. (SAM)	October 03, 2017
Chloride	3.6 mg/L	Sous-traitance\Multilab Direct	September 22, 2017
Chrome (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Chromium (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Cobalt (Co)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Cobalt (Co)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Conductivity	94 µmhos/cm	M-TIT-1.0	September 15, 2017
Colour	4 Colour units	Sous-traitance\Multilab Direct	September 20, 2017
Copper (Cu)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Copper (Cu)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Cyanide W.A.D.	<0.001 mg/L	Sous-traitance\Multilab Direct	September 22, 2017
Total Cyanide (CNT)	0.003 mg/L	Sous-traitance\Multilab Direct	September 22, 2017
Hardness	26 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	September 29, 2017
Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
dissolved Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017

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Analytical Report

Lab number: V-68061

Sample name: KIA-EFF-2

Sampling location: TPL

Sampling date: September 13, 2017

Sampling hour: 13:00

Parameter	Result	Method name	Analysis date
Iron (Fe)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Iron (Fe)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Fluoride (F)	0.12 mg/L	Sous-traitance\Multilab Direct	October 28, 2017
Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	October 03, 2017
Dissolved Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	October 03, 2017
Total Suspended Solids	4 mg/L	M-SOLI-1.0	September 18, 2017
Magnesium (Mg)	2.27 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Magnesium (Mg)	2.05 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Manganese (Mn)	0.0043 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Manganese (Mn)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Mercury (Hg)	0.00019 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Dissolved Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Molybdenum (Mo)	0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Molybdenum (Mo)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Ammonia NH3 (non-ionized)	<0.01 mg N/L	Sous-traitance\H2Lab inc. (SAM)	September 29, 2017
Nickel (Ni)	0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Nickel (Ni)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Nitrate (NO3)	<0.01 mg N/L	Sous-traitance\Multilab Direct	September 20, 2017
Nitrite (NO2)	<0.01 mg N/L	Sous-traitance\Multilab Direct	September 20, 2017
Ortho-Phosphate (O-PO4)	<0.01 mg P/L	Sous-traitance\Multilab Direct	September 21, 2017
Dissolved oxygen	10.3 mg/L	Sous-traitance\Multilab Direct	September 19, 2017
pH	7.73	M-TIT-1.0	September 15, 2017
Total Phosphorus (P)	<0.04 mg P/L	Sous-traitance\H2Lab inc. (SAM)	September 18, 2017
Total Phosphorus (P) (Trace)	4.1 µg P/L	Sous-traitance\H2Lab inc. (SAM)	September 21, 2017
Lead (Pb)	0.0046 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Potassium (K)	0.96 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Reactive silica (SiO2)	0.29 mg/L	Sous-traitance\Maxxam	September 25, 2017
Sodium (Na)	1.73 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Solids	62 mg/L	M-TIT-1.0	September 15, 2017
Strontium (Sr)	0.038 mg/L	Sous-traitance\Multilab Direct	October 03, 2017
dissolved Strontium (Sr)	0.033 mg/L	Sous-traitance\Multilab Direct	October 03, 2017
Sulfate (SO4)	12.3 mg SO4/L	Sous-traitance\Multilab Direct	September 20, 2017
Tellurium (Te)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	October 03, 2017
Dissolved thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	October 03, 2017
Thiocyanate (SCN)	0.28 mg SCN/L	Sous-traitance\Multilab Direct	September 21, 2017
Thiosulfates (S2O3)	<0.02 mg S2O3/L	Sous-traitance\Multilab Direct	September 22, 2017

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Analytical Report

Lab number: V-68061

Sample name: KIA-EFF-2

Sampling location: TPL

Sampling date: September 13, 2017

Sampling hour: 13:00

Parameter	Result	Method name	Analysis date
Titanium (Ti)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved titanium (Ti)	<0.01 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Turbidity	0.81 NTU	Sous-traitance\Multilab Direct	September 19, 2017
Uranium (U)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Uranium (U)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Vanadium (V)	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Vanadium	<0.0005 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Zinc (Zn)	<0.001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017
Dissolved Zinc	<0.001 mg/L	Sous-traitance\Multilab Direct	September 29, 2017

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Detection limit

Lab number: V-68061

Sample name: KIA-EFF-2

Sampling location: TPL

Sampling date: September 13, 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)	0.003	mg/L	Sous-traitance	
Antimony (Sb)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Antimony (Sb)	0.0001	mg/L	Sous-traitance	
Silver (Ag)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Silver (Ag)	0.0001	mg/L	Sous-traitance	
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Arsenic (As)	0.0005	mg/L	Sous-traitance	
Kjeldahl nitrogen	0.05	mg N/L	Sous-traitance	
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Barium (Ba)	0.0005	mg/L	Sous-traitance	
Beryllium (Be)	0.0005	mg/L	Sous-traitance	
Dissolved Beryllium (Be)	0.0005	mg/L	Sous-traitance	
bicarbonate (HCO ₃)	2	mg CaCO ₃ /L	M-TIT-1.0	
Boron (B)	0.01	mg/L	Sous-traitance	Yes
Dissolved Boron (B)	0.006	mg/L	Sous-traitance	
Bromides	0.01	mg/L	Sous-traitance	
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Dissolved Cadmium (Cd)	0.00002	mg/L	Sous-traitance	
Calcium (Ca)	0.03	mg/L	Sous-traitance	Yes
Carbonate (CO ₃)	2	mg CaCO ₃ /L	M-TIT-1.0	
Dissolved Organic Carbon (D.O.C.)	0.2	mg/L	M-COT-1.0	--
Total Organic Carbon (T.O.C.)	0.2	mg/L	M-COT-1.0	Yes
Chlorophyll A	0.04	µg/L	Sous-traitance	
Chloride	0.5	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Dissolved Chromium (Cr)	0.0006	mg/L	Sous-traitance	
Cobalt (Co)	0.0005	mg/L	Sous-traitance	
Dissolved Cobalt (Co)	0.0005	mg/L	Sous-traitance	
Conductivity	1	µmhos/cm	M-TIT-1.0	Yes
Colour	1	UCV	Sous-traitance	Yes
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Copper (Cu)	0.0005	mg/L	Sous-traitance	
Cyanide W.A.D.	0.001	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO ₃ /L	Sous-traitance	
Tin (Sn)	0.001	mg/L	Sous-traitance	Yes
dissolved Tin (Sn)	0.001	mg/L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes

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Detection limit

Lab number: V-68061

Sample name: KIA-EFF-2

Sampling location: TPL

Sampling date: September 13, 2017

Sampling hour: 13:00

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

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Detection limit

Lab number: V-68061

Sample name: KIA-EFF-2

Sampling location: TPL

Sampling date: September 13, 2017

Sampling hour: 13:00

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

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Quality control Report

Lab number: V-68061

Sample name: KIA-EFF-2

Sampling location: TPL

Sampling date: September 13, 2017

Sampling hour: 13:00

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

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Quality control Report

Lab number: V-68061

Sample name: KIA-EFF-2

Sampling location: TPL

Sampling date: September 13, 2017

Sampling hour: 13:00

Parameter	
Barium (Ba) mg/L	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu
	Result 2.784
	Accuracy 85.4%
	Limit 1.94 - 2.92
Dissolved Barium (Ba) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1092
	Accuracy 90.8%
	Limit 0.0800 - 0.1200
Beryllium (Be) mg/L	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu
	Result 1.497
	Accuracy 88.1%
	Limit 1.36 - 2.04
Dissolved Beryllium (Be) mg/L	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu
	Result 1.540
	Accuracy 90.6%
	Limit 1.36 - 2.04
Boron (B) mg/L	Sample duplicate <0.0005-<0.0005
	Blank <0.01
	Standard name DMR-0476-2017-22-Eu
	Result 2.80
	Accuracy 97.2%
Dissolved Boron (B) mg/L	Limit 2.30 - 3.46
	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 0.84
	Accuracy 84%
Bromides mg/L	Limit 0.800 - 1.200
	Sample duplicate <0.01-<0.01
	Blank <0.01
	Standard name DMR-0119-2017-Br
	Result 4.97
Cadmium (Cd) mg/L	Accuracy 88.3%
	Limit 4.50 - 6.76
	Blank <0.00002
	Standard name DMR-0476-2017-22-Eu
	Result 0.97801

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Quality control Report

Lab number: V-68061

Sample name: KIA-EFF-2

Sampling location: TPL

Sampling date: September 13, 2017

Sampling hour: 13:00

Parameter	
Dissolved Cadmium (Cd) mg/L	Accuracy 91.5%
	Limit 0.721 - 1.081
	Blank <0.00002
	Standard name C00-046-705_X_1000
	Result 0.10208
Calcium (Ca) mg/L	Accuracy 97.9%
	Limit 0.0800 - 0.1200
	Sample duplicate <0.00002-<0.00002
	Blank <0.03
	Standard name DMR-0476-2017-22-Eu
Dissolved Organic Carbon (D.O.C.) mg/L	Result 15.6
	Accuracy 77.2%
	Limit 16.2 - 24.2
	Blank <0.2
	Standard name COD 10mg/L
Total Organic Carbon (T.O.C.) mg/L	Result 10
	Accuracy 100%
	Limit 8 - 12
	Blank <0.2
	Standard name COT 10mg/L
Chloride mg/L	Result 10
	Accuracy 100%
	Limit 8 - 12
	Blank <0.5
	Standard name DMR-0476-2017-13-CL
Chrome (Cr) mg/L	Result 109
	Accuracy 99.1%
	Limit 95 - 121
	Blank <0.0006
	Standard name DMR-0476-2017-22-Eu
Dissolved Chromium (Cr) mg/L	Result 3.991
	Accuracy 98.5%
	Limit 3.24 - 4.86
	Blank <0.0006
	Standard name C00-046-705_X_1000
Cobalt (Co) mg/L	Result 0.0925
	Accuracy 92.5%
	Limit 0.0800 - 0.1200
	Sample duplicate <0.0006-<0.0006
	Blank <0.0005

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Quality control Report

Lab number: V-68061

Sample name: KIA-EFF-2

Sampling location: TPL

Sampling date: September 13, 2017

Sampling hour: 13:00

Parameter	
	Standard name DMR-0476-2017-22-Eu
	Result 1.588
	Accuracy 98.2%
	Limit 1.25 - 1.87
Dissolved Cobalt (Co) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0953
	Accuracy 95.3%
	Limit 0.0800 - 0.1200
	Sample duplicate <0.0005-<0.0005
Conductivity µmhos/cm	Standard name STD cond maison
	Result 1407
	Accuracy 99.4%
	Limit 1203 - 1627
Colour UCV	Blank <1
	Standard name DMR-0417-2017-Coul
	Result 100
	Accuracy 85.1%
	Limit 67 - 107
Copper (Cu) mg/L	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu
	Result 1.344
	Accuracy 95%
	Limit 1.02 - 1.54
Dissolved Copper (Cu) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0928
	Accuracy 92.8%
	Limit 0.0800 - 0.1200
	Sample duplicate <0.0005-<0.0005
Cyanide W.A.D. mg/L	Blank <0.001
	Standard name DMR-0343-CN
	Result 0.835
	Accuracy 94.6%
	Limit 0.751 - 1.015
Total Cyanide (CNT) mg/L	Blank <0.001
	Standard name DMR-0343-CN
	Result 1.17
	Accuracy 99.2%
	Limit 1.003 - 1.357

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Quality control Report

Lab number: V-68061

Sample name: KIA-EFF-2

Sampling location: TPL

Sampling date: September 13, 2017

Sampling hour: 13:00

Parameter	
Tin (Sn) mg/L	Blank <0.001
dissolved Tin (Sn) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.104
	Accuracy 96%
	Limit 0.0700 - 0.1300
Iron (Fe) mg/L	Sample duplicate <0.001-<0.001
	Blank <0.01
	Standard name DMR-0476-2017-22-Eu
	Result 11.8
	Accuracy 96.5%
	Limit 9.1 - 13.7
Dissolved Iron (Fe) mg/L	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 0.95
	Accuracy 95%
	Limit 0.800 - 1.200
Fluoride (F) mg/L	Sample duplicate <0.01-<0.01
	Blank <0.02
	Standard name Controle maison 2 ppm F
	Result 1.93
	Accuracy 96.5%
	Limit 1.85 - 2.15
Lithium (Li) mg/L	Blank <0.005
Total Suspended Solids mg/L	Blank <1
	Standard name STD-MES 25mg/L
	Result 26
	Accuracy 96%
	Limit 19 - 31
Magnesium (Mg) mg/L	Blank <0.02
	Standard name DMR-0476-2017-22-Eu
	Result 7.00
	Accuracy 88.5%
	Limit 6.33 - 9.49
Dissolved Magnesium (Mg) mg/L	Blank <0.02
	Standard name C00-046-705_X_1000
	Result 0.83
	Accuracy 83%
	Limit 0.800 - 1.200
	Sample duplicate 2.05-1.97

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Quality control Report

Lab number: V-68061

Sample name: KIA-EFF-2

Sampling location: TPL

Sampling date: September 13, 2017

Sampling hour: 13:00

Parameter	
Manganese (Mn) mg/L	Blank <0.0005 Standard name DMR-0476-2017-22-Eu Result 4.264 Accuracy 90.7% Limit 3.12 - 4.68
Dissolved Manganese (Mn) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1052 Accuracy 94.8% Limit 0.0800 - 0.1200
Molybdenum (Mo) mg/L	Sample duplicate <0.0005-<0.0005 Blank <0.0005 Standard name DMR-0476-2017-22-Eu Result 0.7125 Accuracy 99.4% Limit 0.566 - 0.850
Dissolved Molybdenum (Mo) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1016 Accuracy 98.4% Limit 0.0800 - 0.1200
Nickel (Ni) mg/L	Sample duplicate <0.0005-<0.0005 Blank <0.0005 Standard name DMR-0476-2017-22-Eu Result 1.095 Accuracy 96.1% Limit 0.91 - 1.37
Dissolved Nickel (Ni) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0915 Accuracy 91.5% Limit 0.0800 - 0.1200
Nitrate (NO3) mg N/L	Sample duplicate <0.0005-<0.0005 Blank <0.01
Nitrite (NO2) mg N/L	Blank <0.01 Standard name DMR-0417-2017-NO2 Result 2.65 Accuracy 97.8% Limit 2.30 - 3.12
Ortho-Phosphate (O-PO4) mg P/L	Blank <0.01

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Quality control Report

Lab number: V-68061

Sample name: KIA-EFF-2

Sampling location: TPL

Sampling date: September 13, 2017

Sampling hour: 13:00

Parameter	
	Standard name DMR-0417-2017-OPO4
	Result 3.28
	Accuracy 97.2%
	Limit 2.81 - 3.57
pH	Standard name STD pH 7.0
	Result 7.03
	Accuracy 99.6%
	Limit 6.96 - 7.04
Lead (Pb) mg/L	Blank <0.0003
	Standard name DMR-0476-2017-22-Eu
	Result 0.9364
	Accuracy 96.3%
	Limit 0.722 - 1.084
Dissolved Lead (Pb) mg/L	Blank <0.0003
	Standard name C00-046-705_X_1000
	Result 0.0986
	Accuracy 98.6%
	Limit 0.0800 - 0.1200
Potassium (K) mg/L	Sample duplicate <0.0003-<0.0003
	Blank <0.05
	Standard name DMR-0476-2017-22-Eu
	Result 15.9
	Accuracy 89.3%
	Limit 14.2 - 21.4
Selenium (Se) mg/L	Blank <0.001
	Standard name DMR-0476-2017-22-Eu
	Result 1.48
	Accuracy 90.4%
	Limit 1.08 - 1.62
Dissolved Selenium (Se) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.101
	Accuracy 99%
	Limit 0.0800 - 0.1200
	Sample duplicate <0.001-<0.001
Sodium (Na) mg/L	Blank <0.05
	Standard name DMR-0476-2017-22-Eu
	Result 22.4
	Accuracy 82.7%
	Limit 21.7 - 32.5

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

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



Quality control Report

Lab number: V-68061

Sample name: KIA-EFF-2

Sampling location: TPL

Sampling date: September 13, 2017

Sampling hour: 13:00

Parameter	
Strontium (Sr) mg/L	Blank <0.005
Sulfate (SO4) mg SO4/L	Blank <0.6
	Standard name DMR-0417-2017-SO4
	Result 130
	Accuracy 94.3%
	Limit 114 - 132
Tellurium (Te) mg/L	Blank <0.0005
Thallium (Tl) mg/L	Blank <0.0008
	Standard name TI-S140909023-1000ppm
	Result 838
	Accuracy 83.8%
	Limit 800 - 1200
Thiocyanate (SCN) mg SCN/L	Blank <0.05
	Standard name STD SCN 568ppm
	Result 594
	Accuracy 95.4%
	Limit 398 - 738
Thiosulfates (S2O3) mg S2O3/L	Blank <0.02
	Standard name S2O3-225ppm
	Result 270
	Accuracy 80%
	Limit 158 - 293
Titanium (Ti) mg/L	Blank <0.01
Dissolved titanium (Ti) mg/L	Blank <0.01
	Sample duplicate <0.01-<0.01
Turbidity UTN	Standard name DMR-0417-2017-Turb
	Result 5.38
	Accuracy 96.3%
	Limit 4.41 - 5.97
Uranium (U) mg/L	Blank <0.001
	Standard name DMR-0476-2017-22-Eu
	Result 2.01
	Accuracy 85.8%
	Limit 1.41 - 2.11
Dissolved Uranium (U) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.112
	Accuracy 88%
	Limit 0.0800 - 0.1200
	Sample duplicate <0.001-<0.001

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

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Quality control Report

Lab number: V-68061

Sample name: KIA-EFF-2

Sampling location: TPL

Sampling date: September 13, 2017

Sampling hour: 13:00

Parameter

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

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

Zinc (Zn) mg/L
Sample duplicate <0.0005-<0.0005
Blank <0.001
Standard name DMR-0476-2017-22-Eu
Result 4.83
Accuracy 94.1%
Limit 3.65 - 5.47

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

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



Additional information

Lab number: V-68061

Sample name: KIA-EFF-2

Sampling location: TPL

Sampling date: September 13, 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

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-68160

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

Sampling date: September 18, 2017

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

Sampling hour: 08:30

Sampled by: MT/FL

Date received: September 19, 2017

Matrix: Water

Drinking water distribution:

Corrected certificate, replacing the certificate V-68160 done on September 20 2017

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

Results relate only to the sample tested.

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

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



Analytical Report

Lab number: V-68160

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

Sampling date: September 18, 2017

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

Sampling hour: 08:30

Parameter	Result	Method name	Analysis date
Total Suspended Solids	34 mg/L	M-SOLI-1.0	September 20, 2017
Total Suspended Solids	32 mg/L	M-SOLI-1.0	September 22, 2017

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

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



Detection limit

Lab number: V-68160

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

Sampling date: September 18, 2017

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

Sampling hour: 08:30

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

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

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



Quality control Report

Lab number: V-68160

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

Sampling date: September 18, 2017

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

Sampling hour: 08:30

Parameter

Total Suspended Solids mg/L	Blank <1
	Standard name STD-MES 25mg/L
	Result 24
	Accuracy 96%
	Limit 19 - 31

Total Suspended Solids mg/L	Blank <1
	Standard name STD-MES 250mg/L
	Result 256
	Accuracy 97.6%
	Limit 194 - 306

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

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

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Additional information

Lab number: V-68160

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

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

Sampling date: September 18, 2017

Sampling hour: 08:30

Lab method	Method reference
M-SOLI-1.0	MA.104-S.S. 1.1

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

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

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

Lab number: V-68371

Sampling location: ST-8/ST-MMER-3a Weekly 65°01'11.2"N 96°02'32.0"W

Sampling date: September 21, 2017

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

Sampling hour: 08:00

Sampled by: FL-TT

Date received: September 22, 2017

Matrix: Water

Reported on: September 25, 2017

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

Results relate only to the sample tested.

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

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

Lab number: V-68371

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

Sampling date: September 21, 2017

Sampling location: ST-8/ST-MMER-3a Weekly 65°01'11.2"N 96°02'32.0"W

Sampling hour: 08:00

Parameter	Result	Method name	Analysis date
Total Suspended Solids	<1 mg/L	M-SOLI-1.0	September 25, 2017

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

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Detection limit

Lab number: V-68371

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

Sampling date: September 21, 2017

Sampling location: ST-8/ST-MMER-3a Weekly 65°01'11.2"N 96°02'32.0"W

Sampling hour: 08:00

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

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

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



Additional information

Lab number: V-68371

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

Sampling date: September 21, 2017

Sampling location: ST-8/ST-MMER-3a Weekly 65°01'11.2"N 96°02'32.0"W

Sampling hour: 08:00

Lab method	Method reference
M-SOLI-1.0	MA.104-S.S. 1.1

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

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

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

Lab number: V-68472

Sampling location: WEP 1

Sampling date: September 25, 2017

Sample name: ST-30

Sampling hour: 15:00

Sampled by: TT/FL

Date received: September 26, 2017

Matrix: Waste Water

Reported on: October 12, 2017

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

Results relate only to the sample tested.

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

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



Analytical Report

Lab number: V-68472

Sample name: ST-30

Sampling location: WEP 1

Sampling date: September 25, 2017

Sampling hour: 15:00

Parameter	Result	Method name	Analysis date
Alkalinity	175 mg CaCO ₃ /L	M-TIT-1.0	September 26, 2017
Aluminium (Al)	0.263 mg/L	Sous-traitance\Multilab Direct	October 05, 2017
Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	October 05, 2017
Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	October 05, 2017
Barium (Ba)	0.0250 mg/L	Sous-traitance\Multilab Direct	October 05, 2017
Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	October 05, 2017
Chloride	10.9 mg/L	Sous-traitance\Multilab Direct	October 06, 2017
Chrome (Cr)	0.0011 mg/L	Sous-traitance\Multilab Direct	October 05, 2017
Copper (Cu)	0.0058 mg/L	Sous-traitance\Multilab Direct	October 05, 2017
Cyanide W.A.D.	0.002 mg/L	Sous-traitance\Multilab Direct	October 06, 2017
Total Cyanide (CNT)	0.014 mg/L	Sous-traitance\Multilab Direct	October 06, 2017
Hardness	230 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	October 05, 2017
Iron (Fe)	3.50 mg/L	Sous-traitance\Multilab Direct	October 05, 2017
Fluoride (F)	0.27 mg/L	Sous-traitance\Multilab Direct	October 28, 2017
Total Suspended Solids	9 mg/L	M-SOLI-1.0	September 27, 2017
Manganese (Mn)	1.512 mg/L	Sous-traitance\Multilab Direct	October 05, 2017
Mercury (Hg)	0.00001 mg/L	Sous-traitance\Multilab Direct	October 06, 2017
Molybdenum (Mo)	<0.0005 mg/L	Sous-traitance\Multilab Direct	October 05, 2017
Nickel (Ni)	0.0191 mg/L	Sous-traitance\Multilab Direct	October 05, 2017
Nitrate (NO ₃)	0.39 mg N/L	Sous-traitance\Multilab Direct	September 27, 2017
Nitrite (NO ₂)	0.02 mg N/L	Sous-traitance\Multilab Direct	September 27, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	October 05, 2017
Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	October 05, 2017
Dissolved Solids	386 mg/L	M-TIT-1.0	September 26, 2017
Sulfate (SO ₄)	136 mg SO ₄ /L	Sous-traitance\Multilab Direct	September 27, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	October 11, 2017
Zinc (Zn)	0.002 mg/L	Sous-traitance\Multilab Direct	October 05, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	2.12 mg N/L	Sous-traitance\Multilab Direct	September 28, 2017
Ammonia NH ₃ (non-ionized)	<0.01 mg N/L	Sous-traitance\Multilab Direct	September 28, 2017

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

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Detection limit

Lab number: V-68472

Sample name: ST-30

Sampling location: WEP 1

Sampling date: September 25, 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	
Silver (Ag)	0.0001	mg/L	Sous-traitance	Yes
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Chloride	0.5	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Cyanide W.A.D.	0.001	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO ₃ /L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes
Fluoride (F)	0.01	mg/L	Sous-traitance	Yes
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Nitrate (NO ₃)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO ₂)	0.01	mg N/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Dissolved Solids	1	mg/L	M-TIT-1.0	
Sulfate (SO ₄)	0.6	mg SO ₄ /L	Sous-traitance	Yes
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes
Ammonia nitrogen (NH ₃ -NH ₄)	0.01	mg N/L	Sous-traitance	Yes
Ammonia NH ₃ (non-ionized)	0.01	mg N/L	Sous-traitance	-

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

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Quality control Report

Lab number: V-68472

Sample name: ST-30

Sampling location: WEP 1

Sampling date: September 25, 2017

Sampling hour: 15:00

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 142 Accuracy 97.9% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006 Standard name DMR-0476-2017-22-Eu Result 5.35 Accuracy 85.3% Limit 5.02 - 7.52
Silver (Ag) mg/L	Blank <0.0001
Arsenic (As) mg/L	Blank <0.0005 Standard name DMR-0476-2017-22-Eu Result 0.2599 Accuracy 91.5% Limit 0.199 - 0.369
Ammonia nitrogen (NH ₃ -NH ₄) mg N/L	Blank <0.01 Standard name DMR-0417-2017-NH ₃ -NH ₄ Result 2.32 Accuracy 91.1% Limit 1.81 - 2.45
Barium (Ba) mg/L	Blank <0.0005 Standard name DMR-0476-2017-22-Eu Result 2.214 Accuracy 91.1% Limit 1.94 - 2.92
Cadmium (Cd) mg/L	Blank <0.00002 Standard name DMR-0476-2017-22-Eu Result 0.77589 Accuracy 86.1% Limit 0.721 - 1.081
Chloride mg/L	Blank <0.5 Standard name DMR-0476-2017-13-CL Result 118 Accuracy 90.7% Limit 95 - 121
Chrome (Cr) mg/L	Blank <0.0006 Standard name DMR-0476-2017-22-Eu Result 3.551 Accuracy 87.7% Limit 3.24 - 4.86

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

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Quality control Report

Lab number: V-68472

Sample name: ST-30

Sampling location: WEP 1

Sampling date: September 25, 2017

Sampling hour: 15:00

Parameter	
Copper (Cu) mg/L	Blank <0.0005 Standard name DMR-0476-2017-22-Eu Result 1.247 Accuracy 97.4% Limit 1.02 - 1.54
Cyanide W.A.D. mg/L	Blank <0.001 Standard name DMR-0343-CN Result 0.878 Accuracy 99.4% Limit 0.751 - 1.015
Total Cyanide (CNT) mg/L	Blank <0.001 Standard name DMR-0343-CN Result 1.18 Accuracy 100% Limit 1.003 - 1.357
Iron (Fe) mg/L	Blank <0.01 Standard name DMR-0476-2017-22-Eu Result 11.4 Accuracy 100% Limit 9.1 - 13.7
Fluoride (F) mg/L	Blank <0.02 Standard name Controle maison 2 ppm F Result 1.93 Accuracy 96.5% Limit 1.85 - 2.15
Total Suspended Solids mg/L	Blank <1 Standard name STD-MES 25mg/L Result 24 Accuracy 96% Limit 19 - 31
Manganese (Mn) mg/L	Blank <0.0005 Standard name DMR-0476-2017-22-Eu Result 3.327 Accuracy 85.3% Limit 3.12 - 4.68
Mercury (Hg) mg/L	Blank <0.00001 Standard name DMR-0564-2016-14HgEu Result 0.00066 Accuracy 100% Limit 0.00040 - 0.00092

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

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Quality control Report

Lab number: V-68472

Sample name: ST-30

Sampling location: WEP 1

Sampling date: September 25, 2017

Sampling hour: 15:00

Parameter	
Molybdenum (Mo) mg/L	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu
	Result 0.5915
	Accuracy 83.5%
	Limit 0.566 - 0.850
Ammonia NH3 (non-ionized) mg N/L	Blank <0.01
Nickel (Ni) mg/L	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu
	Result 1.057
	Accuracy 92.7%
	Limit 0.91 - 1.37
Nitrate (NO3) mg N/L	Blank <0.01
Nitrite (NO2) mg N/L	Blank <0.01
	Standard name DMR-0476-2017-NO2
	Result 2.72
	Accuracy 99.6%
	Limit 2.30 - 3.12
Lead (Pb) mg/L	Blank <0.0003
	Standard name DMR-0476-2017-22-Eu
	Result 0.8741
	Accuracy 96.8%
	Limit 0.722 - 1.084
Selenium (Se) mg/L	Blank <0.001
	Standard name DMR-0476-2017-22-Eu
	Result 1.23
	Accuracy 91.1%
	Limit 1.08 - 1.62
Sulfate (SO4) mg SO4/L	Blank <0.6
	Standard name DMR-0476-2017-SO4
	Result 124
	Accuracy 99.2%
	Limit 114 - 132
Thallium (Tl) mg/L	Blank <0.0008
	Standard name TI-S140909023-1000ppm
	Result 1075
	Accuracy 92.5%
	Limit 800 - 1200
Zinc (Zn) mg/L	Blank <0.001
	Standard name DMR-0476-2017-22-Eu
	Result 4.14

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

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



Quality control Report

Lab number: V-68472

Sample name: ST-30

Sampling location: WEP 1

Sampling date: September 25, 2017

Sampling hour: 15:00

Parameter

Accuracy 90.8%

Limit 3.65 - 5.47

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

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



Additional information

Lab number: V-68472

Sample name: ST-30

Sampling location: WEP 1

Sampling date: September 25, 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-CN-1.0	MA.300-CN 1.2
M-CI-1.0	MA.300-Anions 1.0
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-SULF-2.0	MA.300-Ions 1.3
M-NH3-2.0	MA.300-N 2.0

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

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



Analytical Report

Company: **Agnico Eagle Division Meadowbank**

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

Lab number: V-68740

Sampling location: ST-21

Sampling date: October 02, 2017

Sample name: ST-21

Sampling hour: 08:45

Sampled by: TT/IC

Date received: October 03, 2017

Matrix: Waste Water

Drinking water distribution:

Reported on: October 24, 2017

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

Results relate only to the sample tested.

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

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



Analytical Report

Lab number: V-68740

Sample name: ST-21

Sampling location: ST-21

Sampling date: October 02, 2017

Sampling hour: 08:45

Parameter	Result	Method name	Analysis date
Alkalinity	112 mg CaCO ₃ /L	M-TIT-1.0	October 03, 2017
Aluminium (Al)	0.052 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Dissolved Aluminium (Al)	0.018 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Dissolved Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Arsenic (As)	0.0076 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Dissolved Arsenic (As)	0.0091 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	51.8 mg N/L	Sous-traitance\Multilab Direct	October 04, 2017
Barium (Ba)	0.0592 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Dissolved Barium (Ba)	0.0627 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Cadmium (Cd)	0.00162 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Dissolved Cadmium (Cd)	0.00191 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Calcium (Ca)	318 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Dissolved Organic Carbon (D.O.C)	26.6 mg/L	M-COT-1.0	October 03, 2017
Chloride	338 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Chrome (Cr)	0.0013 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Dissolved Chromium (Cr)	0.0010 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Copper (Cu)	0.3184 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Dissolved Copper (Cu)	0.2982 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Cyanates (CNO)	44.4 mg CNO/L	Sous-traitance\Multilab Direct	October 05, 2017
Cyanide W.A.D.	0.061 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Total Cyanide (CNT)	0.096 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Hardness	918 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	October 04, 2017
Iron (Fe)	0.27 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Dissolved Iron (Fe)	0.02 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Ferrous Iron (Fe 2+)	0.04 mg/L	Sous-traitance\Multilab Direct	October 05, 2017
Ferric Iron (Fe 3+)	0.23 mg/L	Sous-traitance\Multilab Direct	October 05, 2017
Fluoride (F)	0.58 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Total Suspended Solids	7 mg/L	M-SOLI-1.0	October 04, 2017
Magnesium (Mg)	30.2 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Manganese (Mn)	0.2341 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Dissolved Manganese (Mn)	0.2344 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Mercury (Hg)	0.00028 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Dissolved Mercury (Hg)	0.00027 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Molybdenum (Mo)	0.4269 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Dissolved Molybdenum (Mo)	0.4562 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Ammonia NH ₃ (non-ionized)	1.29 mg N/L	Sous-traitance\Multilab Direct	October 04, 2017
Nickel (Ni)	0.2159 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Dissolved Nickel (Ni)	0.2232 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Nitrate (NO ₃)	2.92 mg N/L	Sous-traitance\Multilab Direct	October 05, 2017

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

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Analytical Report

Lab number: V-68740

Sample name: ST-21

Sampling location: ST-21

Sampling date: October 02, 2017

Sampling hour: 08:45

Parameter	Result	Method name	Analysis date
Nitrite (NO ₂)	0.16 mg N/L	Sous-traitance\Multilab Direct	October 05, 2017
Total Phosphorus (P)	0.06 mg P/L	Sous-traitance\Multilab Direct	October 05, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Dissolved Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Potassium (K)	95.0 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Selenium (Se)	0.044 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Selenium IV	0.002 mg/L	Sous-traitance\CEAEQ	October 16, 2017
Selenium VI	0.037 mg/L	Sous-traitance\CEAEQ	October 16, 2017
Dissolved Selenium (Se)	0.043 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Sodium (Na)	455 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Dissolved Solids	2864 mg/L	M-TIT-1.0	October 03, 2017
Sulfate (SO ₄)	74.2 mg SO ₄ /L	Sous-traitance\Multilab Direct	October 04, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Dissolved thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Thiocyanate (SCN)	98.3 mg SCN/L	Sous-traitance\Multilab Direct	October 05, 2017
Zinc (Zn)	<0.001 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Dissolved Zinc	<0.001 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Acidity	10 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	October 24, 2017

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

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Detection limit

Lab number: V-68740

Sample name: ST-21

Sampling location: ST-21

Sampling date: October 02, 2017

Sampling hour: 08:45

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO ₃ /L	M-TIT-1.0	
Aluminium (Al)	0.003	mg/L	Sous-traitance	
Dissolved Aluminium (Al)	0.003	mg/L	Sous-traitance	
Silver (Ag)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Silver (Ag)	0.0001	mg/L	Sous-traitance	
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Arsenic (As)	0.0005	mg/L	Sous-traitance	
Ammonia nitrogen (NH ₃ -NH ₄)	0.01	mg N/L	Sous-traitance	Yes
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Barium (Ba)	0.0005	mg/L	Sous-traitance	
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Dissolved Cadmium (Cd)	0.00002	mg/L	Sous-traitance	
Calcium (Ca)	0.03	mg/L	Sous-traitance	Yes
Dissolved Organic Carbon (D.O.C)	0.2	mg/L	M-COT-1.0	--
Chloride	0.5	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Dissolved Chromium (Cr)	0.0006	mg/L	Sous-traitance	
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Copper (Cu)	0.0005	mg/L	Sous-traitance	
Cyanates (CNO)	0.01	mg CNO/L	Sous-traitance	
Cyanide W.A.D.	0.001	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO ₃ /L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes
Dissolved Iron (Fe)	0.01	mg/L	Sous-traitance	
Ferrous Iron (Fe 2+)		mg/L	Sous-traitance	
Ferric Iron (Fe 3+)		mg/L	Sous-traitance	
Fluoride (F)	0.01	mg/L	Sous-traitance	Yes
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Magnesium (Mg)	0.02	mg/L	Sous-traitance	Yes
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Manganese (Mn)	0.0003	mg/L	Sous-traitance	
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Dissolved Mercury (Hg)	0.00001	mg/L	Sous-traitance	
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	
Ammonia NH ₃ (non-ionized)	0.01	mg N/L	Sous-traitance	-
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Nickel (Ni)	0.0005	mg/L	Sous-traitance	
Nitrate (NO ₃)	0.01	mg N/L	Sous-traitance	Yes

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Detection limit

Lab number: V-68740

Sample name: ST-21

Sampling location: ST-21

Sampling date: October 02, 2017

Sampling hour: 08:45

Parameter	Value	Unit	Method	Accreditation
Nitrite (NO ₂)	0.01	mg N/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
Selenium IV	0.001	mg/L	Sous-traitance	
Selenium VI	0.001	mg/L	Sous-traitance	
Dissolved Selenium (Se)	0.001	mg/L	Sous-traitance	
Sodium (Na)	0.05	mg/L	Sous-traitance	Yes
Dissolved Solids	1	mg/L	M-TIT-1.0	
Sulfate (SO ₄)	0.6	mg SO ₄ /L	Sous-traitance	Yes
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Dissolved thallium (Tl)	0.0008	mg/L	Sous-traitance	
Thiocyanate (SCN)	0.05	mg SCN/L	Sous-traitance	Yes
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes
Dissolved Zinc	0.001	mg/L	Sous-traitance	
Acidity	2	mg CaCO ₃ /L	M-TIT-1.0	

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Quality control Report

Lab number: V-68740

Sample name: ST-21

Sampling location: ST-21

Sampling date: October 02, 2017

Sampling hour: 08:45

Parameter	
Acidity mg CaCO ₃ /L	Standard name CQ-Acidité-2017-09-27 Result 220 Accuracy 88% Limit 213 - 288
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 135 Accuracy 93.1% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006 Standard name C00-046-705_X_1000 Result 0.880 Accuracy 88% Limit 0.800 - 1.200
Dissolved Aluminium (Al) mg/L	Blank <0.006 Standard name C00-046-705_X_1000 Result 0.893 Accuracy 89.3% Limit 0.800 - 1.200
Silver (Ag) mg/L	Blank <0.0001
Dissolved Silver (Ag) mg/L	Blank <0.0001
Arsenic (As) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0786 Accuracy 78.6% Limit 0.0700 - 0.1300
Dissolved Arsenic (As) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0811 Accuracy 81.1% Limit 0.0800 - 0.1200
Ammonia nitrogen (NH ₃ -NH ₄) m	Blank <0.01
Barium (Ba) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0833 Accuracy 83.3% Limit 0.0800 - 0.1200
Dissolved Barium (Ba) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0831 Accuracy 83.1%

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Quality control Report

Lab number: V-68740

Sample name: ST-21

Sampling location: ST-21

Sampling date: October 02, 2017

Sampling hour: 08:45

Parameter	
Cadmium (Cd) mg/L	Limit 0.0800 - 0.1200 Blank <0.00002 Standard name DMR-0476-2017-22-Eu Result 0.88228 Accuracy 97.9%
Dissolved Cadmium (Cd) mg/L	Limit 0.721 - 1.081 Blank <0.00002 Standard name DMR-0476-2017-22-Eu Result 0.80257 Accuracy 89.1%
Calcium (Ca) mg/L	Limit 0.721 - 1.081 Blank <0.03 Standard name C00-046-705_X_1000 Result 0.84 Accuracy 84%
Dissolved Organic Carbon (D.O.C) mg/L	Limit 0.800 - 1.200 Blank <0.2 Standard name COD 10mg/L Result 11 Accuracy 90%
Chloride mg/L	Limit 8 - 12 Blank <0.5 Standard name DMR-0476-2017-13-CL Result 108 Accuracy 100%
Chrome (Cr) mg/L	Limit 95 - 121 Blank <0.0006 Standard name C00-046-705_X_1000 Result 0.0809 Accuracy 80.9%
Dissolved Chromium (Cr) mg/L	Limit 0.0800 - 0.1200 Blank <0.0006 Standard name C00-046-705_X_1000 Result 0.0838 Accuracy 83.8%
Copper (Cu) mg/L	Limit 0.0800 - 0.1200 Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0885 Accuracy 88.5%

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Quality control Report

Lab number: V-68740

Sample name: ST-21

Sampling location: ST-21

Sampling date: October 02, 2017

Sampling hour: 08:45

Parameter	
Dissolved Copper (Cu) mg/L	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0910
	Accuracy 91%
Cyanates (CNO) mg CNO/L	Limit 0.0800 - 0.1200
	Blank <0.01
	Standard name Controle Maison CNO 250 ppm
	Result 303
	Accuracy 78.8%
Cyanide W.A.D. mg/L	Limit 175 - 325
	Blank <0.001
	Standard name DMR-0343-CN
	Result 0.858
	Accuracy 97.2%
Total Cyanide (CNT) mg/L	Limit 0.751 - 1.015
	Blank <0.001
	Standard name DMR-0343-CN
	Result 1.18
	Accuracy 100%
Iron (Fe) mg/L	Limit 1.003 - 1.357
	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.04
	Accuracy 96%
Dissolved Iron (Fe) mg/L	Limit 0.800 - 1.200
	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.06
	Accuracy 94%
Ferrous Iron (Fe 2+) mg/L	Limit 0.800 - 1.200
	Blank <0.01
	Standard name Maison-Fe++-0.5ppm
	Result 0.52
	Accuracy 96%
Ferric Iron (Fe 3+) mg/L	Limit 0.4 - 0.6
	Blank <0.01
Fluoride (F) mg/L	Blank <0.01
Total Suspended Solids mg/L	Blank <1
	Standard name STD-MES 25mg/L

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Quality control Report

Lab number: V-68740

Sample name: ST-21

Sampling location: ST-21

Sampling date: October 02, 2017

Sampling hour: 08:45

Parameter	
Magnesium (Mg) mg/L	Result 23
	Accuracy 92%
	Limit 19 - 31
	Blank <0.02
	Standard name C00-046-705_X_1000
Manganese (Mn) mg/L	Result 0.86
	Accuracy 86%
	Limit 0.800 - 1.200
	Blank <0.0005
	Standard name C00-046-705_X_1000
Dissolved Manganese (Mn) mg/L	Result 0.0843
	Accuracy 84.3%
	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name C00-046-705_X_1000
Mercury (Hg) mg/L	Result 0.0867
	Accuracy 86.7%
	Limit 0.0800 - 0.1200
	Blank <0.00001
	Standard name DMR-0426-2016-HgEu-1
Dissolved Mercury (Hg) mg/L	Result 0.00325
	Accuracy 75.6%
	Limit 0.0026 - 0.0060
	Blank <0.00001
	Standard name DMR-0426-2016-HgEu-1
Molybdenum (Mo) mg/L	Result 0.00335
	Accuracy 77.9%
	Limit 0.0026 - 0.0060
	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu
Dissolved Molybdenum (Mo) mg/L	Result 0.6375
	Accuracy 90%
	Limit 0.566 - 0.850
	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu
Ammonia NH3 (non-ionized) mg	Result 0.5799
	Accuracy 81.9%
	Limit 0.566 - 0.850
	Blank <0.01
	Blank <0.0005

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Quality control Report

Lab number: V-68740

Sample name: ST-21

Sampling location: ST-21

Sampling date: October 02, 2017

Sampling hour: 08:45

Parameter	
	Standard name C00-046-705_X_1000
	Result 0.0860
	Accuracy 86%
	Limit 0.0800 - 0.1200
Dissolved Nickel (Ni) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0875
	Accuracy 87.5%
	Limit 0.0800 - 0.1200
Nitrate (NO3) mg N/L	Blank <0.01
Nitrite (NO2) mg N/L	Blank <0.01
	Standard name DMR-0476-2017-NO2
	Result 2.74
	Accuracy 98.9%
	Limit 2.30 - 3.12
Total Phosphorus (P) mg P/L	Blank <0.01
	Standard name DMR-0476-2017-Ptotal
	Result 1.18
	Accuracy 96.5%
	Limit 1.00 - 1.28
Lead (Pb) mg/L	Blank <0.0003
	Standard name C00-046-705_X_1000
	Result 0.0805
	Accuracy 80.5%
	Limit 0.0800 - 0.1200
Dissolved Lead (Pb) mg/L	Blank <0.0003
	Standard name C00-046-705_X_1000
	Result 0.0833
	Accuracy 83.3%
	Limit 0.0800 - 0.1200
Potassium (K) mg/L	Blank <0.05
	Standard name C00-046-705_X_1000
	Result 0.86
	Accuracy 86%
	Limit 0.800 - 1.200
Selenium (Se) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.088
	Accuracy 88%
	Limit 0.0800 - 0.1200

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Quality control Report

Lab number: V-68740

Sample name: ST-21

Sampling location: ST-21

Sampling date: October 02, 2017

Sampling hour: 08:45

Parameter	
Dissolved Selenium (Se) mg/L	Blank <0.001 Standard name C00-046-705_X_1000 Result 0.090 Accuracy 90% Limit 0.0800 - 0.1200
Sodium (Na) mg/L	Blank <0.05 Standard name DMR-0476-2017-22-Eu Result 28.1 Accuracy 96.3% Limit 21.7 - 32.5
Sulfate (SO4) mg SO4/L	Blank <0.6 Standard name DMR-0476-2017-SO4 Result 124 Accuracy 99.2% Limit 114 - 132
Thallium (Tl) mg/L	Blank <0.0008 Standard name Tl-S140909023-1000ppm Result 918 Accuracy 91.8% Limit 800 - 1200
Dissolved thallium (Tl) mg/L	Blank <0.0008 Standard name Tl-S140909023-1000ppm Result 914 Accuracy 91.4% Limit 800 - 1200
Thiocyanate (SCN) mg SCN/L	Blank <0.05 Standard name STD SCN 568ppm Result 732 Accuracy 71.1% Limit 398 - 738
Zinc (Zn) mg/L	Blank <0.001 Standard name C00-046-705_X_1000 Result 0.087 Accuracy 87% Limit 0.0800 - 0.1200
Dissolved Zinc mg/L	Blank <0.001 Standard name C00-046-705_X_1000 Result 0.089 Accuracy 89% Limit 0.0800 - 0.1200

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Additional information

Lab number: V-68740

Sample name: ST-21

Sampling location: ST-21

Sampling date: October 02, 2017

Sampling hour: 08:45

Use PO 623912

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

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

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

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

Lab number: V-68741

Sampling location: ST-S-5

Sampling date: October 02, 2017

Sample name: ST-S-5 eng

Sampling hour: 08:30

Sampled by: Tom T/Isabelle C

Date received: October 03, 2017

Matrix: Water

Corrected certificate, replacing the certificate V-68741 done on October 08 2017

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

Results relate only to the sample tested.

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

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

Lab number: V-68741

Sample name: ST-S-5 eng

Sampling location: ST-S-5

Sampling date: October 02, 2017

Sampling hour: 08:30

Parameter	Result	Method name	Analysis date
Alkalinity	117 mg CaCO ₃ /L	M-TIT-1.0	October 03, 2017
Aluminium (Al)	0.031 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Dissolved Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Dissolved Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Arsenic (As)	0.0236 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Dissolved Arsenic (As)	0.0085 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	30.8 mg N/L	Sous-traitance\Multilab Direct	October 04, 2017
Barium (Ba)	0.0163 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Dissolved Barium (Ba)	0.0163 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Cadmium (Cd)	0.00089 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Dissolved Cadmium (Cd)	0.00088 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Calcium (Ca)	308 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Dissolved Organic Carbon (D.O.C.)	34.3 mg/L	M-COT-1.0	October 03, 2017
Chloride	382 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Chrome (Cr)	0.0015 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Dissolved Chromium (Cr)	0.0008 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Copper (Cu)	0.0039 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Dissolved Copper (Cu)	0.0033 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Cyanide W.A.D.	0.051 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Total Cyanide (CNT)	0.180 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Hardness	980 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	October 04, 2017
Iron (Fe)	1.39 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Dissolved Iron (Fe)	0.02 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Ferrous Iron (Fe 2+)	0.07 mg/L	Sous-traitance\Multilab Direct	October 05, 2017
Ferric Iron (Fe 3+)	1.32 mg/L	Sous-traitance\Multilab Direct	October 05, 2017
Fluoride (F)	0.71 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Total Suspended Solids	8 mg/L	M-SOLI-1.0	October 04, 2017
Magnesium (Mg)	51.3 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Manganese (Mn)	1.958 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Dissolved Manganese (Mn)	1.951 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	October 05, 2017
Dissolved Mercury (Hg)	0.00005 mg/L	Sous-traitance\Multilab Direct	October 05, 2017
Molybdenum (Mo)	0.2430 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Dissolved Molybdenum (Mo)	0.2466 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Ammonia NH ₃ (non-ionized)	0.64 mg N/L	Sous-traitance\Multilab Direct	October 04, 2017
Nickel (Ni)	0.0181 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Dissolved Nickel (Ni)	0.0182 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Nitrate (NO ₃)	0.35 mg N/L	Sous-traitance\Multilab Direct	October 05, 2017
Nitrite (NO ₂)	0.03 mg N/L	Sous-traitance\Multilab Direct	October 05, 2017

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

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Analytical Report

Lab number: V-68741

Sample name: ST-S-5 eng

Sampling location: ST-S-5

Sampling date: October 02, 2017

Sampling hour: 08:30

Parameter	Result	Method name	Analysis date
Dissolved oxygen	10.0 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Total Phosphorus (P)	0.07 mg P/L	Sous-traitance\Multilab Direct	October 05, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Dissolved Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Potassium (K)	65.4 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Selenium (Se)	0.013 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Dissolved Selenium (Se)	0.014 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Sodium (Na)	414 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Dissolved Solids	2623 mg/L	M-TIT-1.0	October 03, 2017
Sulfate (SO4)	168 mg SO4/L	Sous-traitance\Multilab Direct	October 04, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Dissolved thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Zinc (Zn)	<0.001 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Dissolved Zinc	<0.001 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Acidity	13 mg CaCO3/L	Sous-traitance\Multilab Direct	October 11, 2017

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Detection limit

Lab number: V-68741

Sample name: ST-S-5 eng

Sampling location: ST-S-5

Sampling date: October 02, 2017

Sampling hour: 08:30

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO ₃ /L	M-TIT-1.0	
Aluminium (Al)	0.003	mg/L	Sous-traitance	
Dissolved Aluminium (Al)	0.003	mg/L	Sous-traitance	
Silver (Ag)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Silver (Ag)	0.0001	mg/L	Sous-traitance	
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Arsenic (As)	0.0005	mg/L	Sous-traitance	
Ammonia nitrogen (NH ₃ -NH ₄)	0.01	mg N/L	Sous-traitance	Yes
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Barium (Ba)	0.0005	mg/L	Sous-traitance	
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Dissolved Cadmium (Cd)	0.00002	mg/L	Sous-traitance	
Calcium (Ca)	0.03	mg/L	Sous-traitance	Yes
Dissolved Organic Carbon (D.O.C.)	0.2	mg/L	M-COT-1.0	--
Chloride	0.5	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Dissolved Chromium (Cr)	0.0006	mg/L	Sous-traitance	
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Copper (Cu)	0.0005	mg/L	Sous-traitance	
Cyanide W.A.D.	0.001	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO ₃ /L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes
Dissolved Iron (Fe)	0.01	mg/L	Sous-traitance	
Ferrous Iron (Fe 2+)		mg/L	Sous-traitance	
Ferric Iron (Fe 3+)		mg/L	Sous-traitance	
Fluoride (F)	0.01	mg/L	Sous-traitance	Yes
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Magnesium (Mg)	0.02	mg/L	Sous-traitance	Yes
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Manganese (Mn)	0.0003	mg/L	Sous-traitance	
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Dissolved Mercury (Hg)	0.00001	mg/L	Sous-traitance	
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	
Ammonia NH ₃ (non-ionized)	0.01	mg N/L	Sous-traitance	-
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Nickel (Ni)	0.0005	mg/L	Sous-traitance	
Nitrate (NO ₃)	0.01	mg N/L	Sous-traitance	Yes
Nitrite (NO ₂)	0.01	mg N/L	Sous-traitance	Yes

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Detection limit

Lab number: V-68741

Sample name: ST-S-5 eng

Sampling location: ST-S-5

Sampling date: October 02, 2017

Sampling hour: 08:30

Parameter	Value	Unit	Method	Accreditation
Dissolved oxygen	0.1	mg/L	Sous-traitance	
Total Phosphorus (P)	0.01	mg P/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Dissolved Lead (Pb)	0.0003	mg/L	Sous-traitance	
Potassium (K)	0.05	mg/L	Sous-traitance	
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Dissolved Selenium (Se)	0.001	mg/L	Sous-traitance	
Sodium (Na)	0.05	mg/L	Sous-traitance	Yes
Dissolved Solids	1	mg/L	M-TIT-1.0	
Sulfate (SO4)	0.6	mg SO4/L	Sous-traitance	Yes
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Dissolved thallium (Tl)	0.0008	mg/L	Sous-traitance	
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes
Dissolved Zinc	0.001	mg/L	Sous-traitance	
Acidity	2	mg CaCO3/L	M-TIT-1.0	

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Quality control Report

Lab number: V-68741

Sample name: ST-S-5 eng

Sampling location: ST-S-5

Sampling date: October 02, 2017

Sampling hour: 08:30

Parameter	
Acidity mg CaCO ₃ /L	Standard name CQ-Acidité-2017-09-27 Result 238 Accuracy 95.2% Limit 213 - 288
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 135 Accuracy 93.1% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006 Standard name C00-046-705_X_1000 Result 0.880 Accuracy 88% Limit 0.800 - 1.200
Dissolved Aluminium (Al) mg/L	Blank <0.006 Standard name C00-046-705_X_1000 Result 0.893 Accuracy 89.3% Limit 0.800 - 1.200
Silver (Ag) mg/L	Blank <0.0001
Dissolved Silver (Ag) mg/L	Blank <0.0001
Arsenic (As) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0786 Accuracy 78.6% Limit 0.0700 - 0.1300
Dissolved Arsenic (As) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0811 Accuracy 81.1% Limit 0.0800 - 0.1200
Ammonia nitrogen (NH ₃ -NH ₄) mg N/L	Blank <0.01
Barium (Ba) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0833 Accuracy 83.3% Limit 0.0800 - 0.1200
Dissolved Barium (Ba) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0831 Accuracy 83.1%

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Quality control Report

Lab number: V-68741

Sample name: ST-S-5 eng

Sampling location: ST-S-5

Sampling date: October 02, 2017

Sampling hour: 08:30

Parameter	
Cadmium (Cd) mg/L	Limit 0.0800 - 0.1200
	Blank <0.00002
	Standard name DMR-0476-2017-22-Eu
	Result 0.88228
	Accuracy 97.9%
Dissolved Cadmium (Cd) mg/L	Limit 0.721 - 1.081
	Blank <0.00002
	Standard name DMR-0476-2017-22-Eu
	Result 0.80257
	Accuracy 89.1%
Calcium (Ca) mg/L	Limit 0.721 - 1.081
	Blank <0.03
	Standard name C00-046-705_X_1000
	Result 0.84
	Accuracy 84%
Dissolved Organic Carbon (D.O.C.) mg/L	Limit 0.800 - 1.200
	Blank <0.2
	Standard name COD 10mg/L
	Result 11
	Accuracy 90%
Chloride mg/L	Limit 8 - 12
	Blank <0.5
	Standard name DMR-0476-2017-13-CL
	Result 108
	Accuracy 100%
Chrome (Cr) mg/L	Limit 95 - 121
	Blank <0.0006
	Standard name C00-046-705_X_1000
	Result 0.0809
	Accuracy 80.9%
Dissolved Chromium (Cr) mg/L	Limit 0.0800 - 0.1200
	Blank <0.0006
	Standard name C00-046-705_X_1000
	Result 0.0838
	Accuracy 83.8%
Copper (Cu) mg/L	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0885
	Accuracy 88.5%

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Quality control Report

Lab number: V-68741

Sample name: ST-S-5 eng

Sampling location: ST-S-5

Sampling date: October 02, 2017

Sampling hour: 08:30

Parameter	
Dissolved Copper (Cu) mg/L	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0910
	Accuracy 91%
Cyanide W.A.D. mg/L	Limit 0.0800 - 0.1200
	Blank <0.001
	Standard name DMR-0343-CN
	Result 0.858
	Accuracy 97.2%
Total Cyanide (CNT) mg/L	Limit 0.751 - 1.015
	Blank <0.001
	Standard name DMR-0343-CN
	Result 1.18
	Accuracy 100%
Iron (Fe) mg/L	Limit 1.003 - 1.357
	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.04
	Accuracy 96%
Dissolved Iron (Fe) mg/L	Limit 0.800 - 1.200
	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.06
	Accuracy 94%
Ferrous Iron (Fe 2+) mg/L	Limit 0.800 - 1.200
	Blank <0.01
	Standard name Maison-Fe++-0.5ppm
	Result 0.52
	Accuracy 96%
Ferric Iron (Fe 3+) mg/L	Limit 0.4 - 0.6
	Blank <0.01
Fluoride (F) mg/L	Blank <0.01
	Blank <1
Total Suspended Solids mg/L	Standard name STD-MES 25mg/L
	Result 23
	Accuracy 92%
Magnesium (Mg) mg/L	Limit 19 - 31
	Blank <0.02
	Standard name C00-046-705_X_1000

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Quality control Report

Lab number: V-68741

Sample name: ST-S-5 eng

Sampling location: ST-S-5

Sampling date: October 02, 2017

Sampling hour: 08:30

Parameter	
Manganese (Mn) mg/L	Result 0.86
	Accuracy 86%
	Limit 0.800 - 1.200
	Blank <0.0005
	Standard name C00-046-705_X_1000
Dissolved Manganese (Mn) mg/L	Result 0.0843
	Accuracy 84.3%
	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name C00-046-705_X_1000
Mercury (Hg) mg/L	Result 0.0867
	Accuracy 86.7%
	Limit 0.0800 - 0.1200
	Blank <0.00001
	Standard name DMR-0426-2016-HgEu-1
Dissolved Mercury (Hg) mg/L	Result 0.00319
	Accuracy 74.2%
	Limit 0.0026 - 0.0060
	Blank <0.00001
	Standard name DMR-0426-2016-HgEu-1
Molybdenum (Mo) mg/L	Result 0.00333
	Accuracy 77.4%
	Limit 0.0026 - 0.0060
	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu
Dissolved Molybdenum (Mo) mg/L	Result 0.6375
	Accuracy 90%
	Limit 0.566 - 0.850
	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu
Ammonia NH ₃ (non-ionized) mg N/L	Result 0.5799
	Accuracy 81.9%
	Limit 0.566 - 0.850
	Blank <0.01
	Blank <0.0005
Dissolved Nickel (Ni) mg/L	Standard name C00-046-705_X_1000
	Result 0.0860
	Accuracy 86%
	Limit 0.0800 - 0.1200
	Blank <0.0005

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Quality control Report

Lab number: V-68741

Sample name: ST-S-5 eng

Sampling location: ST-S-5

Sampling date: October 02, 2017

Sampling hour: 08:30

Parameter	
	Standard name C00-046-705_X_1000
	Result 0.0875
	Accuracy 87.5%
	Limit 0.0800 - 0.1200
Nitrate (NO3) mg N/L	Blank <0.01
Nitrite (NO2) mg N/L	Blank <0.01
	Standard name DMR-0476-2017-NO2
	Result 2.74
	Accuracy 98.9%
	Limit 2.30 - 3.12
Total Phosphorus (P) mg P/L	Blank <0.01
	Standard name DMR-0476-2017-Ptotal
	Result 1.18
	Accuracy 96.5%
	Limit 1.00 - 1.28
Lead (Pb) mg/L	Blank <0.0003
	Standard name C00-046-705_X_1000
	Result 0.0805
	Accuracy 80.5%
	Limit 0.0800 - 0.1200
Dissolved Lead (Pb) mg/L	Blank <0.0003
	Standard name C00-046-705_X_1000
	Result 0.0833
	Accuracy 83.3%
	Limit 0.0800 - 0.1200
Potassium (K) mg/L	Blank <0.05
	Standard name C00-046-705_X_1000
	Result 0.86
	Accuracy 86%
	Limit 0.800 - 1.200
Selenium (Se) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.088
	Accuracy 88%
	Limit 0.0800 - 0.1200
Dissolved Selenium (Se) 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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Quality control Report

Lab number: V-68741

Sample name: ST-S-5 eng

Sampling location: ST-S-5

Sampling date: October 02, 2017

Sampling hour: 08:30

Parameter

Sodium (Na) mg/L	Blank	<0.05
	Standard name	DMR-0476-2017-22-Eu
	Result	28.1
	Accuracy	96.3%
	Limit	21.7 - 32.5
Sulfate (SO4) mg SO4/L	Blank	<0.6
	Standard name	DMR-0476-2017-SO4
	Result	124
	Accuracy	99.2%
	Limit	114 - 132
Thallium (Tl) mg/L	Blank	<0.0008
	Standard name	TI-S140909023-1000ppm
	Result	918
	Accuracy	91.8%
	Limit	800 - 1200
Dissolved thallium (Tl) mg/L	Blank	<0.0008
	Standard name	TI-S140909023-1000ppm
	Result	914
	Accuracy	91.4%
	Limit	800 - 1200
Zinc (Zn) mg/L	Blank	<0.001
	Standard name	C00-046-705_X_1000
	Result	0.087
	Accuracy	87%
	Limit	0.0800 - 0.1200
Dissolved Zinc mg/L	Blank	<0.001
	Standard name	C00-046-705_X_1000
	Result	0.089
	Accuracy	89%
	Limit	0.0800 - 0.1200

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Additional information

Lab number: V-68741

Sample name: ST-S-5 eng

Sampling location: ST-S-5

Sampling date: October 02, 2017

Sampling hour: 08:30

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

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

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

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

Lab number: V-68741

Sampling location: ST-S-5

Sampling date: October 02, 2017

Sample name: ST-S-5 eng

Sampling hour: 08:30

Sampled by: Tom T/Isabelle C

Date received: October 03, 2017

Matrix: Water

Drinking water distribution:

Reported on: October 08, 2017

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

Results relate only to the sample tested.

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

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

Lab number: V-68741

Sample name: ST-S-5 eng

Sampling location: ST-S-5

Sampling date: October 02, 2017

Sampling hour: 08:30

Parameter	Result	Method name	Analysis date
Acidity	mg CaCO ₃ /L	Sous-traitance\Multilab Direct	
Alkalinity	117 mg CaCO ₃ /L	M-TIT-1.0	October 03, 2017
Aluminium (Al)	0.031 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Dissolved Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Dissolved Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Arsenic (As)	0.0236 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Dissolved Arsenic (As)	0.0085 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	30.8 mg N/L	Sous-traitance\Multilab Direct	October 04, 2017
Barium (Ba)	0.0163 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Dissolved Barium (Ba)	0.0163 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Cadmium (Cd)	0.00089 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Dissolved Cadmium (Cd)	0.00088 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Calcium (Ca)	308 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Dissolved Organic Carbon (D.O.C.)	34.3 mg/L	M-COT-1.0	October 03, 2017
Chloride	382 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Chrome (Cr)	0.0015 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Dissolved Chromium (Cr)	0.0008 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Copper (Cu)	0.0039 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Dissolved Copper (Cu)	0.0033 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Cyanide W.A.D.	0.051 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Total Cyanide (CNT)	0.180 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Hardness	980 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	October 04, 2017
Iron (Fe)	1.39 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Dissolved Iron (Fe)	0.02 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Ferrous Iron (Fe 2+)	0.07 mg/L	Sous-traitance\Multilab Direct	October 05, 2017
Ferric Iron (Fe 3+)	1.32 mg/L	Sous-traitance\Multilab Direct	October 05, 2017
Fluoride (F)	0.71 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Total Suspended Solids	8 mg/L	M-SOLI-1.0	October 04, 2017
Magnesium (Mg)	51.3 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Manganese (Mn)	1.958 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Dissolved Manganese (Mn)	1.951 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	October 05, 2017
Dissolved Mercury (Hg)	0.00005 mg/L	Sous-traitance\Multilab Direct	October 05, 2017
Molybdenum (Mo)	0.2430 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Dissolved Molybdenum (Mo)	0.2466 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Ammonia NH ₃ (non-ionized)	0.64 mg N/L	Sous-traitance\Multilab Direct	October 04, 2017
Nickel (Ni)	0.0181 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Dissolved Nickel (Ni)	0.0182 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Nitrate (NO ₃)	0.35 mg N/L	Sous-traitance\Multilab Direct	October 05, 2017

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Analytical Report

Lab number: V-68741

Sample name: ST-S-5 eng

Sampling location: ST-S-5

Sampling date: October 02, 2017

Sampling hour: 08:30

Parameter	Result	Method name	Analysis date
Nitrite (NO ₂)	0.03 mg N/L	Sous-traitance\Multilab Direct	October 05, 2017
Dissolved oxygen	10.0 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Total Phosphorus (P)	0.07 mg P/L	Sous-traitance\Multilab Direct	October 05, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Dissolved Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Potassium (K)	65.4 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Selenium (Se)	0.013 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Dissolved Selenium (Se)	0.014 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Sodium (Na)	414 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Dissolved Solids	2623 mg/L	M-TIT-1.0	October 03, 2017
Sulfate (SO ₄)	168 mg SO ₄ /L	Sous-traitance\Multilab Direct	October 04, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Dissolved thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Zinc (Zn)	<0.001 mg/L	Sous-traitance\Multilab Direct	October 04, 2017
Dissolved Zinc	<0.001 mg/L	Sous-traitance\Multilab Direct	October 04, 2017

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

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Detection limit

Lab number: V-68741

Sample name: ST-S-5 eng

Sampling location: ST-S-5

Sampling date: October 02, 2017

Sampling hour: 08:30

Parameter	Value	Unit	Method	Accreditation
Acidity	2	mg CaCO ₃ /L	M-TIT-1.0	
Alkalinity	2	mg CaCO ₃ /L	M-TIT-1.0	
Aluminium (Al)	0.003	mg/L	Sous-traitance	
Dissolved Aluminium (Al)	0.003	mg/L	Sous-traitance	
Silver (Ag)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Silver (Ag)	0.0001	mg/L	Sous-traitance	
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Arsenic (As)	0.0005	mg/L	Sous-traitance	
Ammonia nitrogen (NH ₃ -NH ₄)	0.01	mg N/L	Sous-traitance	Yes
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Barium (Ba)	0.0005	mg/L	Sous-traitance	
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Dissolved Cadmium (Cd)	0.00002	mg/L	Sous-traitance	
Calcium (Ca)	0.03	mg/L	Sous-traitance	Yes
Dissolved Organic Carbon (D.O.C)	0.2	mg/L	M-COT-1.0	--
Chloride	0.5	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Dissolved Chromium (Cr)	0.0006	mg/L	Sous-traitance	
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Copper (Cu)	0.0005	mg/L	Sous-traitance	
Cyanide W.A.D.	0.001	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO ₃ /L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes
Dissolved Iron (Fe)	0.01	mg/L	Sous-traitance	
Ferrous Iron (Fe 2+)		mg/L	Sous-traitance	
Ferric Iron (Fe 3+)		mg/L	Sous-traitance	
Fluoride (F)	0.01	mg/L	Sous-traitance	Yes
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Magnesium (Mg)	0.02	mg/L	Sous-traitance	Yes
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Manganese (Mn)	0.0003	mg/L	Sous-traitance	
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Dissolved Mercury (Hg)	0.00001	mg/L	Sous-traitance	
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	
Ammonia NH ₃ (non-ionized)	0.01	mg N/L	Sous-traitance	-
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Nickel (Ni)	0.0005	mg/L	Sous-traitance	
Nitrate (NO ₃)	0.01	mg N/L	Sous-traitance	Yes

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

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Detection limit

Lab number: V-68741

Sample name: ST-S-5 eng

Sampling location: ST-S-5

Sampling date: October 02, 2017

Sampling hour: 08:30

Parameter	Value	Unit	Method	Accreditation
Nitrite (NO ₂)	0.01	mg N/L	Sous-traitance	Yes
Dissolved oxygen	0.1	mg/L	Sous-traitance	
Total Phosphorus (P)	0.01	mg P/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Dissolved Lead (Pb)	0.0003	mg/L	Sous-traitance	
Potassium (K)	0.05	mg/L	Sous-traitance	
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Dissolved Selenium (Se)	0.001	mg/L	Sous-traitance	
Sodium (Na)	0.05	mg/L	Sous-traitance	Yes
Dissolved Solids	1	mg/L	M-TIT-1.0	
Sulfate (SO ₄)	0.6	mg SO ₄ /L	Sous-traitance	Yes
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Dissolved thallium (Tl)	0.0008	mg/L	Sous-traitance	
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes
Dissolved Zinc	0.001	mg/L	Sous-traitance	

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

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Quality control Report

Lab number: V-68741

Sample name: ST-S-5 eng

Sampling location: ST-S-5

Sampling date: October 02, 2017

Sampling hour: 08:30

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 135 Accuracy 93.1% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006
	Standard name C00-046-705_X_1000 Result 0.880 Accuracy 88% Limit 0.800 - 1.200
Dissolved Aluminium (Al) mg/L	Blank <0.006
	Standard name C00-046-705_X_1000 Result 0.893 Accuracy 89.3% Limit 0.800 - 1.200
Silver (Ag) mg/L	Blank <0.0001
Dissolved Silver (Ag) mg/L	Blank <0.0001
Arsenic (As) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000 Result 0.0786 Accuracy 78.6% Limit 0.0700 - 0.1300
Dissolved Arsenic (As) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000 Result 0.0811 Accuracy 81.1% Limit 0.0800 - 0.1200
Ammonia nitrogen (NH ₃ -NH ₄) m	Blank <0.01
Barium (Ba) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000 Result 0.0833 Accuracy 83.3% Limit 0.0800 - 0.1200
Dissolved Barium (Ba) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000 Result 0.0831 Accuracy 83.1% Limit 0.0800 - 0.1200
Cadmium (Cd) mg/L	Blank <0.00002
	Standard name DMR-0476-2017-22-Eu Result 0.88228

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

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Quality control Report

Lab number: V-68741

Sample name: ST-S-5 eng

Sampling location: ST-S-5

Sampling date: October 02, 2017

Sampling hour: 08:30

Parameter	
Dissolved Cadmium (Cd) mg/L	Accuracy 97.9%
	Limit 0.721 - 1.081
	Blank <0.00002
	Standard name DMR-0476-2017-22-Eu
	Result 0.80257
Calcium (Ca) mg/L	Accuracy 89.1%
	Limit 0.721 - 1.081
	Blank <0.03
	Standard name C00-046-705_X_1000
	Result 0.84
Dissolved Organic Carbon (D.O.C) mg/L	Accuracy 84%
	Limit 0.800 - 1.200
	Blank <0.2
	Standard name COD 10mg/L
	Result 11
Chloride mg/L	Accuracy 90%
	Limit 8 - 12
	Blank <0.5
	Standard name DMR-0476-2017-13-CL
	Result 108
Chrome (Cr) mg/L	Accuracy 100%
	Limit 95 - 121
	Blank <0.0006
	Standard name C00-046-705_X_1000
	Result 0.0809
Dissolved Chromium (Cr) mg/L	Accuracy 80.9%
	Limit 0.0800 - 0.1200
	Blank <0.0006
	Standard name C00-046-705_X_1000
	Result 0.0838
Copper (Cu) mg/L	Accuracy 83.8%
	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0885
Dissolved Copper (Cu) mg/L	Accuracy 88.5%
	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0910

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Quality control Report

Lab number: V-68741

Sample name: ST-S-5 eng

Sampling location: ST-S-5

Sampling date: October 02, 2017

Sampling hour: 08:30

Parameter	
Cyanide W.A.D. mg/L	Accuracy 91%
	Limit 0.0800 - 0.1200
	Blank <0.001
	Standard name DMR-0343-CN
	Result 0.858
Total Cyanide (CNT) mg/L	Accuracy 97.2%
	Limit 0.751 - 1.015
	Blank <0.001
	Standard name DMR-0343-CN
	Result 1.18
Iron (Fe) mg/L	Accuracy 100%
	Limit 1.003 - 1.357
	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.04
Dissolved Iron (Fe) mg/L	Accuracy 96%
	Limit 0.800 - 1.200
	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 1.06
Ferrous Iron (Fe 2+) mg/L	Accuracy 94%
	Limit 0.800 - 1.200
	Blank <0.01
	Standard name Maison-Fe++-0.5ppm
	Result 0.52
Ferric Iron (Fe 3+) mg/L	Accuracy 96%
	Limit 0.4 - 0.6
	Blank <0.01
Fluoride (F) mg/L	Blank <0.01
	Blank <1
Total Suspended Solids mg/L	Standard name STD-MES 25mg/L
	Result 23
	Accuracy 92%
	Limit 19 - 31
	Blank <0.02
Magnesium (Mg) mg/L	Standard name C00-046-705_X_1000
	Result 0.86
	Accuracy 86%
	Limit 0.800 - 1.200
	Blank <0.0005

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Quality control Report

Lab number: V-68741

Sample name: ST-S-5 eng

Sampling location: ST-S-5

Sampling date: October 02, 2017

Sampling hour: 08:30

Parameter	
	Standard name C00-046-705_X_1000
	Result 0.0843
	Accuracy 84.3%
	Limit 0.0800 - 0.1200
Dissolved Manganese (Mn) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0867
	Accuracy 86.7%
	Limit 0.0800 - 0.1200
Mercury (Hg) mg/L	Blank <0.00001
	Standard name DMR-0426-2016-HgEu-1
	Result 0.00319
	Accuracy 74.2%
	Limit 0.0026 - 0.0060
Dissolved Mercury (Hg) mg/L	Blank <0.00001
	Standard name DMR-0426-2016-HgEu-1
	Result 0.00333
	Accuracy 77.4%
	Limit 0.0026 - 0.0060
Molybdenum (Mo) mg/L	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu
	Result 0.6375
	Accuracy 90%
	Limit 0.566 - 0.850
Dissolved Molybdenum (Mo) mg/L	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu
	Result 0.5799
	Accuracy 81.9%
	Limit 0.566 - 0.850
Ammonia NH3 (non-ionized) mg	Blank <0.01
Nickel (Ni) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0860
	Accuracy 86%
	Limit 0.0800 - 0.1200
Dissolved Nickel (Ni) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0875
	Accuracy 87.5%
	Limit 0.0800 - 0.1200

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Quality control Report

Lab number: V-68741

Sample name: ST-S-5 eng

Sampling location: ST-S-5

Sampling date: October 02, 2017

Sampling hour: 08:30

Parameter	
Nitrate (NO ₃) mg N/L	Blank <0.01
Nitrite (NO ₂) mg N/L	Blank <0.01
	Standard name DMR-0476-2017-NO ₂
	Result 2.74
	Accuracy 98.9%
	Limit 2.30 - 3.12
Total Phosphorus (P) mg P/L	Blank <0.01
	Standard name DMR-0476-2017-Ptotal
	Result 1.18
	Accuracy 96.5%
	Limit 1.00 - 1.28
Lead (Pb) mg/L	Blank <0.0003
	Standard name C00-046-705_X_1000
	Result 0.0805
	Accuracy 80.5%
	Limit 0.0800 - 0.1200
Dissolved Lead (Pb) mg/L	Blank <0.0003
	Standard name C00-046-705_X_1000
	Result 0.0833
	Accuracy 83.3%
	Limit 0.0800 - 0.1200
Potassium (K) mg/L	Blank <0.05
	Standard name C00-046-705_X_1000
	Result 0.86
	Accuracy 86%
	Limit 0.800 - 1.200
Selenium (Se) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.088
	Accuracy 88%
	Limit 0.0800 - 0.1200
Dissolved Selenium (Se) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.090
	Accuracy 90%
	Limit 0.0800 - 0.1200
Sodium (Na) mg/L	Blank <0.05
	Standard name DMR-0476-2017-22-Eu
	Result 28.1
	Accuracy 96.3%

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Additional information

Lab number: V-68741

Sample name: ST-S-5 eng

Sampling location: ST-S-5

Sampling date: October 02, 2017

Sampling hour: 08:30

Use PO 623912

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

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

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

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

Lab number: M-121769

Sampling location: STP-IN

Sampling date: October 03, 2017

Sample name: STP-IN

Sampling hour: 07:00

Sampled by: Tom T

Date received: October 04, 2017

Matrix: Waste water

Drinking water distribution: **NA**

Reported on: October 10, 2017

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

Results relate only to the sample tested.

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

Lab number: M-121769

Sample name: STP-IN

Sampling location: STP-IN

Sampling date: October 03, 2017

Sampling hour: 07:00

Parameter	Result	Method name	Analysis date
Fecal coliforms	13 000 000 CFU/100ml	M-COLI-1,0	October 04, 2017
Total coliforms	48 000 000 CFU/100ml	M-COLI-2,0	October 04, 2017
Temperature	8 °C	M-TEMP-1.0	October 04, 2017
Atypical colonies	60 000 000 CFU/100ml	M-COLI-2,0	October 04, 2017

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

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Additional information

Lab number: M-121769

Sample name: STP-IN

Sampling location: STP-IN

Sampling date: October 03, 2017

Sampling hour: 07:00

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

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

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

Company: **Agnico Eagle Division Meadowbank**

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

Lab number: V-68820

Sampling location: STP-IN

Sampling date: October 03, 2017

Sample name: STP-IN

Sampling hour: 07:00

Sampled by: Tom T

Date received: October 04, 2017

Matrix: Waste Water

Drinking water distribution:

Reported on: October 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-68820

Sample name: STP-IN

Sampling location: STP-IN

Sampling date: October 03, 2017

Sampling hour: 07:00

Parameter	Result	Method name	Analysis date
Ammonia nitrogen (NH ₃ -NH ₄)	91.5 mg N/L	Sous-traitance\Multilab Direct	October 12, 2017
Kjeldahl nitrogen	109 mg N/L	Sous-traitance\Multilab Direct	October 12, 2017
BOD-5	237 mg/L	Sous-traitance\H2Lab inc. (SAM)	October 06, 2017
COD	692 mg/L	Sous-traitance\H2Lab inc. (SAM)	October 06, 2017
Total Suspended Solids	400 mg/L	M-SOLI-1.0	October 05, 2017
Ammonia NH ₃ (non-ionized)	1.13 mg N/L	Sous-traitance\Multilab Direct	October 11, 2017
Nitrate (NO ₃)	0.02 mg N/L	Sous-traitance\Multilab Direct	October 06, 2017
Nitrite (NO ₂)	0.03 mg N/L	Sous-traitance\Multilab Direct	October 06, 2017
Total Phosphorus (P)	12.6 mg P/L	Sous-traitance\Multilab Direct	October 12, 2017

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

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Detection limit

Lab number: V-68820

Sample name: STP-IN

Sampling location: STP-IN

Sampling date: October 03, 2017

Sampling hour: 07:00

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

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Quality control Report

Lab number: V-68820

Sample name: STP-IN

Sampling location: STP-IN

Sampling date: October 03, 2017

Sampling hour: 07:00

Parameter

Ammonia nitrogen (NH₃-NH₄) m Blank <0.01
Standard name DMR-0417-2017-NH₃-NH₄
Result 2.20
Accuracy 96.7%
Limit 1.81 - 2.45

Kjeldahl nitrogen mg N/L Blank <0.05
Standard name DMR-0476-2017-NTK
Result 6.32
Accuracy 88.5%
Limit 4.82 - 6.52

Sample duplicate 109-113
Total Suspended Solids mg/L Blank <1
Standard name STD-MES 250mg/L
Result 246
Accuracy 98.4%
Limit 194 - 306

Sample duplicate 400-420
Total Suspended Solids mg/L Standard name STD-MES 25mg/L
Result 24
Accuracy 96%
Limit 19 - 31

Ammonia NH₃ (non-ionized) mg Blank <0.01
Nitrate (NO₃) mg N/L Blank <0.01
Nitrite (NO₂) mg N/L Blank <0.01
Standard name DMR-0476-2017-NO₂
Result 2.98
Accuracy 90%
Limit 2.30 - 3.12

Total Phosphorus (P) mg P/L Blank <0.01
Standard name DMR-0534-2017-Ptotal
Result 1.10
Accuracy 96.5%
Limit 1.00 - 1.28

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

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Additional information

Lab number: V-68820
Sample name: STP-IN
Sampling location: STP-IN

Sampling date: October 03, 2017
Sampling hour: 07:00

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

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

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

Lab number: M-121770

Sampling location: STP-LJMIX

Sampling date: October 03, 2017

Sample name: STP-LJMIX

Sampling hour: 07:05

Sampled by: Tom T

Date received: October 04, 2017

Matrix: Waste water

Drinking water distribution: **NA**

Reported on: October 10, 2017

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

Results relate only to the sample tested.

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

Lab number: M-121770

Sample name: STP-LJMIX

Sampling location: STP-LJMIX

Sampling date: October 03, 2017

Sampling hour: 07:05

Parameter	Result	Method name	Analysis date
Fecal coliforms	1 500 CFU/100ml	M-COLI-1,0	October 04, 2017
Total coliforms	12 000 CFU/100ml	M-COLI-2,0	October 04, 2017
Temperature	8.5 °C	M-TEMP-1.0	October 04, 2017
Atypical colonies	18 000 CFU/100ml	M-COLI-2,0	October 04, 2017

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

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Additional information

Lab number: M-121770

Sample name: STP-LJMIX

Sampling location: STP-LJMIX

Sampling date: October 03, 2017

Sampling hour: 07:05

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

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

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

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

Lab number: M-121771

Sampling location: STP-SEP

Sampling date: October 03, 2017

Sample name: STP-SEP

Sampling hour: 07:10

Sampled by: Tom T

Date received: October 04, 2017

Matrix: Waste water

Drinking water distribution: **NA**

Reported on: October 10, 2017

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

Results relate only to the sample tested.

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

Lab number: M-121771

Sample name: STP-SEP

Sampling location: STP-SEP

Sampling date: October 03, 2017

Sampling hour: 07:10

Parameter	Result	Method name	Analysis date
Fecal coliforms	90 CFU/100ml	M-COLI-1,0	October 04, 2017
Total coliforms	3 000 CFU/100ml	M-COLI-2,0	October 04, 2017
Temperature	11.5 °C	M-TEMP-1.0	October 04, 2017
Atypical colonies	54 000 CFU/100ml	M-COLI-2,0	October 04, 2017

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

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



Additional information

Lab number: M-121771

Sample name: STP-SEP

Sampling location: STP-SEP

Sampling date: October 03, 2017

Sampling hour: 07:10

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

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

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

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

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

Lab number: V-68821

Sampling location: STP-LJMIX

Sampling date: October 03, 2017

Sample name: STP-LJMIX

Sampling hour: 07:05

Sampled by: Tom T

Date received: October 04, 2017

Matrix: Waste Water

Drinking water distribution:

Reported on: October 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-68821

Sample name: STP-LJMIX

Sampling location: STP-LJMIX

Sampling date: October 03, 2017

Sampling hour: 07:05

Parameter	Result	Method name	Analysis date
Ammonia nitrogen (NH ₃ -NH ₄)	13.5 mg N/L	Sous-traitance\Multilab Direct	October 12, 2017
Kjeldahl nitrogen	17.0 mg N/L	Sous-traitance\Multilab Direct	October 12, 2017
BOD-5	12 mg/L	Sous-traitance\H2Lab inc. (SAM)	October 06, 2017
COD	83 mg/L	Sous-traitance\H2Lab inc. (SAM)	October 06, 2017
Total Suspended Solids	15 mg/L	M-SOLI-1.0	October 05, 2017
Ammonia NH ₃ (non-ionized)	0.08 mg N/L	Sous-traitance\Multilab Direct	October 11, 2017
Nitrate (NO ₃)	17.6 mg N/L	Sous-traitance\Multilab Direct	October 06, 2017
Nitrite (NO ₂)	0.77 mg N/L	Sous-traitance\Multilab Direct	October 06, 2017

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

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Detection limit

Lab number: V-68821

Sample name: STP-LJMIX

Sampling location: STP-LJMIX

Sampling date: October 03, 2017

Sampling hour: 07:05

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

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

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Quality control Report

Lab number: V-68821

Sample name: STP-LJMIX

Sampling location: STP-LJMIX

Sampling date: October 03, 2017

Sampling hour: 07:05

Parameter

Ammonia nitrogen (NH₃-NH₄) m Blank <0.01
Standard name DMR-0417-2017-NH₃-NH₄
Result 2.20
Accuracy 96.7%
Limit 1.81 - 2.45

Kjeldahl nitrogen mg N/L Blank <0.05
Standard name DMR-0476-2017-NTK
Result 6.32
Accuracy 88.5%
Limit 4.82 - 6.52

Total Suspended Solids mg/L Blank <1
Standard name STD-MES 250mg/L
Result 246
Accuracy 98.4%
Limit 194 - 306

Total Suspended Solids mg/L Standard name STD-MES 25mg/L
Result 24
Accuracy 96%
Limit 19 - 31

Ammonia NH₃ (non-ionized) mg Blank <0.01
Nitrate (NO₃) mg N/L Blank <0.01
Nitrite (NO₂) mg N/L Blank <0.01
Standard name DMR-0476-2017-NO₂
Result 2.98
Accuracy 90%
Limit 2.30 - 3.12

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

Lab number: V-68821

Sample name: STP-LJMIX

Sampling location: STP-LJMIX

Sampling date: October 03, 2017

Sampling hour: 07:05

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

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

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

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

Lab number: V-68822

Sampling location: STP-SEP

Sampling date: October 03, 2017

Sample name: STP-SEP

Sampling hour: 07:10

Sampled by: Tom T

Date received: October 04, 2017

Matrix: Waste Water

Drinking water distribution:

Reported on: October 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-68822

Sample name: STP-SEP

Sampling location: STP-SEP

Sampling date: October 03, 2017

Sampling hour: 07:10

Parameter	Result	Method name	Analysis date
Ammonia nitrogen (NH ₃ -NH ₄)	70.7 mg N/L	Sous-traitance\Multilab Direct	October 12, 2017
Kjeldahl nitrogen	71.7 mg N/L	Sous-traitance\Multilab Direct	October 12, 2017
BOD-5	10 mg/L	Sous-traitance\H2Lab inc. (SAM)	October 06, 2017
COD	103 mg/L	Sous-traitance\H2Lab inc. (SAM)	October 06, 2017
Total Suspended Solids	16 mg/L	M-SOLI-1.0	October 05, 2017
Ammonia NH ₃ (non-ionized)	1.44 mg N/L	Sous-traitance\Multilab Direct	October 11, 2017
Nitrate (NO ₃)	0.23 mg N/L	Sous-traitance\Multilab Direct	October 06, 2017
Nitrite (NO ₂)	1.25 mg N/L	Sous-traitance\Multilab Direct	October 06, 2017

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

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Detection limit

Lab number: V-68822

Sample name: STP-SEP

Sampling location: STP-SEP

Sampling date: October 03, 2017

Sampling hour: 07:10

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

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

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Quality control Report

Lab number: V-68822

Sample name: STP-SEP

Sampling location: STP-SEP

Sampling date: October 03, 2017

Sampling hour: 07:10

Parameter

Ammonia nitrogen (NH₃-NH₄) m Blank <0.01
Standard name DMR-0417-2017-NH₃-NH₄
Result 2.20
Accuracy 96.7%
Limit 1.81 - 2.45

Kjeldahl nitrogen mg N/L Blank <0.05
Standard name DMR-0476-2017-NTK
Result 6.32
Accuracy 88.5%
Limit 4.82 - 6.52

Sample duplicate 71.7-76.9
Total Suspended Solids mg/L Blank <1
Standard name STD-MES 250mg/L
Result 246
Accuracy 98.4%
Limit 194 - 306

Total Suspended Solids mg/L Standard name STD-MES 25mg/L
Result 24
Accuracy 96%
Limit 19 - 31

Ammonia NH₃ (non-ionized) mg Blank <0.01
Nitrate (NO₃) mg N/L Blank <0.01
Sample duplicate 0.23-0.21
Nitrite (NO₂) mg N/L Blank <0.01
Standard name DMR-0476-2017-NO₂
Result 2.98
Accuracy 90%
Limit 2.30 - 3.12
Sample duplicate 1.25-1.29

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

Lab number: V-68822
Sample name: STP-SEP
Sampling location: STP-SEP

Sampling date: October 03, 2017
Sampling hour: 07:10

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

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

Company: **Agnico Eagle Division Meadowbank**

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

Lab number: V-68960

Sampling location: Goose Pit

Sampling date: October 05, 2017

Sample name: ST-20 Pit Lake

Sampling hour: 08:00

Sampled by: MT

Date received: October 06, 2017

Matrix: Water

Drinking water distribution:

Reported on: October 30, 2017

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

Results relate only to the sample tested.

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

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

Lab number: V-68960

Sample name: ST-20 Pit Lake

Sampling location: Goose Pit

Sampling date: October 05, 2017

Sampling hour: 08:00

Parameter	Result	Method name	Analysis date
Alkalinity	82 mg CaCO ₃ /L	M-TIT-1.0	October 06, 2017
Aluminium (Al)	0.802 mg/L	Sous-traitance\Multilab Direct	October 20, 2017
Dissolved Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	October 20, 2017
Antimony (Sb)	0.0008 mg/L	Sous-traitance\Multilab Direct	October 20, 2017
Dissolved Antimony (Sb)	0.0008 mg/L	Sous-traitance\Multilab Direct	October 20, 2017
Arsenic (As)	0.0017 mg/L	Sous-traitance\Multilab Direct	October 20, 2017
Dissolved Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	October 20, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	1.70 mg N/L	Sous-traitance\Multilab Direct	October 12, 2017
Kjeldahl nitrogen	3.26 mg N/L	Sous-traitance\Multilab Direct	October 18, 2017
Barium (Ba)	0.0574 mg/L	Sous-traitance\Multilab Direct	October 20, 2017
Dissolved Barium (Ba)	0.0461 mg/L	Sous-traitance\Multilab Direct	October 20, 2017
Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	October 20, 2017
Dissolved Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	October 20, 2017
bicarbonate (HCO ₃)	82 mg CaCO ₃ /L	M-TIT-1.0	October 06, 2017
Boron (B)	0.07 mg/L	Sous-traitance\Multilab Direct	October 20, 2017
Dissolved Boron (B)	0.04 mg/L	Sous-traitance\Multilab Direct	October 20, 2017
Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	October 20, 2017
Dissolved Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	October 20, 2017
Calcium (Ca)	51.0 mg/L	Sous-traitance\Multilab Direct	October 20, 2017
Carbonate (CO ₃)	<2 mg CaCO ₃ /L	M-TIT-1.0	October 06, 2017
Dissolved Organic Carbon (D.O.C.)	6.2 mg/L	M-COT-1.0	October 06, 2017
Total Organic Carbon (T.O.C.)	6.2 mg/L	M-COT-1.0	October 06, 2017
Chloride	34.7 mg/L	Sous-traitance\Multilab Direct	October 13, 2017
Chrome (Cr)	0.0086 mg/L	Sous-traitance\Multilab Direct	October 20, 2017
Dissolved Chromium (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	October 20, 2017
Copper (Cu)	0.0020 mg/L	Sous-traitance\Multilab Direct	October 20, 2017
Dissolved Copper (Cu)	0.0015 mg/L	Sous-traitance\Multilab Direct	October 20, 2017
Cyanates (CNO)	<0.01 mg CNO/L	Sous-traitance\Multilab Direct	October 18, 2017
Total Cyanide (CNT)	0.019 mg/L	Sous-traitance\Multilab Direct	October 13, 2017
Hardness	197 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	October 20, 2017
Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	October 20, 2017
dissolved Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	October 20, 2017
Iron (Fe)	1.67 mg/L	Sous-traitance\Multilab Direct	October 20, 2017
Dissolved Iron (Fe)	0.03 mg/L	Sous-traitance\Multilab Direct	October 20, 2017
Lithium (Li)	0.006 mg/L	Sous-traitance\Multilab Direct	October 27, 2017
Dissolved Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	October 27, 2017
Total Suspended Solids	12 mg/L	M-SOLI-1.0	October 10, 2017
Magnesium (Mg)	17.1 mg/L	Sous-traitance\Multilab Direct	October 20, 2017
Manganese (Mn)	0.2089 mg/L	Sous-traitance\Multilab Direct	October 20, 2017
Dissolved Manganese (Mn)	0.1822 mg/L	Sous-traitance\Multilab Direct	October 20, 2017

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

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Analytical Report

Lab number: V-68960

Sample name: ST-20 Pit Lake

Sampling location: Goose Pit

Sampling date: October 05, 2017

Sampling hour: 08:00

Parameter	Result	Method name	Analysis date
Mercury (Hg)	0.00015 mg/L	Sous-traitance\Multilab Direct	October 24, 2017
Dissolved Mercury (Hg)	0.00008 mg/L	Sous-traitance\Multilab Direct	October 24, 2017
Molybdenum (Mo)	0.0262 mg/L	Sous-traitance\Multilab Direct	October 20, 2017
Dissolved Molybdenum (Mo)	0.0275 mg/L	Sous-traitance\Multilab Direct	October 20, 2017
Ammonia NH3 (non-ionized)	0.05 mg N/L	Sous-traitance\Multilab Direct	October 11, 2017
Nickel (Ni)	0.0239 mg/L	Sous-traitance\Multilab Direct	October 20, 2017
Dissolved Nickel (Ni)	0.0149 mg/L	Sous-traitance\Multilab Direct	October 20, 2017
Nitrate (NO3)	4.27 mg N/L	Sous-traitance\Multilab Direct	October 11, 2017
Nitrite (NO2)	0.14 mg N/L	Sous-traitance\Multilab Direct	October 11, 2017
Ortho-Phosphate (O-PO4)	0.02 mg P/L	Sous-traitance\Multilab Direct	October 12, 2017
Total Phosphorus (P)	0.10 mg P/L	Sous-traitance\Multilab Direct	October 12, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	October 20, 2017
Dissolved Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	October 20, 2017
Potassium (K)	12.1 mg/L	Sous-traitance\Multilab Direct	October 20, 2017
Selenium (Se)	0.003 mg/L	Sous-traitance\Multilab Direct	October 20, 2017
Dissolved Selenium (Se)	0.002 mg/L	Sous-traitance\Multilab Direct	October 20, 2017
Reactive silica (SiO2)	6.5 mg/L	Sous-traitance\Maxxam	October 16, 2017
Sodium (Na)	49.2 mg/L	Sous-traitance\Multilab Direct	October 20, 2017
Dissolved Solids	468 mg/L	M-TIT-1.0	October 06, 2017
Strontium (Sr)	0.406 mg/L	Sous-traitance\Multilab Direct	October 27, 2017
dissolved Strontium (Sr)	0.387 mg/L	Sous-traitance\Multilab Direct	October 27, 2017
Sulfate (SO4)	210 mg SO4/L	Sous-traitance\Multilab Direct	October 10, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	October 27, 2017
Dissolved thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	October 27, 2017
Thiocyanate (SCN)	3.13 mg SCN/L	Sous-traitance\Multilab Direct	October 20, 2017
Titanium (Ti)	0.07 mg/L	Sous-traitance\Multilab Direct	October 20, 2017
Dissolved titanium (Ti)	0.05 mg/L	Sous-traitance\Multilab Direct	October 20, 2017
Uranium (U)	0.013 mg/L	Sous-traitance\Multilab Direct	October 20, 2017
Dissolved Uranium (U)	0.013 mg/L	Sous-traitance\Multilab Direct	October 20, 2017
Vanadium (V)	0.0014 mg/L	Sous-traitance\Multilab Direct	October 20, 2017
Dissolved Vanadium	<0.0005 mg/L	Sous-traitance\Multilab Direct	October 20, 2017
Zinc (Zn)	0.003 mg/L	Sous-traitance\Multilab Direct	October 20, 2017
Dissolved Zinc	<0.001 mg/L	Sous-traitance\Multilab Direct	October 20, 2017

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

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



Detection limit

Lab number: V-68960

Sample name: ST-20 Pit Lake

Sampling location: Goose Pit

Sampling date: October 05, 2017

Sampling hour: 08:00

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO ₃ /L	M-TIT-1.0	
Aluminium (Al)	0.003	mg/L	Sous-traitance	
Dissolved Aluminium (Al)	0.003	mg/L	Sous-traitance	
Antimony (Sb)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Antimony (Sb)	0.0001	mg/L	Sous-traitance	
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Arsenic (As)	0.0005	mg/L	Sous-traitance	
Ammonia nitrogen (NH ₃ -NH ₄)	0.01	mg N/L	Sous-traitance	Yes
Kjeldahl nitrogen	0.05	mg N/L	Sous-traitance	Yes
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Barium (Ba)	0.0005	mg/L	Sous-traitance	
Beryllium (Be)	0.0005	mg/L	Sous-traitance	
Dissolved Beryllium (Be)	0.0005	mg/L	Sous-traitance	
bicarbonate (HCO ₃)	2	mg CaCO ₃ /L	M-TIT-1.0	
Boron (B)	0.01	mg/L	Sous-traitance	Yes
Dissolved Boron (B)	0.006	mg/L	Sous-traitance	
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Dissolved Cadmium (Cd)	0.00002	mg/L	Sous-traitance	
Calcium (Ca)	0.03	mg/L	Sous-traitance	Yes
Carbonate (CO ₃)	2	mg CaCO ₃ /L	M-TIT-1.0	
Dissolved Organic Carbon (D.O.C.)	0.2	mg/L	M-COT-1.0	--
Total Organic Carbon (T.O.C.)	0.2	mg/L	M-COT-1.0	Yes
Chloride	0.5	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Dissolved Chromium (Cr)	0.0006	mg/L	Sous-traitance	
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Copper (Cu)	0.0005	mg/L	Sous-traitance	
Cyanates (CNO)	0.01	mg CNO/L	Sous-traitance	
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO ₃ /L	Sous-traitance	
Tin (Sn)	0.001	mg/L	Sous-traitance	Yes
dissolved Tin (Sn)	0.001	mg/L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes
Dissolved Iron (Fe)	0.01	mg/L	Sous-traitance	
Lithium (Li)	0.005	mg/L	Sous-traitance	
Dissolved Lithium (Li)	0.005	mg/L	Sous-traitance	
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Magnesium (Mg)	0.02	mg/L	Sous-traitance	Yes
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Manganese (Mn)	0.0003	mg/L	Sous-traitance	

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

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



Detection limit

Lab number: V-68960

Sample name: ST-20 Pit Lake

Sampling location: Goose Pit

Sampling date: October 05, 2017

Sampling hour: 08:00

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

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Quality control Report

Lab number: V-68960

Sample name: ST-20 Pit Lake

Sampling location: Goose Pit

Sampling date: October 05, 2017

Sampling hour: 08:00

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 146 Accuracy 99.3% Limit 123 - 167
Dissolved Aluminium (Al) mg/L	Blank <0.006 Standard name C00-046-705_X_1000 Result 1.11 Accuracy 89% Limit 0.800 - 1.200
Dissolved Antimony (Sb) mg/L	Blank <0.0001 Standard name C00-046-705_X_1000 Result 0.0099 Accuracy 99% Limit 0.0080 - 0.0120
Dissolved Arsenic (As) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0937 Accuracy 93.7% 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 2.20 Accuracy 96.7% Limit 1.81 - 2.45
Kjeldahl nitrogen mg N/L	Blank <0.05 Standard name DMR-0534-2017-NTK Result 6.02 Accuracy 93.8% Limit 4.82 - 6.52
Dissolved Barium (Ba) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1083 Accuracy 91.7% Limit 0.0800 - 0.1200
Dissolved Beryllium (Be) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1099 Accuracy 90.1% Limit 0.0800 - 0.1200
Dissolved Boron (B) mg/L	Blank <0.01

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Quality control Report

Lab number: V-68960

Sample name: ST-20 Pit Lake

Sampling location: Goose Pit

Sampling date: October 05, 2017

Sampling hour: 08:00

Parameter	
	Standard name C00-046-705_X_1000
	Result 1.02
	Accuracy 98%
	Limit 0.800 - 1.200
Dissolved Cadmium (Cd) mg/L	Blank <0.00002
	Standard name C00-046-705_X_1000
	Result 0.09440
	Accuracy 94.4%
	Limit 0.0800 - 0.1200
Dissolved Organic Carbon (D.O.C.) mg C/L	Blank <0.2
	Standard name COD 10mg/L
	Result 11
	Accuracy 90%
	Limit 8 - 12
Total Organic Carbon (T.O.C.) mg C/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-0476-2017-13-CL
	Result 110
	Accuracy 98.1%
	Limit 95 - 121
Dissolved Chromium (Cr) mg/L	Blank <0.0006
	Standard name C00-046-705_X_1000
	Result 0.0979
	Accuracy 97.9%
	Limit 0.0800 - 0.1200
Dissolved Copper (Cu) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1037
	Accuracy 96.3%
	Limit 0.0800 - 0.1200
Cyanates (CNO) mg CNO/L	Blank <0.01
	Standard name Controle Maison CNO 250 ppm
	Result 282
	Accuracy 87.2%
	Limit 175 - 325
Total Cyanide (CNT) mg/L	Blank <0.001

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Quality control Report

Lab number: V-68960

Sample name: ST-20 Pit Lake

Sampling location: Goose Pit

Sampling date: October 05, 2017

Sampling hour: 08:00

Parameter	
	Standard name DMR-0343-CN
	Result 1.27
	Accuracy 92.4%
	Limit 1.003 - 1.357
dissolved Tin (Sn) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.097
	Accuracy 97%
	Limit 0.0700 - 0.1300
Dissolved Iron (Fe) mg/L	Blank <0.01
	Standard name C00-046-705_X_1000
	Result 0.91
	Accuracy 91%
	Limit 0.800 - 1.200
Lithium (Li) mg/L	Blank <0.005
	Standard name DMR-0476-2017-22-Eu
	Result 0.977
	Accuracy 84.5%
	Limit 0.677 - 1.015
Dissolved Lithium (Li) mg/L	Blank <0.005
	Standard name DMR-0476-2017-22-Eu
	Result 0.905
	Accuracy 93%
	Limit 0.677 - 1.015
Total Suspended Solids mg/L	Blank <1
	Standard name STD-MES 25mg/L
	Result 23
	Accuracy 92%
	Limit 19 - 31
Dissolved Manganese (Mn) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0938
	Accuracy 93.8%
	Limit 0.0800 - 0.1200
Mercury (Hg) mg/L	Blank <0.00001
	Standard name DMR-0564-2016-14HgEu
	Result 0.00053
	Accuracy 80.3%
	Limit 0.00040 - 0.00092
Dissolved Mercury (Hg) mg/L	Blank <0.00001

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Quality control Report

Lab number: V-68960

Sample name: ST-20 Pit Lake

Sampling location: Goose Pit

Sampling date: October 05, 2017

Sampling hour: 08:00

Parameter	
Dissolved Molybdenum (Mo) mg/	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0869
	Accuracy 86.9%
	Limit 0.0800 - 0.1200
Ammonia NH3 (non-ionized) mg	Blank <0.01
Dissolved Nickel (Ni) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.1038
	Accuracy 96.2%
	Limit 0.0800 - 0.1200
Nitrate (NO3) mg N/L	Blank <0.01
Nitrite (NO2) mg N/L	Blank <0.01
	Standard name DMR-0476-2017-NO2
	Result 2.88
	Accuracy 93.7%
	Limit 2.30 - 3.12
Ortho-Phosphate (O-PO4) mg P/	Blank <0.01
Total Phosphorus (P) mg P/L	Blank <0.01
	Standard name DMR-0534-2017-Ptotal
	Result 1.08
	Accuracy 94.7%
	Limit 1.00 - 1.28
Dissolved Lead (Pb) mg/L	Blank <0.0003
	Standard name C00-046-705_X_1000
	Result 0.0817
	Accuracy 81.7%
	Limit 0.0800 - 0.1200
Dissolved Selenium (Se) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.091
	Accuracy 91%
	Limit 0.0800 - 0.1200
Strontium (Sr) mg/L	Blank <0.005
	Standard name DMR-0476-2017-22-Eu
	Result 1.33
	Accuracy 91.9%
	Limit 0.98 - 1.48
dissolved Strontium (Sr) mg/L	Blank <0.005
	Standard name DMR-0476-2017-22-Eu

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Quality control Report

Lab number: V-68960

Sample name: ST-20 Pit Lake

Sampling location: Goose Pit

Sampling date: October 05, 2017

Sampling hour: 08:00

Parameter	
	Result 1.33
	Accuracy 91.9%
	Limit 0.98 - 1.48
Sulfate (SO4) mg SO4/L	Blank <0.6
	Standard name DMR-0476-2017-SO4
	Result 121
	Accuracy 98.4%
	Limit 114 - 132
	Sample duplicate 210-207
Thallium (Tl) mg/L	Blank <0.0008
	Standard name Tl-S140909023-1000ppm
	Result 866
	Accuracy 86.6%
	Limit 800 - 1200
Dissolved thallium (Tl) mg/L	Blank <0.0008
	Standard name Tl-S140909023-1000ppm
	Result 868
	Accuracy 86.8%
	Limit 800 - 1200
Thiocyanate (SCN) mg SCN/L	Blank <0.05
	Standard name STD SCN 568ppm
	Result 578
	Accuracy 98.2%
	Limit 398 - 738
Dissolved titanium (Ti) mg/L	Blank <0.01
Dissolved 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 Vanadium mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0934
	Accuracy 93.4%
	Limit 0.0800 - 0.1200
Dissolved Zinc mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.092
	Accuracy 92%
	Limit 0.0800 - 0.1200

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Additional information

Lab number: V-68960

Sample name: ST-20 Pit Lake

Sampling location: Goose Pit

Sampling date: October 05, 2017

Sampling hour: 08:00

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-NH3-2.0	MA.300-N 2.0
M-CL-2.0	MA.300-Ions 1.3
M-CI-1.0	MA.300-Anions 1.0
M-CN-1.0	MA.300-CN 1.2
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-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-69009

Sampling location: portage pit

Sampling date: October 09, 2017

Sample name: ST-17

Sampling hour: 08:00

Sampled by: Martin Theriault

Date received: October 10, 2017

Matrix: Water

Drinking water distribution:

Reported on: October 27, 2017

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

Results relate only to the sample tested.

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

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Analytical Report

Lab number: V-69009

Sample name: ST-17

Sampling date: October 09, 2017

Sampling location: portage pit

Sampling hour: 08:00

Parameter	Result	Method name	Analysis date
Acidity	4 mg CaCO ₃ /L	M-TIT-1.0	October 10, 2017
Alkalinity	85 mg CaCO ₃ /L	M-TIT-1.0	October 10, 2017
Aluminium (Al)	0.013 mg/L	Sous-traitance\Multilab Direct	October 20, 2017
Dissolved Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	October 20, 2017
Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	October 20, 2017
Dissolved Silver (Ag)	<0.0001 mg/L	Sous-traitance\Multilab Direct	October 20, 2017
Arsenic (As)	0.0231 mg/L	Sous-traitance\Multilab Direct	October 20, 2017
Dissolved Arsenic (As)	0.0181 mg/L	Sous-traitance\Multilab Direct	October 20, 2017
Ammonia nitrogen (NH ₃ -NH ₄)	0.55 mg N/L	Sous-traitance\Multilab Direct	October 16, 2017
Barium (Ba)	0.0150 mg/L	Sous-traitance\Multilab Direct	October 20, 2017
Dissolved Barium (Ba)	0.0132 mg/L	Sous-traitance\Multilab Direct	October 20, 2017
Cadmium (Cd)	0.00006 mg/L	Sous-traitance\Multilab Direct	October 20, 2017
Dissolved Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	October 20, 2017
Calcium (Ca)	55.6 mg/L	Sous-traitance\Multilab Direct	October 20, 2017
Dissolved Organic Carbon (D.O.C)	3.6 mg/L	M-COT-1.0	October 10, 2017
Chloride	19.4 mg/L	Sous-traitance\Multilab Direct	October 13, 2017
Chrome (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	October 20, 2017
Dissolved Chromium (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	October 20, 2017
Copper (Cu)	0.0016 mg/L	Sous-traitance\Multilab Direct	October 20, 2017
Dissolved Copper (Cu)	<0.0005 mg/L	Sous-traitance\Multilab Direct	October 20, 2017
Cyanide W.A.D.	0.002 mg/L	Sous-traitance\Multilab Direct	October 18, 2017
Total Cyanide (CNT)	0.012 mg/L	Sous-traitance\Multilab Direct	October 18, 2017
Hardness	250 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	October 20, 2017
Iron (Fe)	0.08 mg/L	Sous-traitance\Multilab Direct	October 20, 2017
Dissolved Iron (Fe)	0.07 mg/L	Sous-traitance\Multilab Direct	October 20, 2017
Ferrous Iron (Fe 2+)	0.04 mg/L	Sous-traitance\Multilab Direct	October 17, 2017
Ferric Iron (Fe 3+)	0.04 mg/L	Sous-traitance\Multilab Direct	October 17, 2017
Fluoride (F)	0.49 mg/L	Sous-traitance\Multilab Direct	October 12, 2017
Total Suspended Solids	6 mg/L	M-SOLI-1.0	October 11, 2017
Magnesium (Mg)	27.1 mg/L	Sous-traitance\Multilab Direct	October 20, 2017
Manganese (Mn)	0.1237 mg/L	Sous-traitance\Multilab Direct	October 20, 2017
Dissolved Manganese (Mn)	0.1201 mg/L	Sous-traitance\Multilab Direct	October 20, 2017
Mercury (Hg)	0.00004 mg/L	Sous-traitance\Multilab Direct	October 24, 2017
Dissolved Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	October 24, 2017
Molybdenum (Mo)	0.0644 mg/L	Sous-traitance\Multilab Direct	October 20, 2017
Dissolved Molybdenum (Mo)	0.0619 mg/L	Sous-traitance\Multilab Direct	October 20, 2017
Ammonia NH ₃ (non-ionized)	0.01 mg N/L	Sous-traitance\Multilab Direct	October 16, 2017
Nickel (Ni)	0.0376 mg/L	Sous-traitance\Multilab Direct	October 20, 2017
Dissolved Nickel (Ni)	0.0354 mg/L	Sous-traitance\Multilab Direct	October 20, 2017
Nitrate (NO ₃)	8.17 mg N/L	Sous-traitance\Multilab Direct	October 12, 2017

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Analytical Report

Lab number: V-69009

Sample name: ST-17

Sampling date: October 09, 2017

Sampling location: portage pit

Sampling hour: 08:00

Parameter	Result	Method name	Analysis date
Nitrite (NO ₂)	0.05 mg N/L	Sous-traitance\Multilab Direct	October 12, 2017
Dissolved oxygen	10.7 mg/L	Sous-traitance\Multilab Direct	October 12, 2017
Total Phosphorus (P)	<0.01 mg P/L	Sous-traitance\Multilab Direct	October 17, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	October 20, 2017
Dissolved Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	October 20, 2017
Potassium (K)	14.5 mg/L	Sous-traitance\Multilab Direct	October 20, 2017
Selenium (Se)	0.001 mg/L	Sous-traitance\Multilab Direct	October 20, 2017
Dissolved Selenium (Se)	0.001 mg/L	Sous-traitance\Multilab Direct	October 20, 2017
Sodium (Na)	22.1 mg/L	Sous-traitance\Multilab Direct	October 20, 2017
Dissolved Solids	453 mg/L	M-TIT-1.0	October 10, 2017
Sulfate (SO ₄)	204 mg SO ₄ /L	Sous-traitance\Multilab Direct	October 16, 2017
Thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	October 26, 2017
Dissolved thallium (Tl)	<0.0008 mg/L	Sous-traitance\Multilab Direct	October 26, 2017
Zinc (Zn)	<0.001 mg/L	Sous-traitance\Multilab Direct	October 20, 2017
Dissolved Zinc	<0.001 mg/L	Sous-traitance\Multilab Direct	October 20, 2017

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Detection limit

Lab number: V-69009

Sample name: ST-17

Sampling date: October 09, 2017

Sampling location: portage pit

Sampling hour: 08:00

Parameter	Value	Unit	Method	Accreditation
Acidity	2	mg CaCO ₃ /L	M-TIT-1.0	
Alkalinity	2	mg CaCO ₃ /L	M-TIT-1.0	
Aluminium (Al)	0.003	mg/L	Sous-traitance	
Dissolved Aluminium (Al)	0.003	mg/L	Sous-traitance	
Silver (Ag)	0.0001	mg/L	Sous-traitance	Yes
Dissolved Silver (Ag)	0.0001	mg/L	Sous-traitance	
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Arsenic (As)	0.0005	mg/L	Sous-traitance	
Ammonia nitrogen (NH ₃ -NH ₄)	0.01	mg N/L	Sous-traitance	Yes
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Barium (Ba)	0.0005	mg/L	Sous-traitance	
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Dissolved Cadmium (Cd)	0.00002	mg/L	Sous-traitance	
Calcium (Ca)	0.03	mg/L	Sous-traitance	Yes
Dissolved Organic Carbon (D.O.C)	0.2	mg/L	M-COT-1.0	--
Chloride	0.5	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Dissolved Chromium (Cr)	0.0006	mg/L	Sous-traitance	
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Copper (Cu)	0.0005	mg/L	Sous-traitance	
Cyanide W.A.D.	0.001	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.001	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO ₃ /L	Sous-traitance	
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes
Dissolved Iron (Fe)	0.01	mg/L	Sous-traitance	
Ferrous Iron (Fe 2+)		mg/L	Sous-traitance	
Ferric Iron (Fe 3+)		mg/L	Sous-traitance	
Fluoride (F)	0.01	mg/L	Sous-traitance	Yes
Total Suspended Solids	1	mg/L	M-SOLI-1.0	Yes
Magnesium (Mg)	0.02	mg/L	Sous-traitance	Yes
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Manganese (Mn)	0.0003	mg/L	Sous-traitance	
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Dissolved Mercury (Hg)	0.00001	mg/L	Sous-traitance	
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	
Ammonia NH ₃ (non-ionized)	0.01	mg N/L	Sous-traitance	-
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Dissolved Nickel (Ni)	0.0005	mg/L	Sous-traitance	
Nitrate (NO ₃)	0.01	mg N/L	Sous-traitance	Yes

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Detection limit

Lab number: V-69009

Sample name: ST-17

Sampling date: October 09, 2017

Sampling location: portage pit

Sampling hour: 08:00

Parameter	Value	Unit	Method	Accreditation
Nitrite (NO ₂)	0.01	mg N/L	Sous-traitance	Yes
Dissolved oxygen	0.1	mg/L	Sous-traitance	
Total Phosphorus (P)	0.01	mg P/L	Sous-traitance	Yes
Lead (Pb)	0.0003	mg/L	Sous-traitance	Yes
Dissolved Lead (Pb)	0.0003	mg/L	Sous-traitance	
Potassium (K)	0.05	mg/L	Sous-traitance	
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Dissolved Selenium (Se)	0.001	mg/L	Sous-traitance	
Sodium (Na)	0.05	mg/L	Sous-traitance	Yes
Dissolved Solids	1	mg/L	M-TIT-1.0	
Sulfate (SO ₄)	0.6	mg SO ₄ /L	Sous-traitance	Yes
Thallium (Tl)	0.0008	mg/L	Sous-traitance	
Dissolved thallium (Tl)	0.0008	mg/L	Sous-traitance	
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes
Dissolved Zinc	0.001	mg/L	Sous-traitance	

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Quality control Report

Lab number: V-69009

Sample name: ST-17

Sampling location: portage pit

Sampling date: October 09, 2017

Sampling hour: 08:00

Parameter	
Acidity mg CaCO ₃ /L	Standard name STD acidité Result 258 Accuracy 96.8% Limit 213 - 288
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 154 Accuracy 93.8% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006 Standard name C00-046-705_X_1000 Result 1.09 Accuracy 91% Limit 0.800 - 1.200
Dissolved Aluminium (Al) mg/L	Blank <0.006 Standard name DMR-0476-2017-22-Eu Result 5.67 Accuracy 90.4% Limit 5.02 - 7.52
Silver (Ag) mg/L	Blank <0.0001
Dissolved Silver (Ag) mg/L	Blank <0.0001
Arsenic (As) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0918 Accuracy 91.8% Limit 0.0700 - 0.1300
Dissolved Arsenic (As) mg/L	Blank <0.0005 Standard name DMR-0476-2017-22-Eu Result 0.2740 Accuracy 96.5% Limit 0.199 - 0.369
Ammonia nitrogen (NH ₃ -NH ₄) m	Blank <0.01 Standard name DMR-0534-2017-NH ₃ Result 2.15 Accuracy 99.1% Limit 1.81 - 2.45
Barium (Ba) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1003 Accuracy 99.7% Limit 0.0800 - 0.1200

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Quality control Report

Lab number: V-69009

Sample name: ST-17

Sampling location: portage pit

Sampling date: October 09, 2017

Sampling hour: 08:00

Parameter	
Dissolved Barium (Ba) mg/L	Blank <0.0005 Standard name DMR-0476-2017-22-Eu Result 2.184 Accuracy 89.9% Limit 1.94 - 2.92
Cadmium (Cd) mg/L	Blank <0.00002 Standard name C00-046-705_X_1000 Result 0.09731 Accuracy 97.3% Limit 0.0800 - 0.1200
Dissolved Cadmium (Cd) mg/L	Blank <0.00002 Standard name DMR-0476-2017-22-Eu Result 0.83465 Accuracy 92.6% Limit 0.721 - 1.081
Calcium (Ca) mg/L	Blank <0.03 Standard name C00-046-705_X_1000 Result 0.90 Accuracy 90% Limit 0.800 - 1.200
Dissolved Organic Carbon (D.O.C) mg/L	Blank <0.2 Standard name COD 10mg/L Result 10 Accuracy 100% Limit 8 - 12
Chloride mg/L	Blank <0.5 Standard name DMR-0476-2017-13-CL Result 108 Accuracy 100% Limit 95 - 121
Chrome (Cr) mg/L	Blank <0.0006 Standard name C00-046-705_X_1000 Result 0.0953 Accuracy 95.3% Limit 0.0800 - 0.1200
Dissolved Chromium (Cr) mg/L	Blank <0.0006 Standard name DMR-0476-2017-22-Eu Result 3.461 Accuracy 85.5% Limit 3.24 - 4.86

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Quality control Report

Lab number: V-69009

Sample name: ST-17

Sampling location: portage pit

Sampling date: October 09, 2017

Sampling hour: 08:00

Parameter	
Copper (Cu) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1001 Accuracy 99.9% Limit 0.0800 - 0.1200
Dissolved Copper (Cu) mg/L	Blank <0.0005 Standard name DMR-0476-2017-22-Eu Result 1.238 Accuracy 96.7% Limit 1.02 - 1.54
Cyanide W.A.D. mg/L	Blank 0.001 Standard name DMR-0343-CN Result 0.828 Accuracy 93.8% Limit 0.751 - 1.015
Total Cyanide (CNT) mg/L	Blank <0.001 Standard name DMR-0343-CN Result 1.32 Accuracy 88.1% Limit 1.003 - 1.357
Iron (Fe) mg/L	Blank <0.01 Standard name C00-046-705_X_1000 Result 1.01 Accuracy 99% Limit 0.800 - 1.200
Dissolved Iron (Fe) mg/L	Blank <0.01 Standard name DMR-0476-2017-22-Eu Result 12.1 Accuracy 93.9% Limit 9.1 - 13.7
Ferrous Iron (Fe 2+) mg/L	Blank <0.01 Standard name Maison-Fe++-0.5ppm Result 0.52 Accuracy 96% Limit 0.4 - 0.6
Ferric Iron (Fe 3+) mg/L	Blank 0.01
Fluoride (F) mg/L	Blank <0.02 Standard name Controle maison 2 ppm F Result 2.13 Accuracy 93.5%

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

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



Quality control Report

Lab number: V-69009

Sample name: ST-17

Sampling location: portage pit

Sampling date: October 09, 2017

Sampling hour: 08:00

Parameter	
Total Suspended Solids mg/L	Limit 1.85 - 2.15
	Blank <1
	Standard name STD-MES 25mg/L
	Result 25
	Accuracy 100%
Magnesium (Mg) mg/L	Limit 19 - 31
	Blank <0.02
	Standard name C00-046-705_X_1000
	Result 1.01
	Accuracy 99%
Manganese (Mn) mg/L	Limit 0.800 - 1.200
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0951
	Accuracy 95.1%
Dissolved Manganese (Mn) mg/L	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu
	Result 3.285
	Accuracy 84.2%
Mercury (Hg) mg/L	Limit 3.12 - 4.68
	Blank <0.00001
	Standard name DMR-0564-2016-14HgEu
	Result 0.00053
	Accuracy 80.3%
Dissolved Mercury (Hg) mg/L	Limit 0.00040 - 0.00092
	Blank <0.00001
Molybdenum (Mo) mg/L	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0897
	Accuracy 89.7%
Dissolved Molybdenum (Mo) mg/L	Limit 0.0800 - 0.1200
	Blank <0.0005
	Standard name C00-046-705_X_1000
	Result 0.0864
	Accuracy 86.4%
Ammonia NH3 (non-ionized) mg	Limit 0.0800 - 0.1200
	Blank <0.01
Nickel (Ni) mg/L	Blank <0.0005
	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-69009

Sample name: ST-17

Sampling location: portage pit

Sampling date: October 09, 2017

Sampling hour: 08:00

Parameter	
	Result 0.1008
	Accuracy 99.2%
	Limit 0.0800 - 0.1200
Dissolved Nickel (Ni) mg/L	Blank <0.0005
	Standard name DMR-0476-2017-22-Eu
	Result 1.038
	Accuracy 91.1%
	Limit 0.91 - 1.37
Nitrate (NO ₃) mg N/L	Blank <0.01
	Sample duplicate 8.17-8.19
Nitrite (NO ₂) mg N/L	Blank <0.01
	Standard name DMR-0476-2017-NO2
	Result 2.90
	Accuracy 93%
	Limit 2.30 - 3.12
	Sample duplicate 0.05-0.05
Total Phosphorus (P) mg P/L	Blank <0.01
	Standard name DMR-0534-2017-Ptotal
	Result 1.22
	Accuracy 93%
	Limit 1.00 - 1.28
Lead (Pb) mg/L	Blank <0.0003
	Standard name C00-046-705_X_1000
	Result 0.0837
	Accuracy 83.7%
	Limit 0.0800 - 0.1200
Dissolved Lead (Pb) mg/L	Blank <0.0003
	Standard name C00-046-705_X_1000
	Result 0.0853
	Accuracy 85.3%
	Limit 0.0800 - 0.1200
Potassium (K) mg/L	Blank <0.05
	Standard name C00-046-705_X_1000
	Result 0.93
	Accuracy 93%
	Limit 0.800 - 1.200
Selenium (Se) mg/L	Blank <0.001
	Standard name C00-046-705_X_1000
	Result 0.091
	Accuracy 91%

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

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Additional information

Lab number: V-69009

Sample name: ST-17

Sampling location: portage pit

Sampling date: October 09, 2017

Sampling hour: 08:00

Container requirement are not met, results are only indicative, for the following parameter(s): . Dissolved oxygen.

Use PO 623912

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

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-69904

Sampling location: ST-8/ST-MMER-3/65 01.11.2N 96 02.32.0W

Sampling date: October 30, 2017

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

Sampling hour: 07:30

Sampled by: Tom T

Date received: October 31, 2017

Matrix: Water

Reported on: December 04, 2017

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

Results relate only to the sample tested.

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

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

Lab number: V-69904

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

Sampling date: October 30, 2017

Sampling location: ST-8/ST-MMER-3/6501.11.2N9602.32.0W

Sampling hour: 07:30

Parameter	Result	Method name	Analysis date
Aluminium (Al)	0.027 mg/L	Sous-traitance\Multilab Direct	November 03, 2017
Arsenic (As)	0.0026 mg/L	Sous-traitance\Multilab Direct	November 03, 2017
Copper (Cu)	<0.0005 mg/L	Sous-traitance\Multilab Direct	November 03, 2017
Total Cyanide (CNT)	<0.001 mg/L	Sous-traitance\Multilab Direct	November 06, 2017
Total Suspended Solids	4 mg/L	M-SOLI-1.0	November 01, 2017
Nickel (Ni)	0.0005 mg/L	Sous-traitance\Multilab Direct	November 03, 2017
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	November 03, 2017
Radium (Ra 226)	<0.002 Becquerels/L	M-RA-2.0	December 01, 2017
Sulfate (SO4)	7.0 mg SO4/L	Sous-traitance\Multilab Direct	November 02, 2017
Zinc (Zn)	0.002 mg/L	Sous-traitance\Multilab Direct	November 03, 2017

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

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Detection limit

Lab number: V-69904

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

Sampling date: October 30, 2017

Sampling location: ST-8/ST-MMER-3/6501.11.2N9602.32.0W

Sampling hour: 07:30

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

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

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Quality control Report

Lab number: V-69904

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

Sampling date: October 30, 2017

Sampling location: ST-8/ST-MMER-3/6501.11.2N9602.32.0W

Sampling hour: 07:30

Parameter	
Aluminium (Al) mg/L	Blank <0.006 Standard name C00-046-705_X_1000 Result 0.975 Accuracy 97.5% Limit 0.800 - 1.200
Arsenic (As) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0952 Accuracy 95.2% Limit 0.0700 - 0.1300
Copper (Cu) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.1010 Accuracy 99% Limit 0.0800 - 0.1200
Total Cyanide (CNT) mg/L	Blank <0.001 Standard name DMR-0343-CN Result 1.17 Accuracy 99.2% Limit 1.003 - 1.357
Total Suspended Solids mg/L	Blank <1 Standard name STD-MES 25mg/L Result 21 Accuracy 84% Limit 19 - 31
Nickel (Ni) mg/L	Blank <0.0005 Standard name C00-046-705_X_1000 Result 0.0992 Accuracy 99.2% Limit 0.0800 - 0.1200
Lead (Pb) mg/L	Blank <0.0003 Standard name C00-046-705_X_1000 Result 0.0962 Accuracy 96.2% Limit 0.0800 - 0.1200
Radium (Ra 226) Becquerels/L	Blank <0.002 Standard name STD 54982 Result 0.059 Accuracy 85.5% Limit 0.059 - 0.079

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

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Quality control Report

Lab number: V-69904

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

Sampling date: October 30, 2017

Sampling location: ST-8/ST-MMER-3/6501.11.2N9602.32.0W

Sampling hour: 07:30

Parameter

Sulfate (SO4) mg SO4/L

Blank <0.6

Standard name DMR-0534-2017-SO4

Result 127

Accuracy 96.7%

Limit 114 - 132

Zinc (Zn) mg/L

Blank <0.001

Standard name C00-046-705_X_1000

Result 0.100

Accuracy 100%

Limit 0.0800 - 0.1200

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Additional information

Lab number: V-69904

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

Sampling location: ST-8/ST-MMER-3/6501.11.2N9602.32.0W

Sampling date: October 30, 2017

Sampling hour: 07:30

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

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

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Mortality summary

Note: The certificate of analysis will follow later. This is not an official certificate of analysis.

Client: H2Lab - Val d'Or

Request number: 17-855518

Daphnia magna 48h

Lab. No.: 3505627
 Your reference: ST-8/ST-MMER-3ab Monthly

Date sampled (date and hour): 2017-11-06; 08:00

concentration of sample (% v/v)	number of Daphnia 0 h	48 hours			
		immobility (number)	immobility (%)	mortality (number)	mortality (%)
Control	10	0	0	0	0
6.25	10	0	0	0	0
12.5	10	2	20	2	20
25	10	10	100	10	100
50	10	10	100	10	100
100	10	10	100	10	100



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-70150

Sampling location: STP-LJMIX

Sampling date: November 06, 2017

Sample name: STP-LJMIX

Sampling hour: 08:00

Sampled by: JK

Date received: November 07, 2017

Matrix: Waste Water

Reported on: November 15, 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-70150

Sample name: STP-LJMIX

Sampling location: STP-LJMIX

Sampling date: November 06, 2017

Sampling hour: 08:00

Parameter	Result	Method name	Analysis date
Ammonia nitrogen (NH ₃ -NH ₄)	2.00 mg N/L	Sous-traitance\Multilab Direct	November 09, 2017
Kjeldahl nitrogen	6.41 mg N/L	Sous-traitance\Multilab Direct	November 13, 2017
BOD-5	22 mg/L	Sous-traitance\H2Lab inc. (SAM)	November 08, 2017
COD	85 mg/L	Sous-traitance\H2Lab inc. (SAM)	November 13, 2017
Total Suspended Solids	18 mg/L	M-SOLI-1.0	November 08, 2017
Ammonia NH ₃ (non-ionized)	<0.01 mg N/L	Sous-traitance\Multilab Direct	November 09, 2017
Nitrate (NO ₃)	16.4 mg N/L	Sous-traitance\Multilab Direct	November 08, 2017
Nitrite (NO ₂)	0.26 mg N/L	Sous-traitance\Multilab Direct	November 08, 2017

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

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Quality control Report

Lab number: V-70150

Sample name: STP-LJMIX

Sampling location: STP-LJMIX

Sampling date: November 06, 2017

Sampling hour: 08:00

Parameter

Ammonia nitrogen (NH₃-NH₄) mg N/L Blank <0.01
Standard name DMR-0534-2017-NH₃
Result 2.15
Accuracy
Limit 1.81 - 2.45

Sample duplicate 2.00-1.99
Kjeldahl nitrogen mg N/L Blank <0.05
Standard name DMR-0534-2017-NTK
Result 5.97
Accuracy
Limit 4.82 - 6.52

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

Limit 19 - 31
Ammonia NH₃ (non-ionized) mg N/L Blank <0.01
Sample duplicate <0.01-<0.01

Nitrate (NO₃) mg N/L Blank <0.01

Nitrite (NO₂) mg N/L Blank <0.01

Standard name DMR-0581-2017-NO₂
Result 2.92
Accuracy
Limit 2.30 - 3.12

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

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Additional information

Lab number: V-70150

Sample name: STP-LJMIX

Sampling location: STP-LJMIX

Sampling date: November 06, 2017

Sampling hour: 08:00

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

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

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Analytical Report

Company: **Agnico Eagle Division Meadowbank**

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

Lab number: M-122669

Sampling location: STP-IN

Sampling date: November 06, 2017

Sample name: STP-IN

Sampling hour: 08:00

Sampled by: JK

Date received: November 08, 2017

Matrix: Waste water

Reported on: November 13, 2017

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

Results relate only to the sample tested.

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

Lab number: M-122669

Sample name: STP-IN

Sampling date: November 06, 2017

Sampling location: STP-IN

Sampling hour: 08:00

Parameter	Result	Method name	Analysis date
Fecal coliforms	2 300 000 CFU/100ml	M-COLI-1,0	November 08, 2017
Total coliforms	35 000 000 CFU/100ml	M-COLI-2,0	November 08, 2017
Atypical colonies	12 000 000 CFU/100ml	M-COLI-2,0	November 08, 2017
Temperature	10 °C	M-TEMP-1.0	November 08, 2017

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

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Additional information

Lab number: M-122669

Sample name: STP-IN

Sampling location: STP-IN

Sampling date: November 06, 2017

Sampling hour: 08:00

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

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

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

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