

Appendix G8

Letter: TSS Exceedance – Letter to EC Inspector



AGNICO EAGLE

September 11th, 2014

Mr. Dovreshin MacRae
Enforcement Officer
Northern District, Prairie and Northern Region
Environmental Enforcement Directorate
Environment Canada
Nova Plaza - 5019 - 52 St
PO Box 2310
Yellowknife, NT
X1A 2P7

**Re: Agnico Eagle Meadowbank Mine – Vault Attenuation Pond Discharge Total
Suspended Solids Exceedance on August 6th, 2014.**

Dear Mr. MacRae,

As required by Section 24(1)(a) of the Metal Mining Effluent Regulations, Agnico Eagle Mine Ltd. Meadowbank Division informed you that on August 6th, 2014, the level of Total Suspended Solids (TSS) from the Vault Attenuation Pond Discharge exceeded the limits, set out in Schedule 4, of 30 mg/L for the maximum authorized concentration in a grab sample and of 15 mg/L for the maximum authorized monthly mean concentration.

The dewatering of Vault Lake (non-contact water), which started in 2013, was completed on June 29th, 2014. Subsequently, contact water from the Vault pit was transferred into the Vault Attenuation Pond. On July 24th, 2014 AEM began discharging Vault Attenuation Pond water for a short duration which ended on August 14th. Prior to discharge, samples were taken (June 30th) and confirmed that all regulatory limits would not be exceeded (see attached laboratory certificates). As required by Section 12 (1), weekly samples were taken during the three (3) weeks of discharge on July 28th (TSS - 5 mg/L), August 6th (TSS - 57 mg/L) and August 12th (TSS - 4 mg/L), with an average of 22 mg/L over this period of discharge and average of 30.5 mg/L for August only. As part of our internal monitoring to ensure the protection of the receiving environment, AEM also took TSS samples from July 24th to July 28th and August 2nd at our onsite laboratory, which is not accredited but provides us real time data. Results of these sampling were respectively 8 mg/L, 6.4 mg/L, 6 mg/L, 3.6 mg/L, 7 mg/L and 3.6 mg/L (with a monthly average of 5.7mg/L). It is evident from these data that the 57 mg/L, was not representative of the water quality during discharge and was an anomaly caused either by cross contamination or sampling error.

AEM received the August 6th results (laboratory certificate attach with this letter) on August 27th, two (2) weeks after stopping the discharge. Unfortunately, given the short duration of discharge, it was not possible to conduct more test to valid this exceedance.



AGNICO EAGLE

Given the water quality chemistry prior to discharge into Wally Lake, the results on July 28th and August 12th, the onsite laboratory results for TSS during discharge, the TSS exceedance is an outlier and with the short duration of the discharge, AEM is confident the aquatic environment was protected. Core receiving environment monitoring in Wally Lake data has been collected and will confirm these findings.

Should you have any questions regarding this report, please contact me via email at marie-pier.marcil@agnicoeagle.com or Ryan Van Engen at ryan.vanengen@agnicoeagle.com

Regards,

Marie-Pier Marcil
Senior Technician Compliance



Laboratory Certificates Vault Attenuation Pond June 30th, 2014

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-35361

Sampling location: ST-10 N 65°04 11'9 W 95°59 52"7

Sampling date: June 30, 2014

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

Sampling hour: 07:45

Sampled by: Martin Theriault

Date received: July 01, 2014

Matrix: Waste Water

Drinking water distribution: Vault

Reported on: July 22, 2014

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-35361

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

Sampling date: June 30, 2014

Sampling location: ST-10 N 65°04 11'9 W 95°59 52"7

Sampling hour: 07:45

Parameter	Result	Method name	Analysis date
Alkalinity	32 mg CaCO ₃ /L	M-TIT-1.0	July 01, 2014
Aluminium (Al)	0.073 mg/L	Sous-traitance\Multilab Direct	July 03, 2014
Dissolved Aluminium (Al)	<0.006 mg/L	Sous-traitance\Multilab Direct	July 03, 2014
Antimony (Sb)	0.0002 mg/L	Sous-traitance\Multilab Direct	July 03, 2014
Dissolved Antimony (Sb)	<0.0001 mg/L	Sous-traitance\Multilab Direct	July 03, 2014
Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 03, 2014
Dissolved Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 03, 2014
Ammonia nitrogen (NH ₃ -NH ₄)	1 mg N/L	Sous-traitance\Multilab Direct	July 02, 2014
Kjeldahl nitrogen	2.1 mg N/L	Sous-traitance\Multilab Direct	July 04, 2014
Barium (Ba)	0.0119 mg/L	Sous-traitance\Multilab Direct	July 03, 2014
Dissolved Barium (Ba)	0.0106 mg/L	Sous-traitance\Multilab Direct	July 03, 2014
Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 03, 2014
Dissolved Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 03, 2014
bicarbonate (HCO ₃)	32 mg CaCO ₃ /L	M-TIT-1.0	July 01, 2014
Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	July 03, 2014
Dissolved Boron (B)	<0.01 mg/L	Sous-traitance\Multilab Direct	July 03, 2014
Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	July 03, 2014
Dissolved Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	July 03, 2014
Calcium (Ca)	12.2 mg/L	Sous-traitance\Multilab Direct	July 03, 2014
Carbonate (CO ₃)	<2 mg CaCO ₃ /L	M-TIT-1.0	July 01, 2014
Dissolved Organic Carbon (D.O.)	5.0 mg/L	M-COT-1.0	July 01, 2014
Total Organic Carbon (T.O.C.)	5.2 mg/L	M-COT-1.0	July 01, 2014
Chloride	2.2 mg/L	Sous-traitance\Multilab Direct	July 04, 2014
Chrome (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	July 03, 2014
Dissolved Chromium (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	July 03, 2014
Copper (Cu)	0.0012 mg/L	Sous-traitance\Multilab Direct	July 03, 2014
Dissolved Copper (Cu)	0.0010 mg/L	Sous-traitance\Multilab Direct	July 03, 2014
Total Cyanide (CNT)	<0.005 mg/L	M-CN-1.0	July 04, 2014
Hardness	47 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	July 03, 2014
Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 03, 2014
Dissolved Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 03, 2014
Iron (Fe)	0.14 mg/L	Sous-traitance\Multilab Direct	July 03, 2014
Dissolved Iron (Fe)	0.01 mg/L	Sous-traitance\Multilab Direct	July 03, 2014
Fluoride (F)	0.08 mg/L	Sous-traitance\Multilab Direct	July 02, 2014
Hydrocarbons (C10-C50)	<0.1 mg/L	M-HYD-2.0	July 03, 2014
Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	July 14, 2014
Dissolved Lithium (Li)	<0.005 mg/L	Sous-traitance\Multilab Direct	July 14, 2014
Total Suspended Solids	3 mg/L	M-SOLI-1.0	July 02, 2014
Magnesium (Mg)	4.1 mg/L	Sous-traitance\Multilab Direct	July 03, 2014
Manganese (Mn)	0.03 mg/L	Sous-traitance\Multilab Direct	July 03, 2014

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-35361

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

Sampling date: June 30, 2014

Sampling location: ST-10 N 65°04 11'9 W 95°59 52"7

Sampling hour: 07:45

Parameter	Result	Method name	Analysis date
Dissolved Manganese (Mn)	0.0195 mg/L	Sous-traitance\Multilab Direct	July 03, 2014
Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	July 04, 2014
Dissolved Mercury (Hg)	<0.0001 mg/L	Sous-traitance\Multilab Direct	July 04, 2014
Molybdenum (Mo)	0.003 mg/L	Sous-traitance\Multilab Direct	July 03, 2014
Dissolved Molybdenum (Mo)	0.004 mg/L	Sous-traitance\Multilab Direct	July 03, 2014
Nickel (Ni)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 03, 2014
Dissolved Nickel (Ni)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 04, 2014
Nitrate (NO3)	1.5 mg N/L	Sous-traitance\Multilab Direct	July 03, 2014
Nitrite (NO2)	0.02 mg N/L	Sous-traitance\Multilab Direct	July 02, 2014
Ortho-Phosphate (O-PO4)	<0.01 mg P/L	Sous-traitance\Multilab Direct	July 03, 2014
Total Phosphorus (P)	0.03 mg P/L	Sous-traitance\Multilab Direct	July 09, 2014
Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	July 03, 2014
Dissolved Lead (Pb)	<0.0003 mg/L	Sous-traitance\Multilab Direct	July 04, 2014
Potassium (K)	1.9 mg/L	Sous-traitance\Multilab Direct	July 03, 2014
Radium (Ra 226)	<0.002 Becquerels/L	M-RA-2.0	July 16, 2014
Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 03, 2014
Dissolved Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 03, 2014
Silica (Si)	1.8 mg/L	Sous-traitance\Multilab Direct	July 03, 2014
Sodium (Na)	1.3 mg/L	Sous-traitance\Multilab Direct	July 03, 2014
Dissolved Solids	83 mg/L	M-TIT-1.0	July 01, 2014
Strontium (Sr)	0.068 mg/L	Sous-traitance\Multilab Direct	July 14, 2014
dissolved Strontium (Sr)	0.064 mg/L	Sous-traitance\Multilab Direct	July 14, 2014
Sulfate (SO4)	19.8 mg SO4/L	Sous-traitance\Multilab Direct	July 09, 2014
Thallium (Tl)	<0.005 mg/L	Sous-traitance\Multilab Direct	July 14, 2014
Dissolved thallium (Tl)	<0.005 mg/L	Sous-traitance\Multilab Direct	July 14, 2014
Titanium (Ti)	<0.01 mg/L	Sous-traitance\Multilab Direct	July 03, 2014
Dissolved titanium (Ti)	<0.01 mg/L	Sous-traitance\Multilab Direct	July 03, 2014
Uranium (U)	0.001 mg/L	Sous-traitance\Multilab Direct	July 03, 2014
Dissolved Uranium (U)	0.001 mg/L	Sous-traitance\Multilab Direct	July 03, 2014
Vanadium (V)	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 03, 2014
Dissolved Vanadium	<0.0005 mg/L	Sous-traitance\Multilab Direct	July 03, 2014
Zinc (Zn)	<0.001 mg/L	Sous-traitance\Multilab Direct	July 03, 2014
Dissolved Zinc	<0.001 mg/L	Sous-traitance\Multilab Direct	July 03, 2014

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-35361

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

Sampling date: June 30, 2014

Sampling location: ST-10 N 65°04 11'9 W 95°59 52"7

Sampling hour: 07:45

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

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-35361

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

Sampling date: June 30, 2014

Sampling location: ST-10 N 65°04 11'9 W 95°59 52'7

Sampling hour: 07:45

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

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

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

Quality control Report

Lab number: V-35361

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

Sampling date: June 30, 2014

Sampling location: ST-10 N 65°04 11'9 W 95°59 52"7

Sampling hour: 07:45

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 145 Accuracy 100% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006
	Standard name DMR-0483-2014-2 Result 6.98 Accuracy 87.2% Limit 5.26 - 7.12
Dissolved Aluminium (Al) mg/L	Blank <0.006
	Standard name DMR-0483-2014-2 Result 6.82 Accuracy 89.8% Limit 5.26 - 7.12
Antimony (Sb) mg/L	Blank <0.0001
	Standard name DMR-0483-2014-2 Result 0.1917 Accuracy 86.7% Limit 0.188 - 0.254
Dissolved Antimony (Sb) mg/L	Blank <0.0001
	Standard name DMR-0483-2014-2 Result 0.1898 Accuracy 85.9% Limit 0.188 - 0.254
Arsenic (As) mg/L	Blank <0.0005
	Standard name DMR-0483-2014-2 Result 0.3415 Accuracy 79.3% Limit 0.219 - 0.347
Dissolved Arsenic (As) mg/L	Blank <0.0005
	Standard name DMR-0483-2014-2 Result 0.3159 Accuracy 88.4% Limit 0.219 - 0.347
Ammonia nitrogen (NH ₃ -NH ₄) m	Blank <0.01
	Standard name DMR-0429-2014-NH3 Result 3.3 Accuracy 94.6% Limit 2.97 - 4.01
Kjeldahl nitrogen mg N/L	Blank <0.05

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

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

Quality control Report

Lab number: V-35361

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

Sampling date: June 30, 2014

Sampling location: ST-10 N 65°04 11'9 W 95°59 52"7

Sampling hour: 07:45

Parameter	
	Standard name DMR-0429-2014-NTK
	Result 7.7
	Accuracy 88%
	Limit 7.44 - 10.06
Barium (Ba) mg/L	Blank <0.0005
	Standard name DMR-0483-2014-2
	Result 2.397
	Accuracy 99.9%
	Limit 2.04 - 2.76
Dissolved Barium (Ba) mg/L	Blank <0.0005
	Standard name DMR-0483-2014-2
	Result 2.418
	Accuracy 99.2%
	Limit 2.04 - 2.76
Beryllium (Be) mg/L	Blank <0.0005
	Standard name DMR-0483-2014-2
	Result 1.934
	Accuracy 86.2%
	Limit 1.45 - 1.96
Dissolved Beryllium (Be) mg/L	Blank <0.0005
	Standard name DMR-0483-2014-2
	Result 1.927
	Accuracy 86.6%
	Limit 1.45 - 1.96
Boron (B) mg/L	Blank <0.01
	Standard name DMR-0483-2014-2
	Result 3.2
	Accuracy 88.9%
	Limit 2.45 - 3.31
Dissolved Boron (B) mg/L	Blank <0.01
	Standard name DMR-0483-2014-2
	Result 3.1
	Accuracy 92.4%
	Limit 2.45 - 3.31
Cadmium (Cd) mg/L	Blank <0.00002
	Standard name DMR-0483-2014-2
	Result 0.92301
	Accuracy 97.4%
	Limit 0.765 - 1.035
Dissolved Cadmium (Cd) mg/L	Blank <0.00002

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

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

Quality control Report

Lab number: V-35361

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

Sampling date: June 30, 2014

Sampling location: ST-10 N 65°04 11'9 W 95°59 52"7

Sampling hour: 07:45

Parameter	
	Standard name DMR-0483-2014-2
	Result 0.89203
	Accuracy 99.1%
	Limit 0.765 - 1.035
Calcium (Ca) mg/L	Blank <0.03
	Standard name DMR-0483-2014-2
	Result 9.4
	Accuracy 98.5%
	Limit 8.11 - 10.97
Dissolved Organic Carbon (D.O.	Blank <0.2
	Standard name COD 10mg/L
	Result 9
	Accuracy 90%
	Limit 8 - 12
Total Organic Carbon (T.O.C.) rr	Blank <0.2
	Standard name COT 10mg/L
	Result 9
	Accuracy 90%
	Limit 8 - 12
Chloride mg/L	Blank <0.5
	Standard name DMR-0429-2014-Cl
	Result 108
	Accuracy 99.1%
	Limit 96 - 122
Chrome (Cr) mg/L	Blank <0.0006
	Standard name DMR-0483-2014-2
	Result 4.156
	Accuracy 97.4%
	Limit 3.44 - 4.66
Dissolved Chromium (Cr) mg/L	Blank <0.0006
	Standard name DMR-0483-2014-2
	Result 4.125
	Accuracy 98.1%
	Limit 3.44 - 4.66
Copper (Cu) mg/L	Blank <0.0005
	Standard name DMR-0483-2014-2
	Result 1.377
	Accuracy 89%
	Limit 1.05 - 1.43
Dissolved Copper (Cu) mg/L	Blank <0.0005

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

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

Quality control Report

Lab number: V-35361

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

Sampling date: June 30, 2014

Sampling location: ST-10 N 65°04 11'9 W 95°59 52"7

Sampling hour: 07:45

Parameter	
	Standard name DMR-0483-2014-2
	Result 1.377
	Accuracy 89%
	Limit 1.05 - 1.43
Total Cyanide (CNT) mg/L	Blank <0.005
	Standard name DMR-0258-2014-6
	Result 0.0910
	Accuracy 88.3%
	Limit 0.0693 - 0.0937
Tin (Sn) mg/L	Blank <0.001
Dissolved Tin (Sn) mg/L	Blank <0.001
Iron (Fe) mg/L	Blank <0.01
	Standard name DMR-0483-2014-2
	Result 9.9
	Accuracy 94.3%
	Limit 8.9 - 12.1
Dissolved Iron (Fe) mg/L	Blank <0.01
	Standard name DMR-0483-2014-2
	Result 9.9
	Accuracy 94.3%
	Limit 8.9 - 12.1
Fluoride (F) mg/L	Blank <0.02
	Standard name DMR-0429-2014-F
	Result 2.5
	Accuracy 96.7%
	Limit 2.24 - 2.60
Hydrocarbons (C10-C50) mg/L	Blank <0.1
	Standard name 200 ppm(2)
	Result 1.30
	Accuracy 96%
	Limit 0.88 - 1.63
Hydrocarbons (C10-C50) mg/L	Standard name MR-0.625mg/L
	Result 0.600
	Accuracy 96%
	Limit 0.438 - 0.813
Lithium (Li) mg/L	Blank <0.005
	Standard name DMR-0483-2014-2A
	Result 0.938
	Accuracy 88.3%
	Limit 0.672 - 1.008

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-35361

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

Sampling date: June 30, 2014

Sampling location: ST-10 N 65°04 11'9 W 95°59 52"7

Sampling hour: 07:45

Parameter	
Dissolved Lithium (Li) mg/L	Blank <0.005 Standard name DMR-0483-2014-2A Result 0.938 Accuracy 88.3% Limit 0.672 - 1.008
Total Suspended Solids mg/L	Blank <1 Standard name STD-MES 25mg/L Result 29 Accuracy 84% Limit 19 - 31
Magnesium (Mg) mg/L	Blank <0.02 Standard name DMR-0483-2014-2 Result 7.1 Accuracy 85.7% Limit 5.28 - 7.14
Manganese (Mn) mg/L	Blank <0.0005 Standard name DMR-0483-2014-2 Result 3.750 Accuracy 97.2% Limit 3.28 - 4.44
Dissolved Manganese (Mn) mg/l	Blank <0.0005 Standard name DMR-0483-2014-2 Result 3.836 Accuracy 99.4% Limit 3.28 - 4.44
Mercury (Hg) mg/L	Blank <0.00001 Standard name DMR-0156-2014-Hgr Result 0.00662 Accuracy 75.1% Limit 0.0037 - 0.0069
Dissolved Mercury (Hg) mg/L	Blank <0.0001 Standard name DMR-0429-2014-Hg Result 0.0005 Accuracy 83.3% Limit 0.0005 - 0.0007
Molybdenum (Mo) mg/L	Blank <0.0005 Standard name DMR-0483-2014-2 Result 0.5990 Accuracy 85% Limit 0.599 - 0.811

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-35361

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

Sampling date: June 30, 2014

Sampling location: ST-10 N 65°04 11'9 W 95°59 52"7

Sampling hour: 07:45

Parameter	
Dissolved Molybdenum (Mo) mg	Blank <0.0005
	Standard name DMR-0483-2014-2
	Result 0.6022
	Accuracy 85.4%
	Limit 0.599 - 0.811
Nickel (Ni) mg/L	Blank <0.0005
	Standard name DMR-0483-2014-2
	Result 1.240
	Accuracy 90.3%
	Limit 0.96 - 1.30
Dissolved Nickel (Ni) mg/L	Blank <0.0005
	Standard name DMR-0483-2014-2
	Result 1.242
	Accuracy 90.1%
	Limit 0.96 - 1.30
Total Phosphorus (P) mg P/L	Blank <0.01
	Standard name DMR-0429-2014-10Ptotal
	Result 1.70
	Accuracy 90.4%
	Limit 1.65 - 2.11
Lead (Pb) mg/L	Blank <0.0003
	Standard name DMR-0483-2014-2
	Result 1.004
	Accuracy 88.4%
	Limit 0.765 - 1.035
Dissolved Lead (Pb) mg/L	Blank <0.0003
	Standard name DMR-0483-2014-2
	Result 0.8989
	Accuracy 99.9%
	Limit 0.765 - 1.035
Potassium (K) mg/L	Blank <0.05
	Standard name DMR-0483-2014-2
	Result 19.7
	Accuracy 89.3%
	Limit 15.1 - 20.5
Radium (Ra 226) Becquerels/L	Blank <0.002
	Standard name STD 27251
	Result 0.0910
	Accuracy 93.3%
	Limit 0.0725 - 0.0981

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-35361

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

Sampling date: June 30, 2014

Sampling location: ST-10 N 65°04 11'9 W 95°59 52"7

Sampling hour: 07:45

Parameter	
Selenium (Se) mg/L	Blank <0.001 Standard name DMR-0483-2014-2 Result 1.53 Accuracy 86.7% Limit 1.15 - 1.55
Dissolved Selenium (Se) mg/L	Blank <0.001 Standard name DMR-0483-2014-2 Result 1.44 Accuracy 93.3% Limit 1.15 - 1.55
Silica (Si) mg/L	Blank <0.01
Sodium (Na) mg/L	Blank <0.05 Standard name DMR-0483-2014-2 Result 14.9 Accuracy 89.6% Limit 11.5 - 15.5
Strontium (Sr) mg/L	Blank <0.005 Standard name DMR-0483-2014-2A Result 1.40 Accuracy 87.1% Limit 0.99 - 1.49
dissolved Strontium (Sr) mg/L	Blank <0.005 Standard name DMR-0483-2014-2A Result 1.39 Accuracy 87.9% Limit 0.99 - 1.49
Sulfate (SO4) mg SO4/L	Blank <0.6 Standard name DMR-0429-2014-SO4 Result 136 Accuracy 97.7% Limit 120 - 146
Thallium (Tl) mg/L	Blank <0.005 Standard name TI-S120124021-1000ppm Result 1121 Accuracy 87.9% Limit 850 - 1150
Dissolved thallium (Tl) mg/L	Blank <0.005 Standard name TI-S120124021-1000ppm Result 1133 Accuracy 86.7%

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

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

Quality control Report

Lab number: V-35361

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

Sampling date: June 30, 2014

Sampling location: ST-10 N 65°04 11'9 W 95°59 52"7

Sampling hour: 07:45

Parameter	
	Limit 850 - 1150
Titanium (Ti) mg/L	Blank <0.01
Dissolved titanium (Ti) mg/L	Blank <0.01
Uranium (U) mg/L	Blank <0.001
	Standard name DMR-0483-2014-2
	Result 1.91
	Accuracy 90.9%
	Limit 1.49 - 2.01
Dissolved Uranium (U) mg/L	Blank <0.001
	Standard name DMR-0483-2014-2
	Result 1.88
	Accuracy 92.6%
	Limit 1.49 - 2.01
Vanadium (V) mg/L	Blank <0.0005
	Standard name DMR-0483-2014-2
	Result 2.028
	Accuracy 98.1%
	Limit 1.69 - 2.29
Dissolved Vanadium mg/L	Blank <0.0005
	Standard name DMR-0483-2014-2
	Result 2.016
	Accuracy 98.7%
	Limit 1.69 - 2.29
Zinc (Zn) mg/L	Blank <0.001
	Standard name DMR-0483-2014-2
	Result 4.94
	Accuracy 90.5%
	Limit 3.83 - 5.19
Dissolved Zinc mg/L	Blank <0.001
	Standard name DMR-0483-2014-2
	Result 4.82
	Accuracy 93.1%
	Limit 3.83 - 5.19

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-35361

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

Sampling location: ST-10 N 65°04 11'9 W 95°59 52"7

Sampling date: June 30, 2014

Sampling hour: 07:45

Lab method	Method reference
M-TIT-1.0	MA.303-Titr Auto 2.0
M-MET-3.0	MA.200-Mét. 1.2
M-NH3-2.0	MA.300-N 2.0
M-CL-2.0	MA.300-Ions 1.3
M-CN-1.0	MA.300-CN 1.2
M-CI-1.0	MA.300-Anions 1.0
M-HYD-2.0	MA.400-HYD. 1.1
M-SOLI-1.0	MA.104-S.S. 1.1
M-NITR-2.0	MA.300-NO3 2.0
M-P-2.0	MA.303-P 1.1
M-P-3.0	MA. 315-P 2.0
M-RA-2.0	APHA 7500-Ra B et EPA P.13 (EMSL-CI)
M-SULF-2.0	MA.300-Ions 1.3

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

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



AGNICO EAGLE

Laboratory Certificates Vault Attenuation Pond August 6th, 2014

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-37041

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

Sampling date: August 06, 2014

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

Sampling hour: 08:10

Sampled by: Robin Allard/Jamie Kataluk

Date received: August 07, 2014

Matrix: Waste Water

Drinking water distribution: Vault

Corrected certificate, replacing the certificate V-37041 done on September 02 2014

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-37041

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

Sampling date: August 06, 2014

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

Sampling hour: 08:10

Parameter	Result	Method name	Analysis date
Arsenic (As)	0.0011 mg/L	Sous-traitance\Multilab Direct	August 11, 2014
Copper (Cu)	0.0087 mg/L	Sous-traitance\Multilab Direct	August 11, 2014
Total Cyanide (CNT)	<0.005 mg/L	M-CN-1.0	August 15, 2014
Total Suspended Solids	57 mg/L	M-SOLI-1.0	August 08, 2014
Nickel (Ni)	0.0039 mg/L	Sous-traitance\Multilab Direct	August 11, 2014
Lead (Pb)	0.0011 mg/L	Sous-traitance\Multilab Direct	August 12, 2014
Radium (Ra 226)	0.006 Becquerels/L	M-RA-2.0	August 27, 2014
Zinc (Zn)	0.006 mg/L	Sous-traitance\Multilab Direct	August 11, 2014

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-37041

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

Sampling date: August 06, 2014

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

Sampling hour: 08:10

Parameter	Value	Unit	Method	Accreditation
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Total Cyanide (CNT)	0.005	mg/L	M-CN-1.0	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
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes

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

Quality control Report

Lab number: V-37041

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

Sampling date: August 06, 2014

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

Sampling hour: 08:10

Parameter	
Arsenic (As) mg/L	Blank <0.0005
	Standard name C00-046-705_X 1000
	Result 0.0999
	Accuracy 99.9%
	Limit 0.0775 - 0.1225
Copper (Cu) mg/L	Blank <0.0005
	Standard name C00-046-705_X 1000
	Result 0.1137
	Accuracy 86.3%
	Limit 0.0850 - 0.1150
Total Cyanide (CNT) mg/L	Blank <0.005
	Standard name DMR-0503-2014-7
	Result 0.0790
	Accuracy 96.9%
	Limit 0.0693 - 0.0937
Total Suspended Solids mg/L	Blank <1
	Standard name STD-MES 25mg/L
	Result 28
	Accuracy 88%
	Limit 19 - 31
Nickel (Ni) mg/L	Blank <0.0005
	Standard name C00-046-705_X 1000
	Result 0.1140
	Accuracy 86%
	Limit 0.0850 - 0.1150
Lead (Pb) mg/L	Blank <0.0003
	Standard name C00-046-705_X 1000
	Result 0.0969
	Accuracy 96.9%
	Limit 0.0850 - 0.1150
Radium (Ra 226) Becquerels/L	Blank <0.002
	Standard name STD 27251
	Result 0.0730
	Accuracy 85.6%
	Limit 0.0725 - 0.0981
Zinc (Zn) mg/L	Blank <0.001
	Standard name C00-046-705_X 1000
	Result 0.108
	Accuracy 92%
	Limit 0.0850 - 0.1150

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-37041

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

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

Sampling date: August 06, 2014

Sampling hour: 08:10

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)

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.