



Detection limit

Lab number: V-71237

Sample name: STP-LJMIX

Sampling location: STP-LJMIX

Sampling date: December 11, 2017

Sampling hour: 09:30

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	7	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.

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



Quality control Report

Lab number: V-71237

Sample name: STP-LJMIX

Sampling location: STP-LJMIX

Sampling date: December 11, 2017

Sampling hour: 09:30

Parameter

Kjeldahl nitrogen mg N/L	Blank <0.05
	Standard name DMR-0581-2017-NTK
	Result 6.17
	Accuracy 91.2%
	Limit 4.82 - 6.52

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

Nitrate (NO3) mg N/L	Blank <0.01
Nitrite (NO2) mg N/L	Blank <0.01
	Standard name DMR-0684-2017-NO2
	Result 2.52
	Accuracy 96.7%
	Limit 2.07 - 2.81

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

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Additional information

Lab number: V-71237

Sample name: STP-LJMIX

Sampling location: STP-LJMIX

Sampling date: December 11, 2017

Sampling hour: 09:30

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-123502

Sampling location: STP-SEP

Sampling date: December 11, 2017

Sample name: STP-SEP

Sampling hour: 09:30

Sampled by: Martin T.

Date received: December 13, 2017

Matrix: Waste water

Reported on: December 18, 2017

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

Results relate only to the sample tested.

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



Analytical Report

Lab number: M-123502

Sample name: STP-SEP

Sampling location: STP-SEP

Sampling date: December 11, 2017

Sampling hour: 09:30

Parameter	Result	Method name	Analysis date
Fecal coliforms	30 CFU/100ml	M-COLI-1,0	December 13, 2017
Total coliforms	90 000 CFU/100ml	M-COLI-2,0	December 13, 2017
Atypical colonies	190 000 CFU/100ml	M-COLI-2,0	December 13, 2017
Temperature	12 °C	M-TEMP-1.0	December 13, 2017

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

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Additional information



Lab number: M-123502

Sample name: STP-SEP

Sampling location: STP-SEP

Sampling date: December 11, 2017

Sampling hour: 09:30

State of the sample at reception : Temperature equal at 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-71238

Sampling location: STP-SEP

Sampling date: December 11, 2017

Sample name: STP-SEP

Sampling hour: 09:30

Sampled by: Martin T.

Date received: December 13, 2017

Matrix: Waste Water

Drinking water distribution:

Reported on: December 21, 2017

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

Results relate only to the sample tested.

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

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

Lab number: V-71238

Sample name: STP-SEP

Sampling location: STP-SEP

Sampling date: December 11, 2017

Sampling hour: 09:30

Parameter	Result	Method name	Analysis date
Ammonia nitrogen (NH ₃ -NH ₄)	55.6 mg N/L	Sous-traitance\Multilab Direct	December 15, 2017
Kjeldahl nitrogen	57.4 mg N/L	Sous-traitance\Multilab Direct	December 18, 2017
BOD-5	11 mg/L	Sous-traitance\H2Lab inc. (SAM)	December 15, 2017
COD	86 mg/L	Sous-traitance\H2Lab inc. (SAM)	December 18, 2017
Total Suspended Solids	26 mg/L	M-SOLI-1.0	December 14, 2017
Ammonia NH ₃ (non-ionized)	1.39 mg N/L	Sous-traitance\Multilab Direct	December 15, 2017
Nitrate (NO ₃)	2.85 mg N/L	Sous-traitance\Multilab Direct	December 15, 2017
Nitrite (NO ₂)	1.14 mg N/L	Sous-traitance\Multilab Direct	December 15, 2017

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

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Detection limit

Lab number: V-71238

Sample name: STP-SEP

Sampling location: STP-SEP

Sampling date: December 11, 2017

Sampling hour: 09:30

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	7	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

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Quality control Report

Lab number: V-71238

Sample name: STP-SEP

Sampling location: STP-SEP

Sampling date: December 11, 2017

Sampling hour: 09:30

Parameter

Ammonia nitrogen (NH₃-NH₄) m Blank <0.01
Standard name DMR-0581-2017-NH₃
Result 2.40
Accuracy 87.3%
Limit 1.81 - 2.45

Kjeldahl nitrogen mg N/L Blank <0.05
Standard name DMR-0581-2017-NTK
Result 6.17
Accuracy 91.2%
Limit 4.82 - 6.52

Total Suspended Solids mg/L Blank <1
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-0684-2017-NO₂
Result 2.52
Accuracy 96.7%
Limit 2.07 - 2.81

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

Lab number: V-71238
Sample name: STP-SEP
Sampling location: STP-SEP

Sampling date: December 11, 2017
Sampling hour: 09:30

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

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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-71210

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

Sampling date: December 11, 2017

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

Sampling hour: 09:00

Sampled by: Fanny L.

Date received: December 12, 2017

Matrix: Water

Reported on: December 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-71210

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

Sampling date: December 11, 2017

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

Sampling hour: 9:00

Parameter	Result	Method name	Analysis date
Total Suspended Solids	10 mg/L	M-SOLI-1.0	December 13, 2017

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

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Detection limit

Lab number: V-71210

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

Sampling date: December 11, 2017

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

Sampling hour: 9:00

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.

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Quality control Report

Lab number: V-71210

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

Sampling date: December 11, 2017

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

Sampling hour: 09:00

Parameter

Total Suspended Solids mg/L	Blank <1
	Standard name STD-MES 25mg/L
	Result 28
	Accuracy 88%
	Limit 19 - 31

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

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Additional information

Lab number: V-71210

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

Sampling date: December 11, 2017

Sampling location: ST-8/ST-MMER-3aWeekly65°01'11.2"N96°02'32.0"W

Sampling Hour : 900

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-71472

Sampling location: ST-8/ST-MMER-3a Monthly 650111.2N9602

Sampling date: December 19, 2017

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

Sampling hour: 08:15

Sampled by: Fanny Laporte

Date received: December 20, 2017

Matrix: Water

Reported on: January 23, 2018

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-71472

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

Sampling date: December 19, 2017

Sampling location: ST-8/ST-MMER-3a Monthly 650111.2N9602

Sampling hour: 08:15

Parameter	Result	Method name	Analysis date
Aluminium (Al)	0.028 mg/L	Sous-traitance\Multilab Direct	January 05, 2018
Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	January 05, 2018
Copper (Cu)	0.0013 mg/L	Sous-traitance\Multilab Direct	January 05, 2018
Total Cyanide (CNT)	<0.001 mg/L	Sous-traitance\Multilab Direct	December 22, 2017
Total Suspended Solids	2 mg/L	M-SOLI-1.0	December 21, 2017
Nickel (Ni)	0.0005 mg/L	Sous-traitance\Multilab Direct	January 05, 2018
Lead (Pb)	0.0067 mg/L	Sous-traitance\Multilab Direct	January 05, 2018
Radium (Ra 226)	<0.002 Becquerels/L	M-RA-2.0	January 23, 2018
Sulfate (SO4)	7.7 mg SO4/L	Sous-traitance\Multilab Direct	December 22, 2017
Zinc (Zn)	0.002 mg/L	Sous-traitance\Multilab Direct	January 05, 2018

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Detection limit

Lab number: V-71472

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

Sampling date: December 19, 2017

Sampling location: ST-8/ST-MMER-3a Monthly 650111.2N9602

Sampling hour: 08:15

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-71472

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

Sampling date: December 19, 2017

Sampling location: ST-8/ST-MMER-3a Monthly 650111.2N9602

Sampling hour: 08:15

Parameter	
Aluminium (Al) mg/L	Blank <0.006 Standard name DMR-0476-2017-22-Eu Result 6.32 Accuracy 99.2% Limit 5.02 - 7.52
Arsenic (As) mg/L	Blank <0.0005 Standard name DMR-0476-2017-22-Eu Result 0.2826 Accuracy 99.5% Limit 0.199 - 0.369
Copper (Cu) mg/L	Blank <0.0005 Standard name DMR-0476-2017-22-Eu Result 1.363 Accuracy 93.5% Limit 1.02 - 1.54
Total Cyanide (CNT) mg/L	Blank <0.001 Standard name DMR-0684 Result 1.14 Accuracy 96.6% Limit 1.00 - 1.36
Total Suspended Solids mg/L	Blank <1 Standard name STD-MES 250mg/L Result 248 Accuracy 99.2% Limit 194 - 306
Total Suspended Solids mg/L	Standard name STD-MES 25mg/L Result 22 Accuracy 88% Limit 19 - 31
Nickel (Ni) mg/L	Blank <0.0005 Standard name DMR-0476-2017-22-Eu Result 1.146 Accuracy 99.5% Limit 0.91 - 1.37
pH	Standard name STD pH 7.0 Result 7.02 Accuracy 99.7% Limit 6.96 - 7.04
Lead (Pb) mg/L	Blank <0.0003 Standard name DMR-0476-2017-22-Eu

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

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Additional information

Lab number: V-71472

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

Sampling date: December 19, 2017

Sampling location: ST-8/ST-MMER-3a Monthly 650111.2N9602:

Sampling hour: 08:15

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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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-71473

Sampling location: East dike N650111.2W960232.0

Sampling date: December 19, 2017

Sample name: ST-EEM-3a

Sampling hour: 08:15

Sampled by: Fanny Laporte

Date received: December 20, 2017

Matrix: Waste Water

Reported on: January 10, 2018

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-71473

Sample name: ST-EEM-3a

Sampling date: December 19, 2017

Sampling location: East dike N650111.2W960232.0

Sampling hour: 08:15

Parameter	Result	Method name	Analysis date
Alkalinity	27 mg CaCO ₃ /L	M-TIT-1.0	December 20, 2017
Aluminium (Al)	0.052 mg/L	Sous-traitance\Multilab Direct	January 05, 2018
Ammonia nitrogen (NH ₃ -NH ₄)	0.02 mg N/L	Sous-traitance\Multilab Direct	December 22, 2017
Cadmium (Cd)	<0.00002 mg/L	Sous-traitance\Multilab Direct	January 05, 2018
Hardness	24 mg CaCO ₃ /L	Sous-traitance\Multilab Direct	January 05, 2018
Mercury (Hg)	<0.00001 mg/L	Sous-traitance\Multilab Direct	January 04, 2018
Molybdenum (Mo)	<0.0005 mg/L	Sous-traitance\Multilab Direct	January 05, 2018
Ammonia NH ₃ (non-ionized)	<0.01 mg N/L	Sous-traitance\Multilab Direct	December 22, 2017
Nitrate (NO ₃)	0.07 mg N/L	Sous-traitance\Multilab Direct	December 21, 2017
Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	January 05, 2018
Iron (Fe)	0.041 mg/L	Sous-traitance\Techni-Lab ActLabs	January 09, 2018

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-71473

Sample name: ST-EEM-3a

Sampling date: December 19, 2017

Sampling location: East dike N650111.2W960232.0

Sampling hour: 08:15

Parameter	Value	Unit	Method	Accreditation
Alkalinity	2	mg CaCO ₃ /L	M-TIT-1.0	
Aluminium (Al)	0.003	mg/L	Sous-traitance	
Ammonia nitrogen (NH ₃ -NH ₄)	0.01	mg N/L	Sous-traitance	Yes
Cadmium (Cd)	0.00002	mg/L	Sous-traitance	Yes
Hardness	1	mg CaCO ₃ /L	Sous-traitance	
Mercury (Hg)	0.00001	mg/L	Sous-traitance	Yes
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Ammonia NH ₃ (non-ionized)	0.01	mg N/L	Sous-traitance	-
Nitrate (NO ₃)	0.01	mg N/L	Sous-traitance	Yes
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Iron (Fe)	0.01	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-71473

Sample name: ST-EEM-3a

Sampling location: East dike N650111.2W960232.0

Sampling date: December 19, 2017

Sampling hour: 08:15

Parameter	
Alkalinity mg CaCO ₃ /L	Standard name STD alcalinité Result 151 Accuracy 95.9% Limit 123 - 167
Aluminium (Al) mg/L	Blank <0.006 Standard name DMR-0476-2017-22-Eu Result 6.32 Accuracy 99.2% Limit 5.02 - 7.52
Ammonia nitrogen (NH ₃ -NH ₄) mg N/L	Blank <0.01 Standard name DMR-0581-2017-NH ₃ Result 2.43 Accuracy 85.9% Limit 1.81 - 2.45 Sample duplicate 0.02-0.02
Cadmium (Cd) mg/L	Blank <0.00002 Standard name DMR-0476-2017-22-Eu Result 0.87044 Accuracy 96.6% Limit 0.721 - 1.081
Mercury (Hg) mg/L	Blank <0.00001 Standard name DMR-0684-2017-Eu Result 0.00099 Accuracy 76.2% Limit 0.0008 - 0.0018
Molybdenum (Mo) mg/L	Blank <0.0005 Standard name DMR-0476-2017-22-Eu Result 0.6294 Accuracy 88.9% Limit 0.566 - 0.850
Ammonia NH ₃ (non-ionized) mg N/L	Blank <0.01 Sample duplicate <0.01-<0.01
Nitrate (NO ₃) mg N/L	Blank <0.01
pH	Standard name STD pH 7.0 Result 7.02 Accuracy 99.7% Limit 6.96 - 7.04
Selenium (Se) mg/L	Blank <0.001 Standard name DMR-0476-2017-22-Eu Result 1.30

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

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Quality control Report

Lab number: V-71473

Sample name: ST-EEM-3a

Sampling date: December 19, 2017

Sampling location: East dike N650111.2W960232.0

Sampling hour: 08:15

Parameter

Accuracy 96.3%

Limit 1.08 - 1.62

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

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Additional information

Lab number: V-71473

Sample name: ST-EEM-3a

Sampling location: East dike N650111.2W960232.0

Sampling date: December 19, 2017

Sampling hour: 08:15

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

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

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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: C-223280

Sampling location: 65°01'11.2" N , 96°02'32.0"W

Sampling date: December 27, 2017

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

Sampling hour: 08:00

Sampled by: Jamie Kataluk

Date received: December 28, 2017

Matrix: Water

Reported on: January 04, 2018

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: C-223280

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

Sampling date: December 27, 2017

Sampling location: 65°01'11.2" N , 96°02'32.0"W

Sampling hour: 08:00

Parameter	Result	Method name	Analysis date
Total Suspended Solids	4 mg/L	M-SOLI-1.0	December 28, 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: C-223280

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

Sampling date: December 27, 2017

Sampling location: 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.

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Additional information

Lab number: C-223280

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

Sampling date: December 27, 2017

Sampling location: 65°01'11.2" N , 96°02'32.0"W

Sampling hour: 08:00

Sampling location : 65°01'11.2" N, 96°02'32.0"W

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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Additional information

Lab number: V-66006

Sample name: ST-EEM-2a FB

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

Sampling date: July 24, 2017

Sampling hour: 08:00

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

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

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Client : 6088 H2LAB

Job Number: B746069

Client Project Name & Number: -

No. d'échantillon : EJ2124-02

Test Result:

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

Toxic Units: <1.0

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

Comment: non-toxique

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

Sample Matrix : WATER

Description: incolore, translucide, inodore, aucun solide

Sample Prior to Analysis:

Sample Collected: Aug 01, 2017 09:30 AM

Sampling Method : Grab

pH: 7.2

Sample Collected By: TOM T

Site Collection: ST-10 65.01.11.2..N

Temperature : 20 °C

Sample Received: Aug 03, 2017 11:30 AM

Volume Received: 1L

Dissolved Oxygen: 9.9 mg/L

Analysis Start : Aug 05, 2017 12:50 PM

Temp. Upon Arrival: 20 °C

Sample Conductance: 217 µS/cm

End : Aug 07, 2017 02:25 PM

Storage: 2-6°C

Hardness: 86 mg CaCO₃/L

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

Comments :

Culture/Control/Dilution Water:

Reconstituted water for Daphnia

Hardness:

175 mg/l CaCO₃

Other parameters available on request.

Test Conditions

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

Organisms per Vessel : 10

Pre-aeration Time : 30 min

Rate of Pre-aeration : 40±5 mL/min/L

Total # of Organisms Used : 60

Test Temperature : 20 ± 2 °C

Test Hardness Adjusted : No

Test Volume : 150 mL

Vessel Volume : 270 ml

Test pH Adjusted: No

Loading Density :

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

Test Organism :

Daphnia magna

Source : Maxxam Lab Culture

Age at Test Initiation :

<24 hres

Average Brood Size : 16.8

Culture Photoperiod :

16 hours of light; 8 hours of darkness

% Mortality within 7 days : 1.0

Culture Temperature :

20 ± 2 °C

Time To First Brood : 8 Days

Culture Diet

Fed once a day.

Reference chemical:

Potassium Dichromate

Test Date:

Aug 07, 2017

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

0.16 (0.063, 0.25)mg/L

Statistical Method :

Binomial

Historical Mean LC50 (warning limits) :

0.20 (0.11, 0.35) mg/L

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

Test Method

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

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

Method Deviations:

Aucune

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Client : 6088 H2LAB

Job Number: B746069

Client Project Name & Number: -

No. d'échantillon : EJ2124-02

Analyst : Angela Paquet-Walsh, Véronique Fournier

Alexandra Côté

Verified By : Alexandra Côté, B.Sc. Biologist

Date: Aug 17, 2017 08:13 AM

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