

## **Appendix B5**

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### **Quarry 22 Report**

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MEADOWBANK GOLD PROJECT

**2016 Quarry 22 Report**

Prepared by:  
Agnico Eagle Mines Limited – Meadowbank Division

March 2017

## EXECUTIVE SUMMARY

Following the AANDC inspection report in 2012, this report has been prepared to provide information regarding the clean-up of quarry 22:

- Explanation of presence of contaminated soil in quarry 22;
- Transfer of material to Meadowbank Landfarm;
- Sampling of the soil at quarry 22; and
- Next steps for the finalization of the decontamination.

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## **SECTION 1 • INTRODUCTION**

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### **1.1 BACKGROUND**

The AWAR (All Weather Access Road) is used to transport material, goods and petroleum products from the Baker Lake Marshalling Facility to the Meadowbank Mine Site. Quarries along the road were used as a source of road building aggregate during the construction phase of the AWAR. Quarry 22 (Q22) is one of these quarries and at this time it is anticipated that no additional materials will be taken from this quarry. Quarry 22 was also historically used as a temporary storage area for contaminated materials generated as a result of petroleum hydrocarbon spill clean-up activities prior to the establishment of the landfarm at the Meadowbank site. The site ceased to be used for this temporary storage when the Meadowbank Landfarm was completed in 2012. All contaminated material was removed from Quarry 22 and taken to the landfarm, located at the west end of the South Tailings Cell, in 2013. The remedial activity currently underway in Quarry 22 and described in this report consists of removal of contaminated materials, the commencement of pit wall sloping and confirmatory sampling of areas where material contaminated with petroleum hydrocarbons (PHC) was stored. The final reclamation of the quarries along AWAR will be done during the closure phase of the Meadowbank mine site as described in the Meadowbank Interim Reclamation and Closure Plan (Golder, 2014).

It should be noted that this quarry site is on Inuit Owned Land and is subject to the conditions of a KIA Land use lease.

### **1.2 OBJECTIVES**

This report summarizes the following aspects concerning Quarry 22:

- Presence of contaminated soil;
- Movement of contaminated soil;
- Analytical results; and
- Next steps in remediation.

## **SECTION 2 • QUARRY 22**

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Quarry 22 was used in the past for temporary storage of contaminated soil generated from petroleum hydrocarbon spills (diesel fuel, hydraulic oil, motor oil, etc.) that occurred during operations of the Meadowbank site and spills that occurred during construction of the last portions of the AWAR. An approved landfarm was completed and used at the Meadowbank site in 2012.

As a result of findings stated in an AANDC Water License inspection dated March 2012 Agnico Eagle prepared and submitted an action plan (dated June 2, 2012) to the Inspector. The Plan consisted of a two phased approach. The first phase included an assessment and delineation of any residual contamination as a result of the storage and the second phase consisted of removing identified contaminated soils and coarse rock to the Landfarm at Meadowbank.

In 2013 a total of 4,413 m<sup>3</sup> of soil and coarse material was removed from Q22. Approximately half of this (1,930 m<sup>3</sup>) was placed in the landfarm in windrows for soil decontamination. The remaining coarse material, which was not contaminated with PHC's, was placed in the Meadowbank Waste Rock Storage Area, located north of Portage Pit. Residual, uncontaminated coarse rocks were used as pit wall sloping in Q22 for progressive reclamation.

### **2.1 2016 ACTIONS**

Results from the September 2014 fall confirmatory sampling indicated some remnants of contamination when compared to the CCME remediation Criteria for Industrial Use of Coarse Material. Most of the contamination remaining was associated with Fraction 3 hydrocarbons. Therefore, Agnico proposed to scarify the remaining contaminated areas in Q22 during the summer of 2015 and 2016 and resample (see Q22 2015 report – 2015 Annual report) in 2016.

Taking into consideration the results from 2014 and the 2015 work plan, Agnico Eagle continued in 2016 to scarify the surface of Quarry 22, as in previous years, with the back-end of a grader, allowing ground surface to be aerated thus increasing degradation of PHC.

The scarification work started mid-July and extended throughout warmer months, depending on equipment availability. On average it was done every second week from July to September (see photos, Appendix A).

A sampling campaign was completed in September to track the degradation of PHC with time. Results are shown in Section 3.

Regular inspections of the quarry were also performed during the year to ensure that runoff, if any, would be free of any visible sheen and would not impact the environment. No issues with runoff water inside the quarry were noted in 2016.

## 2.2 QUARRY 22 SAMPLING

On September 5<sup>th</sup>, 2016, the Environment department sampled the soil from the substrate to further assess PHC degradation following the clean-up action since 2013 and to track rates of contamination reclamation.

As previously done in 2014, a grid was used to divide the quarry in portions representing areas where contaminated material had been stored (Appendix B). As such, areas from 0 to 1 represent a smaller sampling area in size as more contaminated material was stored in this area (towards back/walls). Size increased as areas move from 1 to 2 to 3. Portions from 3 and beyond represented the largest in area. The surface included any material that was used for sloping along the walls (see Section 2.1 above). This area sampling design was adopted to ensure that the soil characterization was well assessed; in particular, in the areas that received most of the contaminated material.

Within each separate area (Q22-1 to Q-22-8) a composite soil sample was collected from the surface at 30 centimeter intervals covering the whole area. This composite sample was collected in a clean plastic bag by an environmental technician in accordance with standard sampling techniques. The composite plastic bag was then thoroughly stirred and mixed. Following this, a 250 ml sample was obtained, placed in a standard glass sample bottle and sent to Agnico's accredited lab. Sampling instruments were cleaned between each sample event.

As such, to ensure consistency of results, the same grid was used in 2016 as in 2014.

## SECTION 3 • RESULTS

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Results from the 2016 fall sampling (Table 1) indicate some remnants of contamination when compared to the CCME remediation Criteria for Industrial use of Coarse material (see certificates in Appendix C). The vast majority of contamination remaining is associated with Fraction 3 for which the CCME criteria is 1700 mg/Kg.

**Table 1 – Quarry 22 2016 sampling results**

	CCME remediation criteria	Q-22-1	Q-22-2	Q-22-3	Q-22-4	Q-22-5	Q-22-6	Q-22-7	Q-22-8
Fraction 1 (mg/Kg)	320	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06	0.2
Fraction 2 (mg/Kg)	260	99	110	58	37	<10	<10	13	<10
Fraction 3 (mg/Kg)	1700	7000	8100	3400	2100	260	470	450	400
Fraction 4 (mg/Kg)	3300	1400	1600	770	490	100	180	180	160

When comparing results of 2016 with the sampling done in 2014 (Table 2 and Figure 1-8), levels of contamination appear to be trending down in general. No more results are above CCME criteria for fraction 1 and 2. Higher levels are noted within fraction 3 and in section Q-22-1 to Q-22-4, which were areas that contained the bulk of historical contaminated material placed in the quarry. An increase is noted within section Q-22-2 and Q-22-3 for fraction 3, but also associated with a decrease in section Q-22-1 and Q-22-4. These variations can be explained by the scarifying work done within the quarry that has spread material between the 2014 and 2016 sampling campaign. The general level of degradation is trending down.



**Table 2 – Quarry 22 2014-2016 sampling results**

Sample Location	Year 2014	Fraction 1	Fraction 2	Fraction 3	Fraction 4	Year 2016	Fraction 1	Fraction 2	Fraction 3	Fraction 4
CCME remediation criteria	Sampling Date	323 (mg/Kg)	260 (mg/Kg)	1700 (mg/Kg)	3300 (mg/Kg)	Sampling Date	320 (mg/Kg)	260 (mg/Kg)	1700 (mg/Kg)	3300 (mg/Kg)
Q-22-1	7/11/2014	0.06	400	10000	1900	9/5/2016	<0.06	99	7000	1400
Q-22-2	7/11/2014	0.06	130	4600	1100	9/5/2016	<0.06	110	8100	1600
Q-22-3	7/11/2014	0.06	10	1100	250	9/5/2016	<0.06	58	3400	770
Q-22-4	7/11/2014	0.06	96	6800	1500	9/5/2016	<0.06	37	2100	490
Q-22-5	7/11/2014	0.06	10	500	170	9/5/2016	<0.06	<10	260	100
Q-22-6	7/11/2014	0.06	10	1600	570	9/5/2016	<0.06	<10	470	180
Q-22-7	7/11/2014	0.06	10	2200	520	9/6/2016	<0.06	13	450	180
Q-22-8	7/11/2014	0.06	37	3100	660	9/6/2016	0.2	<10	400	160

*Red Values are above the CCME criteria*

Figure 2 – Comparative results 2014-2016 – Section Q-22-1

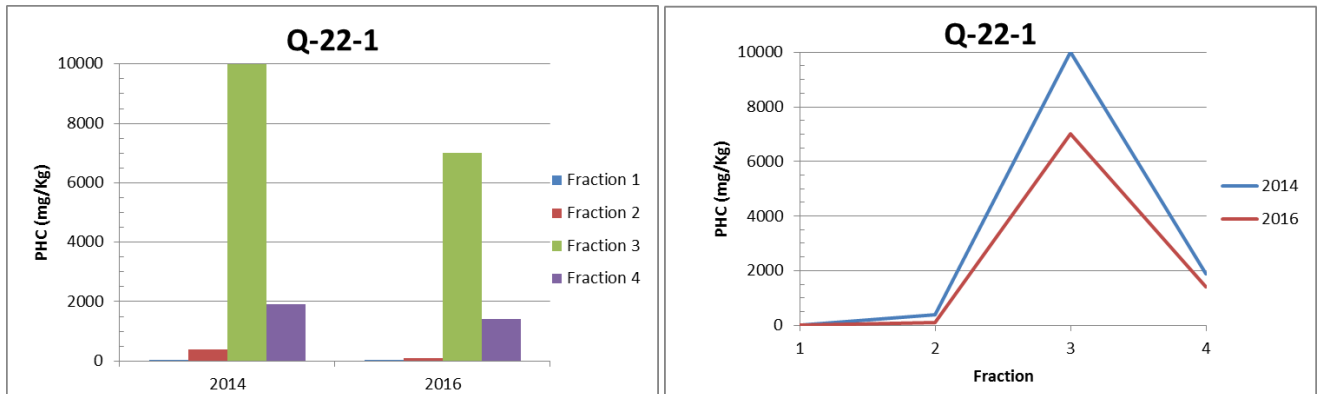


Figure 2 – Comparative results 2014-2016 – Section Q-22-2

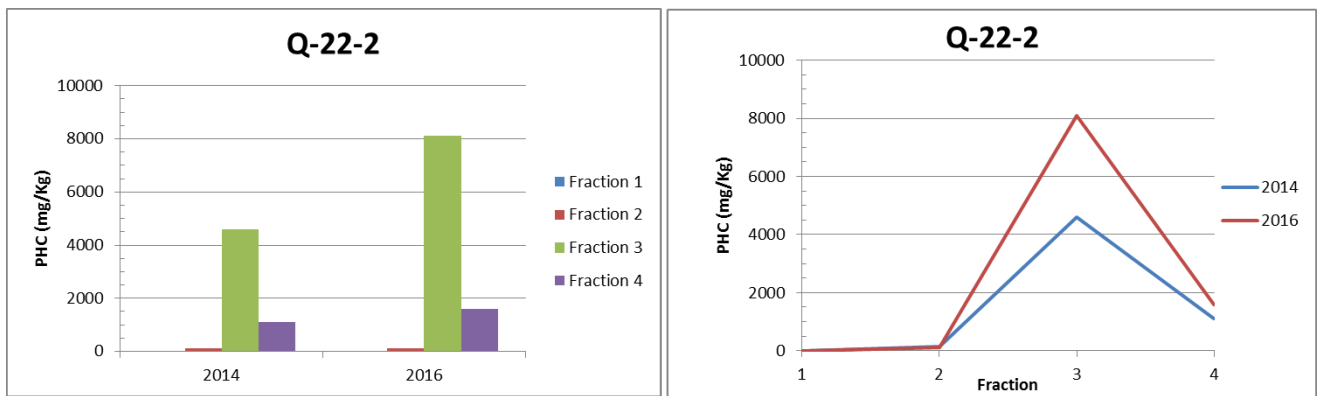


Figure 3 – Comparative results 2014-2016 – Section Q-22-3

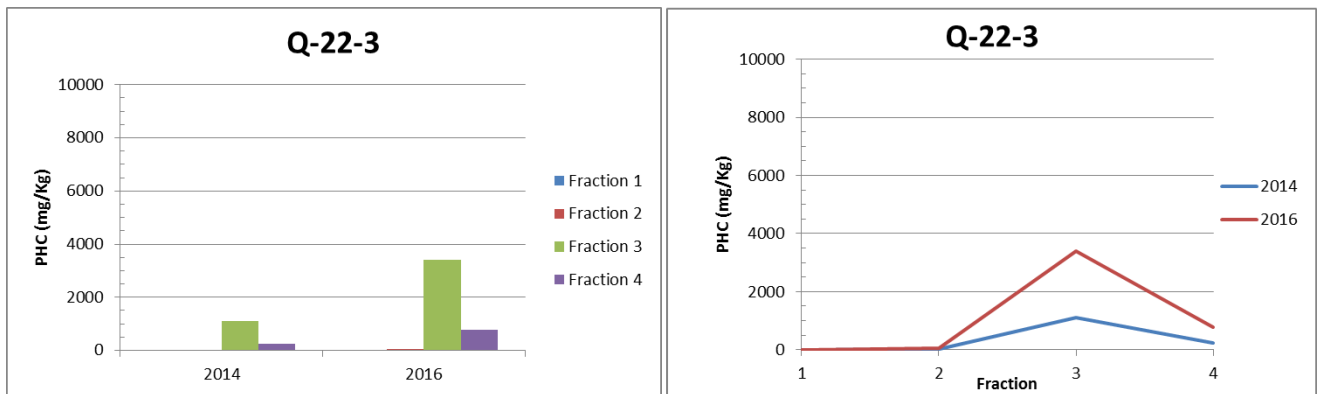


Figure 4 – Comparative results 2014-2016 – Section Q-22-4

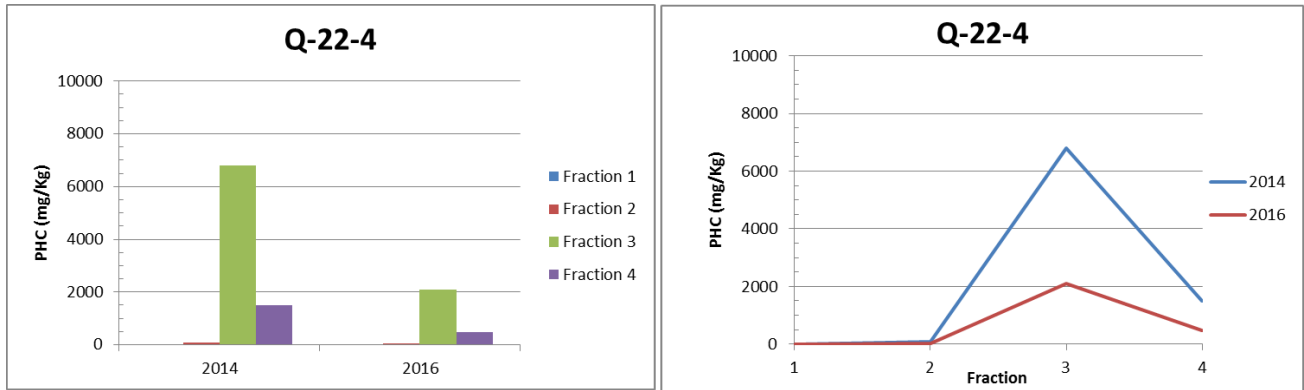


Figure 5 – Comparative results 2014-2016 – Section Q-22-5

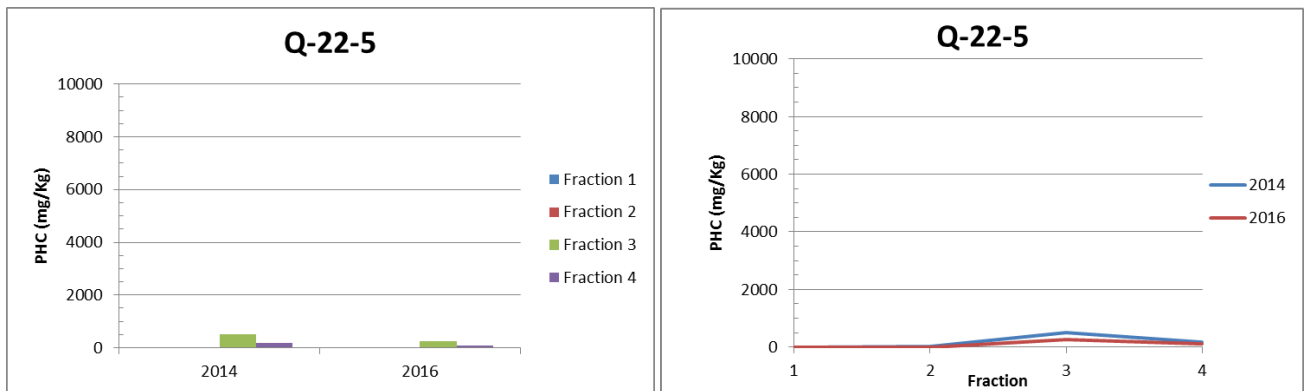


Figure 6 – Comparative results 2014-2016 – Section Q-22-6

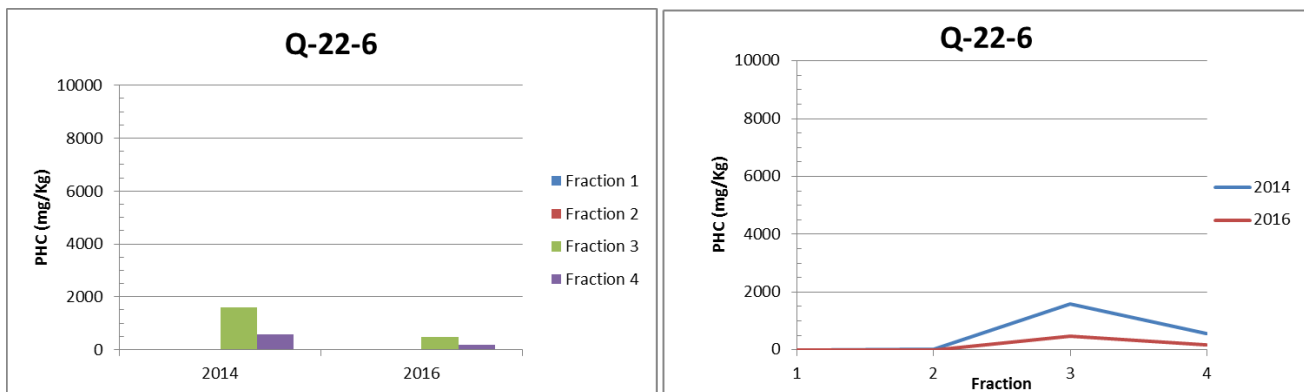


Figure 7 – Comparative results 2014-2016 – Section Q-22-7

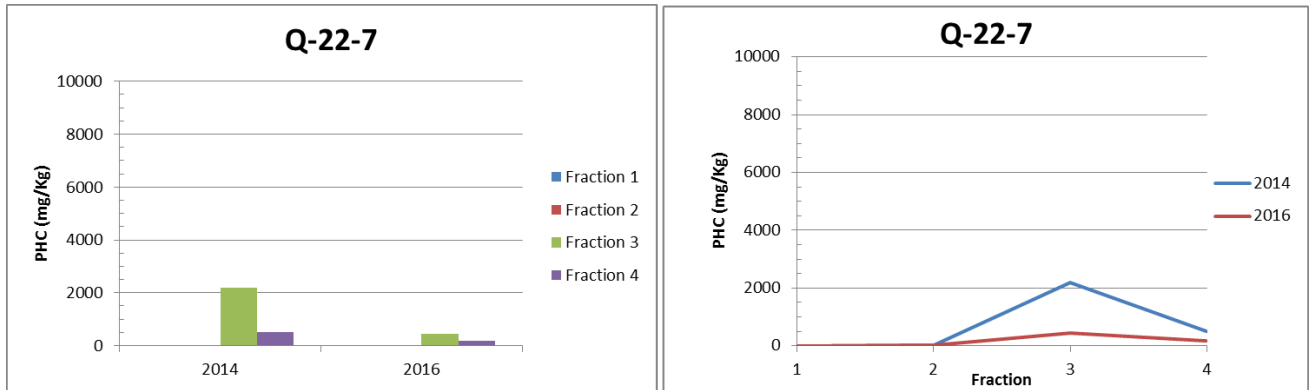
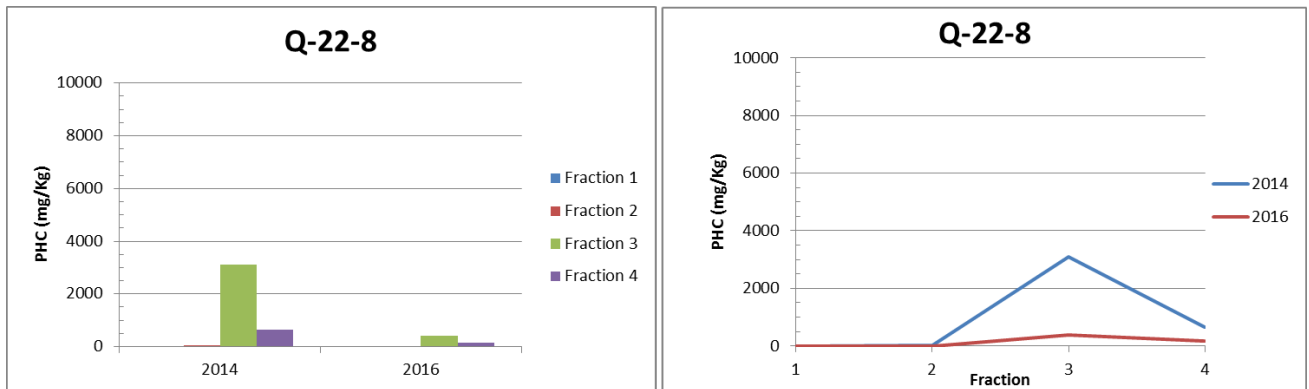


Figure 8 – Comparative results 2014-2016 – Section Q-22-8



## **SECTION 4 • CONCLUSION/RECOMMENDATION**

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Based on the degradation history of PHC's in the Meadowbank Landfarm and upon analysing results from the 2014 and 2016 Q22 soil sampling, Agnico Eagle is confident that the natural degradation of Petroleum Hydro Carbon (PHC) related products is an effective remediation method for Q22. Therefore Agnico proposes to continue scarifying the surface areas in Q22 during the summer of 2017 and conduct another round of sampling in the late fall before freeze up. Results will be compared to the 2014 and 2016 data to monitor the level of degradation.

Results will be collated and analysed further to follow the degradation rates of the quarry surface. If needed, further course of action could include removal of additional material. Nonetheless, Agnico considers the actual methodology to be a satisfactory solution to the remediation of the quarry.

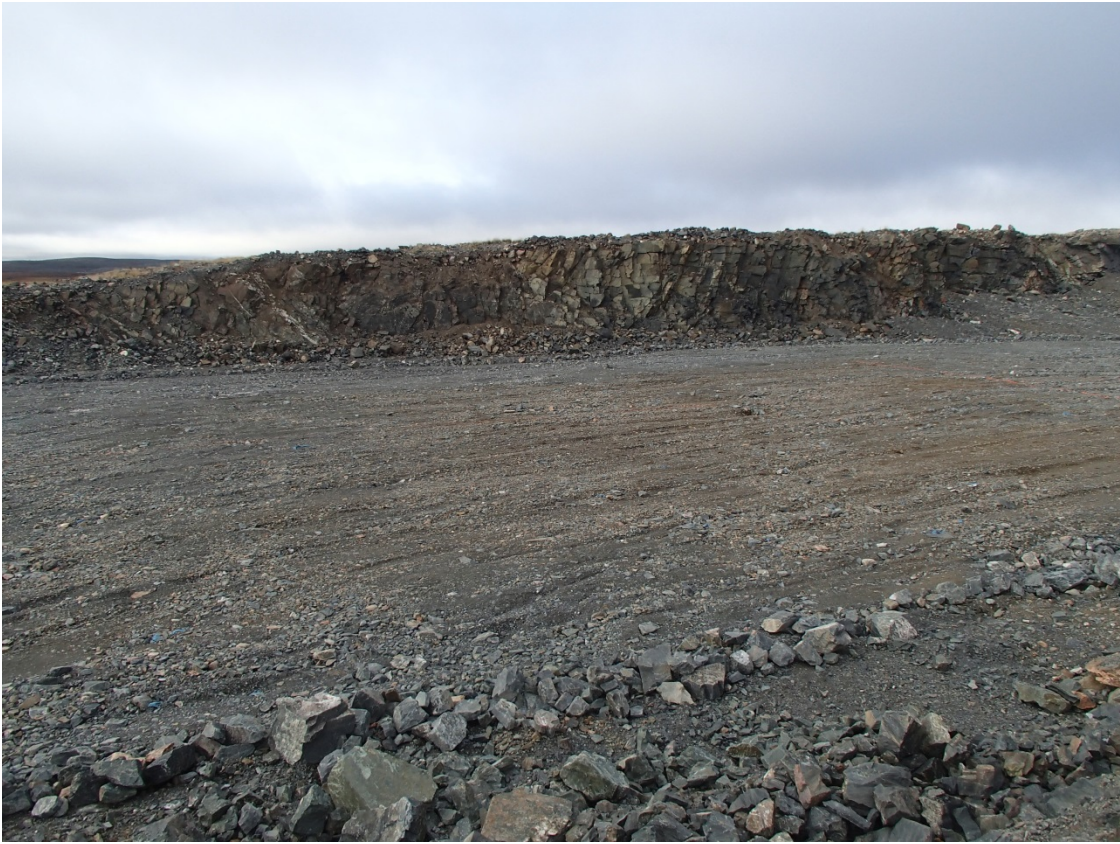
Agnico will ensure that runoff (if any) will stay within the site of the quarry during freshet and thus not impact any watercourses and/or the environment. This item is part of our weekly AWAR inspection. To date there have not been any impacts to water outside of this quarry.

Agnico will then assess any future actions based on the next soil sampling campaign.

**Appendix A**  
**Photos after scarification**

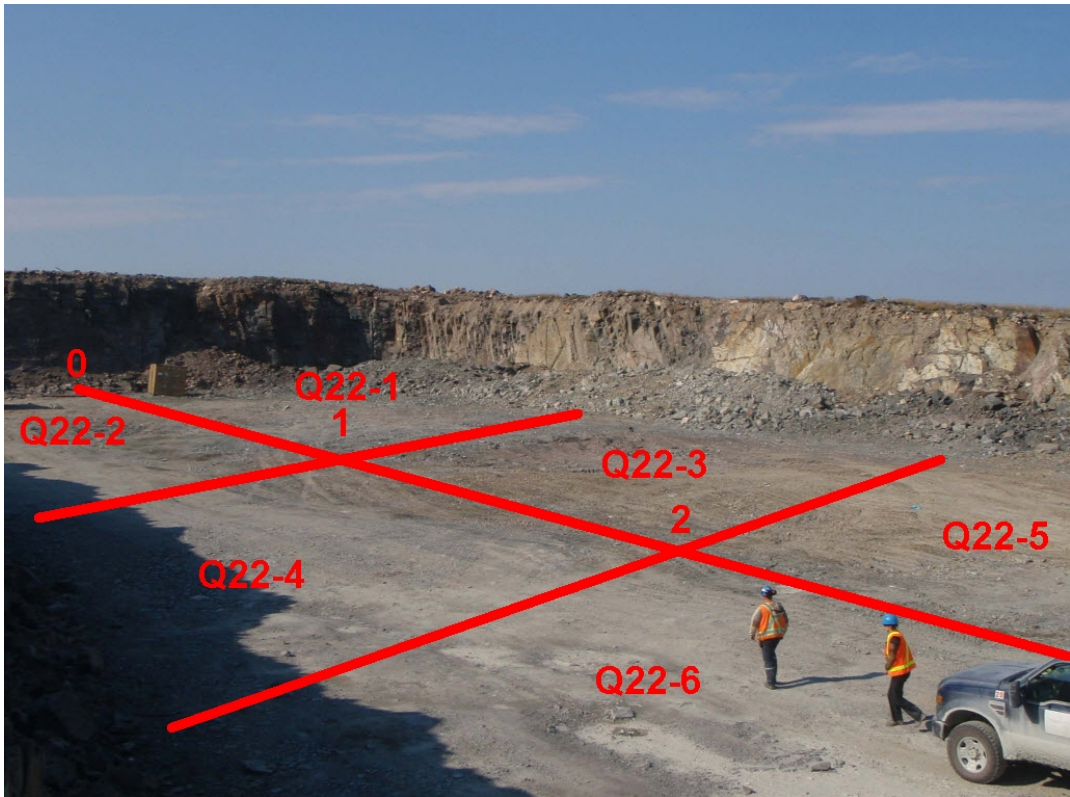








**Appendix B**  
**Area Delimitation Quarry 22**



## **Appendix C**

### **Analytical certificates**

# 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-58077

Sampling location: Q22

Sampling date: September 05, 2016

Sample name: Q22-1

Sampling hour: 13:00

Sampled by: Randy S

Date received: September 08, 2016

Matrix: Sediment

Drinking water distribution:

Reported on: September 16, 2016

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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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-58077

Sample name: Q22-1

Sampling location: Q22

Sampling date: September 05, 2016

Sampling hour: 13:00

Parameter	Result	Method name	Analysis date
Hydrocarbures (Fraction F1 (C6-C10))	<0.06 mg/Kg	M-COV-1.0	September 08, 2016
Hydrocarbures (Fraction F2 - F4))		Sous-traitance\Maxxam Analytics Inc	
- Petroleum Hydrocarbons F4 (C34-C50)	1400 mg/Kg	Sous-traitance\Maxxam Analytics Inc	September 15, 2016
- Petroleum Hydrocarbons F3 (C16-C34)	7000 mg/Kg	Sous-traitance\Maxxam Analytics Inc	September 15, 2016
- Petroleum Hydrocarbons F2 (C10-C16)	99 mg/Kg	Sous-traitance\Maxxam Analytics Inc	September 15, 2016
% of humidity	10.6 %	M-HUM-1.0	September 09, 2016

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

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## Additional information

**Lab number:** V-58077  
**Sample name:** Q22-1  
**Sampling location:** Q22

**Sampling date:** September 05, 2016  
**Sampling hour:** 13:00

Lab method	Method reference
M-COV-1.0	MA.400-COV 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-58078

Sampling location: Q22

Sampling date: September 05, 2016

Sample name: Q22-2

Sampling hour: 14:00

Sampled by: Randy S

Date received: September 08, 2016

Matrix: Sediment

Drinking water distribution:

Reported on: September 16, 2016

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-58078

Sample name: Q22-2

Sampling location: Q22

Sampling date: September 05, 2016

Sampling hour: 14:00

Parameter	Result	Method name	Analysis date
Hydrocarbures (Fraction F1 (C6-C10))	<0.06 mg/Kg	M-COV-1.0	September 08, 2016
Hydrocarbures (Fraction F2 - F4))		Sous-traitance\Maxxam Analytics Inc	
- Petroleum Hydrocarbons F4 (C34-C50)	1600 mg/Kg	Sous-traitance\Maxxam Analytics Inc	September 15, 2016
- Petroleum Hydrocarbons F3 (C16-C34)	8100 mg/Kg	Sous-traitance\Maxxam Analytics Inc	September 15, 2016
- Petroleum Hydrocarbons F2 (C10-C16)	110 mg/Kg	Sous-traitance\Maxxam Analytics Inc	September 15, 2016
% of humidity	11.4 %	M-HUM-1.0	September 09, 2016

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

**Lab number:** V-58078  
**Sample name:** Q22-2  
**Sampling location:** Q22

**Sampling date:** September 05, 2016  
**Sampling hour:** 14:00

Lab method	Method reference
M-COV-1.0	MA.400-COV 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-58079

Sampling location: Q22

Sampling date: September 05, 2016

Sample name: Q22-3

Sampling hour: 15:00

Sampled by: Randy S

Date received: September 08, 2016

Matrix: Sediment

Drinking water distribution:

Reported on: September 16, 2016

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-58079

Sample name: Q22-3

Sampling location: Q22

Sampling date: September 05, 2016

Sampling hour: 15:00

Parameter	Result	Method name	Analysis date
Hydrocarbures (Fraction F1 (C6-C10))	<0.06 mg/Kg	M-COV-1.0	September 08, 2016
Hydrocarbures (Fraction F2 - F4))		Sous-traitance\Maxxam Analytics Inc	
- Petroleum Hydrocarbons F4 (C34-C50)	770 mg/Kg	Sous-traitance\Maxxam Analytics Inc	September 15, 2016
- Petroleum Hydrocarbons F3 (C16-C34)	3400 mg/Kg	Sous-traitance\Maxxam Analytics Inc	September 15, 2016
- Petroleum Hydrocarbons F2 (C10-C16)	58 mg/Kg	Sous-traitance\Maxxam Analytics Inc	September 15, 2016
% of humidity	9.79 %	M-HUM-1.0	September 09, 2016

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

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## Additional information

**Lab number:** V-58079  
**Sample name:** Q22-3  
**Sampling location:** Q22

**Sampling date:** September 05, 2016  
**Sampling hour:** 15:00

Lab method	Method reference
M-COV-1.0	MA.400-COV 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-58080

Sampling location: Q22

Sampling date: September 05, 2016

Sample name: Q22-4

Sampling hour: 16:00

Sampled by: Randy S

Date received: September 08, 2016

Matrix: Sediment

Drinking water distribution:

Reported on: September 16, 2016

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-58080

Sample name: Q22-4

Sampling location: Q22

Sampling date: September 05, 2016

Sampling hour: 16:00

Parameter	Result	Method name	Analysis date
Hydrocarbures (Fraction F1 (C6-C10))	<0.06 mg/Kg	M-COV-1.0	September 08, 2016
Hydrocarbures (Fraction F2 - F4))		Sous-traitance\Maxxam Analytics Inc	
- Petroleum Hydrocarbons F4 (C34-C50)	490 mg/Kg	Sous-traitance\Maxxam Analytics Inc	September 15, 2016
- Petroleum Hydrocarbons F3 (C16-C34)	2100 mg/Kg	Sous-traitance\Maxxam Analytics Inc	September 15, 2016
- Petroleum Hydrocarbons F2 (C10-C16)	37 mg/Kg	Sous-traitance\Maxxam Analytics Inc	September 15, 2016
% of humidity	8.37 %	M-HUM-1.0	September 09, 2016

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

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## Additional information

**Lab number:** V-58080  
**Sample name:** Q22-4  
**Sampling location:** Q22

**Sampling date:** September 05, 2016  
**Sampling hour:** 16:00

Lab method	Method reference
M-COV-1.0	MA.400-COV 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-58081

Sampling location: Q22

Sampling date: September 05, 2016

Sample name: Q22-5

Sampling hour: 17:00

Sampled by: Randy S

Date received: September 08, 2016

Matrix: Sediment

Drinking water distribution:

Reported on: September 16, 2016

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-58081

Sample name: Q22-5

Sampling location: Q22

Sampling date: September 05, 2016

Sampling hour: 17:00

Parameter	Result	Method name	Analysis date
Hydrocarbures (Fraction F1 (C6-	<0.06 mg/Kg	M-COV-1.0	September 08, 2016
Hydrocarbures (Fraction F2 - F4))		Sous-traitance\Maxxam Analytics Inc	
- Petroleum Hydrocarbons F4 (C34-C50)	100 mg/Kg	Sous-traitance\Maxxam Analytics Inc	September 15, 2016
- Petroleum Hydrocarbons F3 (C16-C34)	260 mg/Kg	Sous-traitance\Maxxam Analytics Inc	September 15, 2016
- Petroleum Hydrocarbons F2 (C10-C16)	<10 mg/Kg	Sous-traitance\Maxxam Analytics Inc	September 15, 2016
% of humidity	6.4 %	M-HUM-1.0	September 09, 2016

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

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## Additional information

**Lab number:** V-58081  
**Sample name:** Q22-5  
**Sampling location:** Q22

**Sampling date:** September 05, 2016  
**Sampling hour:** 17:00

Lab method	Method reference
M-COV-1.0	MA.400-COV 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-58082

Sampling location: Q22

Sampling date: September 05, 2016

Sample name: Q22-6

Sampling hour: 18:00

Sampled by: Randy S

Date received: September 08, 2016

Matrix: Sediment

Drinking water distribution:

Reported on: September 16, 2016

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-58082

Sample name: Q22-6

Sampling location: Q22

Sampling date: September 05, 2016

Sampling hour: 18:00

Parameter	Result	Method name	Analysis date
Hydrocarbures (Fraction F1 (C6-C10))	<0.06 mg/Kg	M-COV-1.0	September 08, 2016
Hydrocarbures (Fraction F2 - F4))		Sous-traitance\Maxxam Analytics Inc	
- Petroleum Hydrocarbons F4 (C34-C50)	180 mg/Kg	Sous-traitance\Maxxam Analytics Inc	September 15, 2016
- Petroleum Hydrocarbons F3 (C16-C34)	470 mg/Kg	Sous-traitance\Maxxam Analytics Inc	September 15, 2016
- Petroleum Hydrocarbons F2 (C10-C16)	<10 mg/Kg	Sous-traitance\Maxxam Analytics Inc	September 15, 2016
% of humidity	7.35 %	M-HUM-1.0	September 09, 2016

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

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## Additional information

**Lab number:** V-58082  
**Sample name:** Q22-6  
**Sampling location:** Q22

**Sampling date:** September 05, 2016  
**Sampling hour:** 18:00

Lab method	Method reference
M-COV-1.0	MA.400-COV 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-58083

Sampling location: Q22

Sampling date: September 06, 2016

Sample name: Q22-7

Sampling hour: 10:00

Sampled by: Randy S

Date received: September 08, 2016

Matrix: Sediment

Drinking water distribution:

Reported on: September 16, 2016

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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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-58083

Sample name: Q22-7

Sampling location: Q22

Sampling date: September 06, 2016

Sampling hour: 10:00

Parameter	Result	Method name	Analysis date
Hydrocarbures (Fraction F1 (C6-C10))	<0.06 mg/Kg	M-COV-1.0	September 08, 2016
Hydrocarbures (Fraction F2 - F4))		Sous-traitance\Maxxam Analytics Inc	
- Petroleum Hydrocarbons F4 (C34-C50)	180 mg/Kg	Sous-traitance\Maxxam Analytics Inc	September 15, 2016
- Petroleum Hydrocarbons F3 (C16-C34)	450 mg/Kg	Sous-traitance\Maxxam Analytics Inc	September 15, 2016
- Petroleum Hydrocarbons F2 (C10-C16)	13 mg/Kg	Sous-traitance\Maxxam Analytics Inc	September 15, 2016
% of humidity	10.3 %	M-HUM-1.0	September 09, 2016

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## Additional information

**Lab number:** V-58083  
**Sample name:** Q22-7  
**Sampling location:** Q22

**Sampling date:** September 06, 2016  
**Sampling hour:** 10:00

Lab method	Method reference
M-COV-1.0	MA.400-COV 1.1

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# Analytical Report

Company: **Agnico Eagle Division Meadowbank**

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

**Lab number:** V-58084

Sampling location: Q22

Sampling date: September 06, 2016

Sample name: Q22-8

Sampling hour: 11:00

Sampled by: Randy S

Date received: September 08, 2016

Matrix: Sediment

Drinking water distribution:

Reported on: September 16, 2016

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-58084

Sample name: Q22-8

Sampling location: Q22

Sampling date: September 06, 2016

Sampling hour: 11:00

Parameter	Result	Method name	Analysis date
Hydrocarbures (Fraction F1 (C6-C10))	0.2 mg/Kg	M-COV-1.0	September 08, 2016
Hydrocarbures (Fraction F2 - F4))		Sous-traitance\Maxxam Analytics Inc	
- Petroleum Hydrocarbons F4 (C34-C50)	160 mg/Kg	Sous-traitance\Maxxam Analytics Inc	September 15, 2016
- Petroleum Hydrocarbons F3 (C16-C34)	400 mg/Kg	Sous-traitance\Maxxam Analytics Inc	September 15, 2016
- Petroleum Hydrocarbons F2 (C10-C16)	<10 mg/Kg	Sous-traitance\Maxxam Analytics Inc	September 15, 2016
% of humidity	9.99 %	M-HUM-1.0	September 09, 2016

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## Additional information

**Lab number:** V-58084  
**Sample name:** Q22-8  
**Sampling location:** Q22

**Sampling date:** September 06, 2016  
**Sampling hour:** 11:00

Lab method	Method reference
M-COV-1.0	MA.400-COV 1.1

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