Appendix F3

2016 Landfarm Report

AGNICO EAGLE

MEADOWBANK GOLD PROJECT

2016 Landfarm Report

In Accordance with NIRB Project Certificate No.004
&
NWB License 2AM-MEA1525

Prepared by:
Agnico Eagle Mines Limited – Meadowbank Division

March, 2017

EXECUTIVE SUMMARY

As per the Landfarm Design and Management Plan (March, 2017), this report has been prepared to provide the following information regarding landfarm activities in 2016:

- volume of material added to and removed from the facility
- disposal or reuse location
- results from laboratory analyses of soil and contact water
- volume and type of nutrient additions
- visual inspection results
- volume of contact water pumped

The existing landfarm is located on the north-west side of the South Tailings Cell (Tailing Storage Facility – TSF). The South Tailings Cell is currently active; tailings are deposited and water is reclaimed from the cell. The tailings and water level in the South Tailings Cell are increasing in elevation over time. With the current tailings deposition plan and water balance models, the existing landfarm location (Landfarm 1) is predicted to be flooded with reclaim water in summer 2017. For this reason, Agnico decided to find an alternate location for a new landfarm (Landfarm 2), in order to continue the treatment of contaminated soil. Landfarm 2 was constructed in 2016, but no contaminated soil will be added until 2017. Due to operational work at the buttress of Stormwater Dike an extension of the Landfarm 1 was also constructed in 2016 to a higher elevation in order to continue treatment of soil in the Landfarm 1.

It is estimated that approximately 710 m^3 of soil were added to Landfarm 1 from October 2015 – July, 2016. Approximately 125 m^3 of coarse material was removed from the landfarm through screening. Screened coarse material was placed alongside the TSF for eventual use in capping, as no hydrocarbon stains or odours were present. Based on the results of sampling in 2016, no fine soil was remediated and removed from the landfarm.

Visual inspections indicated that the landfarm berm and pad appear to be structurally intact, and no maintenance requirements were identified.

Some ponded water was observed within the landfarm, and was sampled but an insufficient volume accumulated to warrant pumping to the TSF. No seepage was identified.

TABLE OF CONTENTS

APPENDICES

LIST OF TABLES

SECTION 1 • INTRODUCTION

1.1 BACKGROUND

Onsite storage and remediation has been established as the preferred method for treatment of petroleum hydrocarbon-contaminated soil that may be generated at Meadowbank facilities. Specifically, remediation through land farming has been identified as the primary treatment option. The Landfarm Design and Management Plan was updated in February, 2013 to describe the operational procedures used onsite in relation to this management strategy. In addition to regular remediation methods, the 2013 Plan describes the implementation of a pilot project to enhance rates of bioremediation through addition of a nutrient source. This plan was again updated in March 2017 following construction of the new landfarm location (Landfarm 2) in 2016.

1.2 OBJECTIVES

Per the Landfarm Design and Management Plan (March 2017) this report summarizes the following aspects of the Meadowbank landfarm operation in 2016:

- volume of material added to the facility;
- amount of material removed;
- disposal or reuse location;
- all analysis results;
- volume and type of nutrient addition;
- visual inspection results; and
- volume of contact water pumped.

SECTION 2 • PILOT STUDY (2012-2013)

A number of studies have indicated that amendment with nutrients may increase rates of biodegradation in PHC contaminated soils, but the effectiveness of this practice is not well defined in northern climates. In order to determine effectiveness of nutrient additions at Meadowbank, a pilot project was conducted to examine rates of biodegradation with and without nutrient amendment. For this study, the nutrient addition was treated sewage treatment plant (STP) sludge.

The main objectives of this study were to determine if rates of PHC degradation in soil at the Meadowbank site are sufficiently rapid to achieve remediation within acceptable time frames (at least prior to closure), and whether additions of sewage sludge significantly impacts degradation rates.

In 2012, three pilot piles in the landfarm facility were treated with 400 gallons of sewage sludge as a nutrient source. Sewage sludge was mixed into the pilot piles on October 8th 2012. Each pile consisted of approximately 140 m^3 of soil. Samples of the nutrient-treated piles were taken in July 2013 (CSP-STP-1, 2, 3) in attempts to determine if this method of nutrient amendment significantly affects rates of PHC degradation.

Representative composite samples of two non-treated piles (CSP-WDP-1, 2) were taken from two locations (0.5 m depth) in October 2012 and again in July 2013 to assess degradation of TPH over this time period without sewage sludge amendment. Samples were sent to an accredited analytical laboratory and analyzed for humidity, BTEX and F1-F4 hydrocarbons.

Overall, rates of PHC degradation were found to be sufficiently rapid to warrant continued use of the landfarm as a viable treatment for spills of the designated materials. Nutrient treatment appeared to generally increase degradation rates, particularly for the F3 fraction. Use of the landfarm with application of sewage sludge as a nutrient treatment has therefore been continued and has become a regular practice at the landfarm.

SECTION 3 • LANDFARM ACTIVITIES

3.1 LANDFARM 1 EXTENSION

The original landfarm design was submitted by Agnico to the Nunavut Water Board in October 2012 and has been in use for soil decontamination since then. As presented in Figure 1 below, the original landfarm (Landfarm 1) is located on the north-west side of the South Tailings Cell impoundment (Tailing Storage Facility – TSF). The South Tailings Cell is currently active; tailings are deposited and water is reclaimed from the cell. The tailings and water level in the South Tailings Cell are increasing in elevation over time. With the current tailings deposition plan and water balance models, this original landfarm area is predicted to be flooded with reclaim water in summer 2017. For this reason, Agnico decided to find an alternate location for a new landfarm (Landfarm 2, see Section 3.2 below), in order to continue the treatment of contaminated soil beyond Q2 2017.

In addition, due to operational work required in September 2016 at the buttress of Stormwater Dike, a part of the east section of Landfarm 1 could not be used beyond that date. To ensure sufficient capacity of the landfarm to store contaminated soil and to continue the decontamination process until the new landfarm was constructed, Landfarm 1 was extended on the west side, to a higher elevation. This extension could also provide more capacity in the summer 2017, as the eastern part of Landfarm 1 will be flooded first with reclaim water, as per the tailing deposition and water balance forecast model.

The Landfarm 1 as-built extension is presented in the updated Landfarm Design and Management Plan (March, 2017). The extension of Landfarm 1 was completed in September 2016 according to the same design criteria as the rest of the landfarm. The landfarm pad includes a layer of compacted till material with a thickness of approximately 2.8 m, with a hydraulic conductivity estimated of $1x10^{-7}$ m/s. The slope of the till pad is 1.0% dipping towards the South Tailings Cell. Berms of 1.2 m are constructed around the extension. With the extension, the total area of Landfarm 1 is 5,247 m^2. Previously, the landfarm area was 3,712 m^2.

Contaminated soil may still be treated in Landfarm 1 in 2017. However, Agnico intends to use mainly Landfarm 2, as the remaining operating lifetime of Landfarm 1 is limited due to the level of the reclaim water in the South Cell. In 2017, Agnico may have to move some soil still in remediation from Landfarm 1 to Landfarm 2 if required, based on remediation objectives. Ultimately the Landfarm 1 pad will be flooded with reclaim water.

Landfarm 1 will continue to be operated as per the Landfarm Design and Management Plan (LDMP) (Agnico, 2017) and as per the Water License, Part F, Item 18. The water sampling station ST-14 will remain in use until the Landfarm 1 operations cease. The LDMP has been updated to include the extension of the Landfarm 1 and the new Landfarm 2 and submitted in the 2016 Annual Report

3.2 LANDFARM 2 CONSTRUCTION

As mentioned above, because of the Landfarm 1 location in the South Tailings Cell, it was necessary to determine an alternate location for a long term solution. The Landfarm 2 facility was constructed in October 2016 in order to provide sufficient area for the ongoing treatment of contaminated soil.

As presented on Figure 1, Landfarm 2 is located on the north east side of the South Tailing Cell, north of the Central Dike. This location was chosen to minimize the waste footprint on site and the transport distance of contaminated material from spill locations. All of the waste generated at Meadowbank in the form of tailings, waste rock and site landfill is in close proximity. This location will facilitate the landfarm operation at closure. Landfarm 2 is still located within the South Tailings Cell impoundment, providing containment in case of runoff water from the contaminated material.

Landfarm 2 is adjacent to the current South Tailings Cell and is located 900 m west of the nearest water body, Dogleg Lake. Surface drainage in the area of the Landfarm 2 is westerly, towards the South Tailings Cell and away from surface watercourses.

Specifications of the Landfarm 2 design is presented in the updated Landfarm Design and Management Plan (March, 2017) As for the original landfarm, the Landfarm 2 facility is designed with one soil remediation/storage cell. The landfarm cell is constructed with a 2.5 m high berm and a 0.5 m thick layer of compacted till base with hydraulic conductivity estimated of $1x10^{-7}$ m/s. The slope of the base is 3% towards the East side, leading to a slope of 7% towards the South Tailings Cell. The pad underneath the till layer varies between 6 m and 22.5 m thick, based on elevation of the tundra underneath, which ranges from 151 masl to 134 masl. In the Meadowbank area, the shallow groundwater is estimated to be 1.5 m below surface (active layer of permafrost July to September), at the average depth of thaw. Therefore, no impacts to groundwater are anticipated.

As per the Water License 2AM-MEA1525 Part F, Item 18; "Water accumulating in the landfarm shall be contained within the landfarm and not be discharged to the environment". The water will be managed and contained within the landfarm, and discharge to the TSF if required. The monitoring station ST-14B will be created and sampled as per requirement of the Water License.

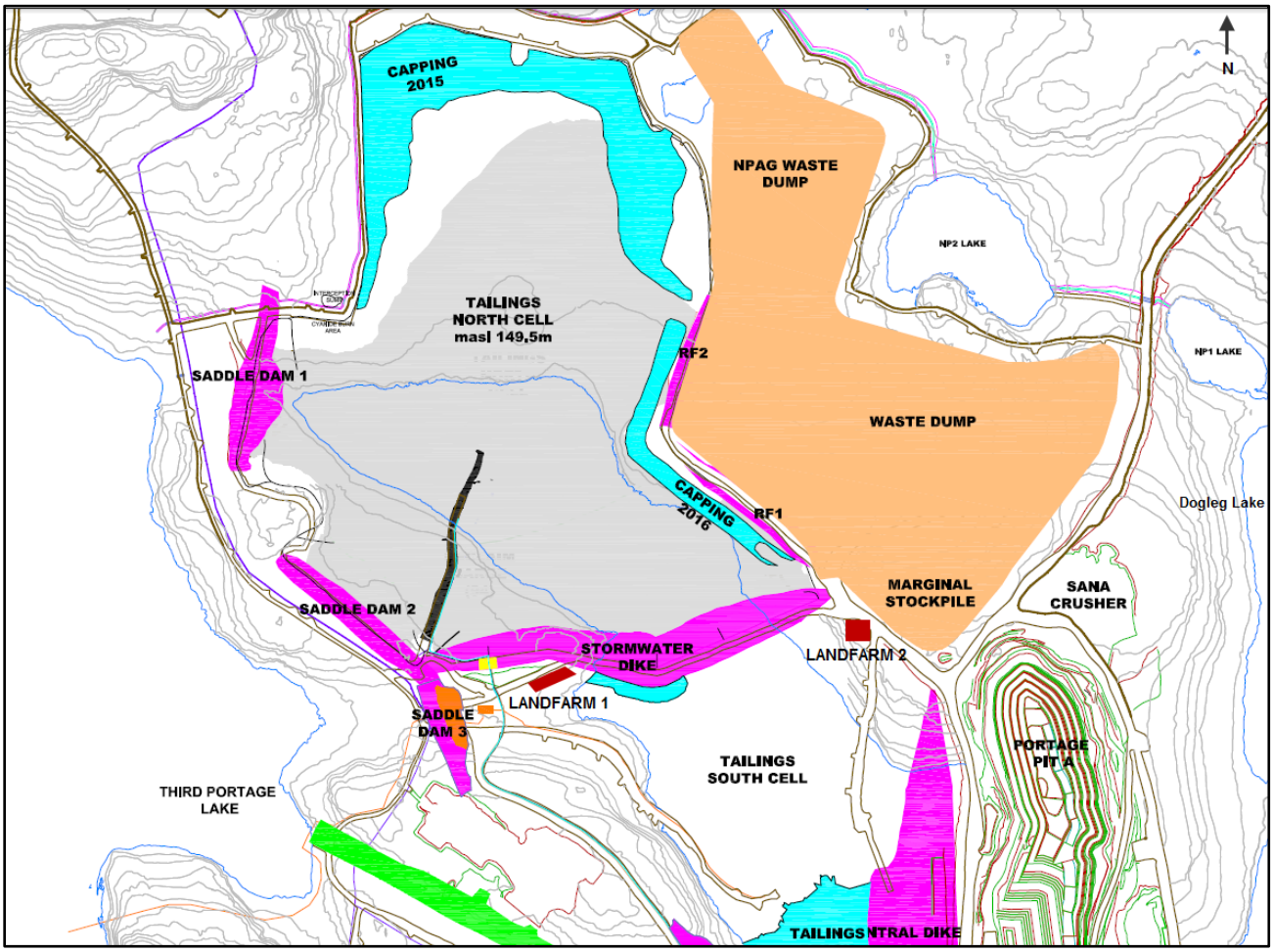

Figure 1 – Landfarm 1 and Landfarm 2 General Location

3.3 SOIL ADDITION AND REMOVAL

Operation restrictions prevented a thorough tracking of material addition and of screening and removal activities. As previously discussed, modifications had to be completed in the existing area (Landfarm 1) and a new landfarm location (Landfarm 2) had to be built. Material had to be moved between locations and used to create an access for stability work at the Stormwater Dike.

It is estimated, by assessing previous survey data, that approximately 710 m^3 were added to Landfarm 1 from October 2015 – July, 2016.

In 2015, from January to August a total of 204 m^3 was added to Landfarm 1. The increase from 204 m^3 (2015) to 710 m^3 (2016) represents a significant increase of contaminated material. Nonetheless, this is consistent with the increase of reported spills (2016 Annual report) within that time period.

All sources of contaminants (petroleum hydrocarbons – diesel, motor oils, etc.) were known so no samples were required to be taken of this contaminated soil. A summary of spills occurring in 2016 including those sent to the landfarm are provided in Table 7.2 of the 2016 Annual Report.

3.3.1 Very Coarse Material (>1") Screening

As described in the Landfarm Operations and Management Plan, the use of an Extec screener to separate coarse and fine material was tested in September, 2013, and use was continued in 2014, 2015 and 2016. Contaminated material was sorted by this method in September, 2016 and an estimated 125 m^3 of coarse material was removed from the landfarm during this time. Screened coarse material was placed alongside the TSF for eventual use in capping, as no hydrocarbon stains or odours were present.

Agnico plans to use the same general method again in 2017 to remove non-contaminated very coarse material (primarily rocks excavated during spill clean-up).

3.3.2 Remediated Fine Soil Removal

In September 2016, sampling of finer material was conducted according to the Landfarm Design and Management Plan (March, 2017). Composite samples consisting of sub-samples from multiple locations per pile (depth of 50 cm) were collected in clean plastic bags, mixed, and placed in laboratory-supplied jars.

In order for landfarmed soil to be considered remediated and removed for use onsite (e.g. road works), samples must meet GN criteria for agricultural/wildlands. Soil meeting industrial criteria may be removed to the waste rock storage facility where it will eventually be capped with up to 2 m of fill, or used as base cover in the TSF where it will eventually be capped with up to 4 m of fill. Results of sampling in 2016 along with GN criteria are presented in Table 3-1. Laboratory certificates are provided in Appendix B.

Table 3-1. Government of Nunavut soil quality criteria for agricultural/wildlands and industrial areas, and results of landfarm soil analyses on September 14th, 2016.

Parameter	Benzene	Toluene	Ethylbenzene	Xylene	F1	F2	F3	F4
Agricultural/ Wildland (mg/kg)>	**0.03**	**0.37**	**0.082**	**11**	**30**	**150**	**300**	**2800**
Industrial (mg/kg) >	**0.03**	**0.37**	**0.082**	**11**	**320**	**260**	**1700**	**3300**
CSP-1a	<0.03	<0.06	<0.06	<0.06	<0.3	350	3000	530
CSP-1b	<0.03	<0.06	<0.06	<0.06	<0.3	240	2400	490
CSP-1c	<0.03	<0.06	<0.06	<0.06	<0.3	840	5400	930
CSP-2a	<0.03	<0.06	<0.06	<0.06	<0.3	470	3000	560
CSP-2b	<0.03	<0.06	<0.06	<0.06	<0.3	560	5800	1200
CSP-2c	<0.03	<0.06	<0.06	<0.06	<0.3	240	2200	400

Shaded cell represented exceedance to regulatory guideline

Based on these results, no material was remediated and removed from the landfarm in 2016.

3.4 NUTRIENT ADDITIONS AND SOIL AERATION

Sewage sludge was added to all piles as a nutrient amendment on June 24th, 2016 (13.6 m^3), and 4 time in August (54.4 m^3) for a total of 68 m^3. The sludge was spread across all piles.

Landfarm piles were aerated in August 2016 by mixing the top half of each windrow with a front-end loader or excavator, and again with the modification work done at both landfarms.

3.5 REMAINING LANDFARM CAPACITY

In September 2016, Landfarm 1 held a total of 1258 m^3 of contaminated soil, based on survey results. Currently production will continue through 2018 for an expected additional required landfarm capacity of 692 m^3 (2 years x 346 m^3/year; average yearly amount of contaminated soil, from LDMP (March 2017). With an additional 30% for contingency, and conservatively assuming that no soil will be remediated in Landfarm 1 in 2017 and before closure, the total estimated required landfarm capacity is 2,535 m^3.

For Landfarm 2, the useful area is 3,815 m^2, which is similar to the useful area of the Landfarm 1 before the 2016 extension (3,712 m^2). As for Landfarm 1, it is considered that contaminated material can be stockpiled up to 4 m high. Accounting for a 25% loss of area due to sloping at that windrow height, the landfarm area will allow for the storage of a maximum of 11,445 m^3. This will readily accommodate the estimated total of 2,535 m^3 of contaminated soil, should all of it needs to be stored until closure. In addition, ample room will be available to accommodate a designated area for spreading of contaminated coarse-grained material that cannot be bioremediated. Based on the available area, maximum windrow size will be 15 m wide at base x 4 m high x 50 m long, but smaller piles will be used to maximize rates of biodegradation and volatilization.

3.6 WATER MANAGEMENT

Some ponded water was identified at the landfarm in 2016 and a sample was collected on June 6th, 2016 with a duplicate. The samples were analyzed for BTEX, lead, oil and grease, as described in Part F, Item 6 of the Water License. However, there was an insufficient quantity of ponded water accumulated to warrant discharge to the adjacent Tailings Storage Facility. Results are provided in Table 3-2 for comparison only.

No seepage of water outside of the landfarm was identified.

Table 3-2. Measured concentrations of analytes in water ponded within the landfarm, and maximum allowable concentrations for discharge to land (Part F, Item 6 of the Water License).

Parameter	Max. Concentration (grab) for discharge to land	Sample	Duplicate
pH	6.0 – 9.0	7.9	-
Conductivity (uS/cm)		125.1	-
Tubidity (NTU)	15	70.8	-
Temperature (°C)	-	7.9	-
Benzene (µg/L)	370	<0.3	<0.3
Toluene (µg/L)	2	<0.3	<0.3
Ethylbenzene (µg/L)	90	0.4	0.4
Total Xylene (µg/L)	-	2.7	2.7
Lead (mg/L)	0.001	0.0044	0.0044
Total Oil and Grease (mg/L)	5	<1	2

Shaded cell represented exceedance to regulatory guideline

3.7 REQUIRED MAINTENANCE

Visual inspections indicated that the landfarm berm and pad appear to be structurally intact; therefore no maintenance requirements were identified.

SECTION 4 • ACTIONS

The following actions were identified in the previous reports, and Agnico's responses in 2016 are indicated below each item:

- Review Landfarm Design and Management Plan (2013) and update operational procedures as required.
    - Completed, provided in 2016 annual report

The following actions are identified for 2017:

- Steps will be taken to better monitor additions of sewage sludge. Landfarm disposal was added to the log sheet of the truck, and appropriate personnel will be reminded to make use of this logging system prior to the summer months.

- Conduct quarterly topographical landfarm surveys (done by Engineering Department) to better evaluate movement of contaminated material.

Appendix A

2016 Sampling Locations

Appendix-Figure 1: 2016 landfarm sampling locations.

Appendix B

2016 Laboratory 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-54351

Sampling location: ST-14
Sampling date: June 06, 2016

Sample name: ST-14
Sampling hour: 17:00

Sampled by: TT/MA
Date received: June 09, 2016

Matrix: Water

Drinking water distribution:

Reported on: June 22, 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.

900, 5ième avenue
Val d'Or (Québec)
J9P 1B9
Téléphone : (819) 874-0350
Fax / Téléc: (819) 874-0360
E-mail: valdor@multilab-direct.com
Site web: www.multilab-direct.com

Multilab Val-d'Or

Analytical Report

Lab number: V-54351

Sample name: ST-14 | Sampling date: June 06, 2016

Sampling location: ST-14 | Sampling hour: 17:00

Parameter	Result	Method name	Analysis date
Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	June 17, 2016
BTEX (L)		M-COV-1.0	
- Benzene	<0.3 µg/L	M-COV-1.0	June 09, 2016
- Toluene	<0.3 µg/L	M-COV-1.0	June 09, 2016
- Ethylbenzene	0.4 µg/L	M-COV-1.0	June 09, 2016
- o-xylene	1.2 µg/L	M-COV-1.0	June 09, 2016
- (m,p)-xylene	1.4 µg/L	M-COV-1.0	June 09, 2016
- Total Xylene	2.7 µg/L	M-COV-1.0	June 09, 2016
Copper (Cu)	0.013 mg/L	Sous-traitance\Multilab Direct	June 17, 2016
Total oil and grease	<1 mg/L	M-HYD-1.0	June 14, 2016
Total Suspended Solids	22 mg/L	M-SOLI-1.0	June 10, 2016
Nickel (Ni)	0.0119 mg/L	Sous-traitance\Multilab Direct	June 17, 2016
Lead (Pb)	0.0044 mg/L	Sous-traitance\Multilab Direct	June 20, 2016
Zinc (Zn)	0.16 mg/L	Sous-traitance\Multilab Direct	June 17, 2016

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

900, 5ième avenue
Val d'Or (Québec)
J9P 1B9
Téléphone : (819) 874-0350
Fax / Téléc: (819) 874-0360
E-mail: valdor@multilab-direct.com
Site web: www.multilab-direct.com

F-02-06
Version 3ième: 26/10/2005

Multilab Val-d'Or

Detection limit

Lab number: V-54351

Sample name: ST-14
Sampling location: ST-14
Sampling date: June 06, 2016
Sampling hour: 17:00

Parameter	Value	Unit	Method	Accreditation
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
BTEX (L)			M-COV-1.0	Yes
- Benzene	0.3	µg/L	M-COV-1.0	
- Toluene	0.3	µg/L	M-COV-1.0	
- Ethylbenzene	0.3	µg/L	M-COV-1.0	
- o-xylene	0.3	µg/L	M-COV-1.0	
- (m,p)-xylene	0.3	µg/L	M-COV-1.0	
- Total Xylene	0.3	µg/L	M-COV-1.0	
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Total oil and grease	1	mg/L	M-HYD-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
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes

900, 5ième avenue
Val d'Or (Québec)
J9P 1B9
Téléphone : (819) 874-0350
Fax / Téléc: (819) 874-0360
E-mail: valdor@multilab-direct.com
Site web: www.multilab-direct.com

F-02-06
Version 3ième: 26/10/2005

Multilab Val-d'Or

Quality control Report

Lab number: V-54351

Sample name: ST-14 | Sampling date: June 06, 2016

Sampling location: ST-14 | Sampling hour: 17:00

Parameter		
- (m,p)-xylene µg/L	Blank	<0.3
- Total Xylene µg/L	Blank	<0.3
	Standard name	MR-COV-eau
	Result	30
	Accuracy	100%
	Limit	23 - 37
- o-xylene µg/L	Blank	<0.3
- Toluene µg/L	Blank	<0.3
	Standard name	MR-COV-eau
	Result	9
	Accuracy	90%
	Limit	8 - 12
- Benzene µg/L	Blank	<0.3
	Standard name	MR-COV-eau
	Result	10
	Accuracy	100%
	Limit	8 - 12
- Ethylbenzene µg/L	Blank	<0.3
	Standard name	MR-COV-eau
	Result	9
	Accuracy	90%
	Limit	8 - 12
Arsenic (As) mg/L	Blank	<0.0005
	Standard name	DMR-0234-2016-Eu
	Result	0.2639
	Accuracy	93.3%
	Limit	0.198 - 0.368
Copper (Cu) mg/L	Blank	<0.0005
	Standard name	DMR-0234-2016-Eu
	Result	1.371
	Accuracy	95.3%
	Limit	1.05 - 1.57
Total oil and grease mg/L	Blank	<1
	Standard name	std-H&GTa100mg/l
	Result	92
	Accuracy	92%
	Limit	78 - 123
Total Suspended Solids mg/L	Blank	<1
	Standard name	STD-MES 25mg/L
	Result	27

900, 5ième avenue
Val d'Or (Québec)
J9P 1B9
Téléphone : (819) 874-0350
Fax / Téléc: (819) 874-0360
E-mail: valdor@multilab-direct.com
Site web: www.multilab-direct.com

F-02-06
Version 3ième: 26/10/2005

Multilab Val-d'Or

Quality control Report

Lab number: V-54351

Sample name: ST-14 | Sampling date: June 06, 2016

Sampling location: ST-14 | Sampling hour: 17:00

Parameter		
Nickel (Ni) mg/L	Accuracy	92%
	Limit	19 - 31
	Blank	<0.0005
	Standard name	DMR-0234-2016-Eu
	Result	1.145
Lead (Pb) mg/L	Accuracy	98.7%
	Limit	0.90 - 1.36
	Blank	<0.0003
	Standard name	DMR-0234-2016-Eu
	Result	0.8676
Zinc (Zn) mg/L	Accuracy	95.4%
	Limit	0.727 - 1.091
	Blank	<0.001
	Standard name	DMR-0234-2016-Eu
	Result	4.75
	Accuracy	99.4%
	Limit	3.82 - 5.74

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

900, 5ième avenue
Val d'Or (Québec)
J9P 1B9
Téléphone : (819) 874-0350
Fax / Téléc: (819) 874-0360
E-mail: valdor@multilab-direct.com
Site web: www.multilab-direct.com

F-02-06
Version 3ième: 26/10/2005

Additional information

Lab number: V-54351
Sample name: ST-14
Sampling location: ST-14
Sampling date: June 06, 2016
Sampling hour: 17:00

Lab method	Method reference
M-MET-3.0	MA.200-Mét. 1.2
M-COV-1.0	MA.400-COV 1.1
M-HYD-1.0	MA.415-HGT 2.0
M-SOLI-1.0	MA.104-S.S. 1.1

900, 5ième avenue
Val d'Or (Québec)
J9P 1B9
Téléphone : (819) 874-0350
Fax / Téléc: (819) 874-0360
E-mail: valdor@multilab-direct.com
Site web: www.multilab-direct.com

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-54352

Sampling location: ST-14
Sampling date: June 06, 2016

Sample name: ST-14 DUP
Sampling hour: 17:00

Sampled by: TT/MA
Date received: June 09, 2016

Matrix: Water

Drinking water distribution:

Reported on: June 22, 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.

900, 5ième avenue
Val d'Or (Québec)
J9P 1B9
Téléphone : (819) 874-0350
Fax / Téléc: (819) 874-0360
E-mail: valdor@multilab-direct.com
Site web: www.multilab-direct.com

Multilab Val-d'Or

Analytical Report

Lab number: V-54352

Sample name: ST-14 DUP
Sampling location: ST-14
Sampling date: June 06, 2016
Sampling hour: 17:00

Parameter	Result	Method name	Analysis date
Arsenic (As)	0.0010 mg/L	Sous-traitance\Multilab Direct	June 17, 2016
BTEX (L)		M-COV-1.0	
- Benzene	<0.3 µg/L	M-COV-1.0	June 09, 2016
- Toluene	<0.3 µg/L	M-COV-1.0	June 09, 2016
- Ethylbenzene	0.4 µg/L	M-COV-1.0	June 09, 2016
- o-xylene	1.2 µg/L	M-COV-1.0	June 09, 2016
- (m,p)-xylene	1.5 µg/L	M-COV-1.0	June 09, 2016
- Total Xylene	2.7 µg/L	M-COV-1.0	June 09, 2016
Copper (Cu)	0.0147 mg/L	Sous-traitance\Multilab Direct	June 17, 2016
Total oil and grease	2 mg/L	M-HYD-1.0	June 14, 2016
Total Suspended Solids	19 mg/L	M-SOLI-1.0	June 10, 2016
Nickel (Ni)	0.0133 mg/L	Sous-traitance\Multilab Direct	June 17, 2016
Lead (Pb)	0.0044 mg/L	Sous-traitance\Multilab Direct	June 20, 2016
Zinc (Zn)	0.168 mg/L	Sous-traitance\Multilab Direct	June 17, 2016

900, 5ième avenue
Val d'Or (Québec)
J9P 1B9
Téléphone : (819) 874-0350
Fax / Téléc: (819) 874-0360
E-mail: valdor@multilab-direct.com
Site web: www.multilab-direct.com

Multilab Val-d'Or

Detection limit

Lab number: V-54352

Sample name: ST-14 DUP
Sampling location: ST-14
Sampling date: June 06, 2016
Sampling hour: 17:00

Parameter	Value	Unit	Method	Accreditation
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
BTEX (L)			M-COV-1.0	Yes
- Benzene	0.3	µg/L	M-COV-1.0	
- Toluene	0.3	µg/L	M-COV-1.0	
- Ethylbenzene	0.3	µg/L	M-COV-1.0	
- o-xylene	0.3	µg/L	M-COV-1.0	
- (m,p)-xylene	0.3	µg/L	M-COV-1.0	
- Total Xylene	0.3	µg/L	M-COV-1.0	
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Total oil and grease	1	mg/L	M-HYD-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
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes

900, 5ième avenue
Val d'Or (Québec)
J9P 1B9
Téléphone : (819) 874-0350
Fax / Téléc: (819) 874-0360
E-mail: valdor@multilab-direct.com
Site web: www.multilab-direct.com

F-02-06
Version 3ième: 26/10/2005

Multilab Val-d'Or

Quality control Report

Lab number: V-54352

Sample name: ST-14 DUP — Sampling date: June 06, 2016

Sampling location: ST-14 — Sampling hour: 17:00

Parameter		
- (m,p)-xylene µg/L	Blank	<0.3
- Total Xylene µg/L	Blank	<0.3
	Standard name	MR-COV-eau
	Result	30
	Accuracy	100%
	Limit	23 - 37
- o-xylene µg/L	Blank	<0.3
- Toluene µg/L	Blank	<0.3
	Standard name	MR-COV-eau
	Result	9
	Accuracy	90%
	Limit	8 - 12
- Benzene µg/L	Blank	<0.3
	Standard name	MR-COV-eau
	Result	10
	Accuracy	100%
	Limit	8 - 12
- Ethylbenzene µg/L	Blank	<0.3
	Standard name	MR-COV-eau
	Result	9
	Accuracy	90%
	Limit	8 - 12
Arsenic (As) mg/L	Blank	<0.0005
	Standard name	DMR-0234-2016-Eu
	Result	0.2639
	Accuracy	93.3%
	Limit	0.198 - 0.368
Copper (Cu) mg/L	Blank	<0.0005
	Standard name	DMR-0234-2016-Eu
	Result	1.371
	Accuracy	95.3%
	Limit	1.05 - 1.57
Total oil and grease mg/L	Blank	<1
	Standard name	std-H&GTa100mg/l
	Result	92
	Accuracy	92%
	Limit	78 - 123
Total Suspended Solids mg/L	Blank	<1
	Standard name	STD-MES 25mg/L
	Result	27

900, 5ième avenue
Val d'Or (Québec)
J9P 1B9
Téléphone : (819) 874-0350
Fax / Téléc: (819) 874-0360
E-mail: valdor@multilab-direct.com
Site web: www.multilab-direct.com

Multilab Val-d'Or

Quality control Report

Lab number: V-54352

Sample name: ST-14 DUP
Sampling location: ST-14
Sampling date: June 06, 2016
Sampling hour: 17:00

Parameter		
Nickel (Ni) mg/L	Accuracy	92%
	Limit	19 - 31
	Blank	<0.0005
	Standard name	DMR-0234-2016-Eu
	Result	1.145
Lead (Pb) mg/L	Accuracy	98.7%
	Limit	0.90 - 1.36
	Blank	<0.0003
	Standard name	DMR-0234-2016-Eu
	Result	0.8676
Zinc (Zn) mg/L	Accuracy	95.4%
	Limit	0.727 - 1.091
	Blank	<0.001
	Standard name	DMR-0234-2016-Eu
	Result	4.75
	Accuracy	99.4%
	Limit	3.82 - 5.74

900, 5ième avenue
Val d'Or (Québec)
J9P 1B9
Téléphone : (819) 874-0350
Fax / Téléc: (819) 874-0360
E-mail: valdor@multilab-direct.com
Site web: www.multilab-direct.com

F-02-06
Version 3ième: 26/10/2005

Additional information

Lab number: V-54352
Sample name: ST-14 DUP
Sampling location: ST-14
Sampling date: June 06, 2016
Sampling hour: 17:00

Lab method	Method reference
M-MET-3.0	MA.200-Mét. 1.2
M-COV-1.0	MA.400-COV 1.1
M-HYD-1.0	MA.415-HGT 2.0
M-SOLI-1.0	MA.104-S.S. 1.1

900, 5ième avenue
Val d'Or (Québec)
J9P 1B9
Téléphone : (819) 874-0350
Fax / Téléc: (819) 874-0360
E-mail: valdor@multilab-direct.com
Site web: www.multilab-direct.com

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-58370

Sampling location: landfarm
Sampling date: September 14, 2016

Sample name: CSP-1A
Sampling hour: 14:00

Sampled by: Martin Theriault
Date received: September 16, 2016

Matrix: Sediment

Drinking water distribution:

Reported on: September 26, 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.

900, 5ième avenue
Val d'Or (Québec)
J9P 1B9
Téléphone : (819) 874-0350
Fax / Téléc: (819) 874-0360
E-mail: valdor@multilab-direct.com
Site web: www.multilab-direct.com

Multilab Val-d'Or

Analytical Report

Lab number: V-58370

Sample name: CSP-1A
Sampling location: landfarm
Sampling date: September 14, 2016
Sampling hour: 14:00

Parameter	Result	Method name	Analysis date
% of humidity	8.74 %	M-HUM-1.0	September 19, 2016
BTEX (S)		M-COV-1.0	
Benzene	<0.03(< A) mg/Kg	M-COV-1.0	September 19, 2016
- Toluene	<0.06(< A) mg/Kg	M-COV-1.0	September 19, 2016
Ethylbenzene	<0.06(< A) mg/Kg	M-COV-1.0	September 19, 2016
-Xylènes Totaux	<0.06(< A) mg/Kg	M-COV-1.0	September 19, 2016
Hydrocarbures (Fraction F1 (C6-C10))	<0.06 mg/Kg	M-COV-1.0	September 19, 2016
Hydrocarbures (Fraction F2 - F4))		Sous-traitance\Maxxam Analytics Inc	
- Petroleum Hydrocarbons F4 (C34-C50)	530 mg/Kg	Sous-traitance\Maxxam Analytics Inc	September 22, 2016
- Petroleum Hydrocarbons F3 (C16-C34)	3000 mg/Kg	Sous-traitance\Maxxam Analytics Inc	September 22, 2016
- Petroleum Hydrocarbons F2 (C10-C16)	350 mg/Kg	Sous-traitance\Maxxam Analytics Inc	September 22, 2016

900, 5ième avenue
Val d'Or (Québec)
J9P 1B9
Téléphone : (819) 874-0350
Fax / Téléc: (819) 874-0360
E-mail: valdor@multilab-direct.com
Site web: www.multilab-direct.com

F-02-06
Version 3ième: 26/10/2005

Multilab Val-d'Or

Quality control Report

Lab number: V-58370
Sample name: CSP-1A
Sampling location: landfarm
Sampling date: September 14, 2016
Sampling hour: 14:00

Parameter		
Benzene mg/kg	Blank	<0.03
	Standard name	MR-COV-Solide
	Result	1.80
	Accuracy	90%
	Limit	1.40 - 2.60
Ethylbenzene mg/kg	Blank	<0.06
	Standard name	MR-COV-Solide
	Result	1.90
	Accuracy	95%
	Limit	1.40 - 2.60
Hydrocarbures (Fraction F1 (C6-	Blank	<0.06
-Xylènes Totaux mg/kg	Blank	<0.06
	Standard name	MR-COV-Solide
	Result	6.00
	Accuracy	100%
	Limit	4.20 - 7.80
- Toluene mg/kg	Blank	<0.06
	Standard name	MR-COV-Solide
	Result	1.90
	Accuracy	95%
	Limit	1.40 - 2.60

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

900, 5ième avenue
Val d'Or (Québec)
J9P 1B9
Téléphone : (819) 874-0350
Fax / Téléc: (819) 874-0360
E-mail: valdor@multilab-direct.com
Site web: www.multilab-direct.com

F-02-06
Version 3ième: 26/10/2005

Additional information

Lab number: V-58370
Sample name: CSP-1A
Sampling location: landfarm
Sampling date: September 14, 2016
Sampling hour: 14:00

Please use OL #493490 for the soil analyses

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

900, 5ième avenue
Val d'Or (Québec)
J9P 1B9
Téléphone : (819) 874-0350
Fax / Téléc: (819) 874-0360
E-mail: valdor@multilab-direct.com
Site web: www.multilab-direct.com

F-02-06
Version 3ième: 26/10/2005

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-58371

Sampling location: landfarm
Sampling date: September 14, 2016

Sample name: CSP-1B
Sampling hour: 14:00

Sampled by: Martin Theriault
Date received: September 16, 2016

Matrix: Sediment

Drinking water distribution:

Reported on: September 26, 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.

900, 5ième avenue
Val d'Or (Québec)
J9P 1B9
Téléphone : (819) 874-0350
Fax / Téléc: (819) 874-0360
E-mail: valdor@multilab-direct.com
Site web: www.multilab-direct.com

Multilab Val-d'Or

Analytical Report

Lab number: V-58371

Sample name: CSP-1B
Sampling location: landfarm
Sampling date: September 14, 2016
Sampling hour: 14:00

Parameter	Result	Method name	Analysis date
% of humidity	9.58 %	M-HUM-1.0	September 19, 2016
BTEX (S)		M-COV-1.0	
Benzene	<0.03(< A) mg/Kg	M-COV-1.0	September 19, 2016
- Toluene	<0.06(< A) mg/Kg	M-COV-1.0	September 19, 2016
Ethylbenzene	<0.06(< A) mg/Kg	M-COV-1.0	September 19, 2016
-Xylènes Totaux	<0.06(< A) mg/Kg	M-COV-1.0	September 19, 2016
Hydrocarbures (Fraction F1 (C6-C10))	<0.06 mg/Kg	M-COV-1.0	September 19, 2016
Hydrocarbures (Fraction F2 - F4))		Sous-traitance\Maxxam Analytics Inc	
- Petroleum Hydrocarbons F4 (C34-C50)	490 mg/Kg	Sous-traitance\Maxxam Analytics Inc	September 22, 2016
- Petroleum Hydrocarbons F3 (C16-C34)	2400 mg/Kg	Sous-traitance\Maxxam Analytics Inc	September 22, 2016
- Petroleum Hydrocarbons F2 (C10-C16)	240 mg/Kg	Sous-traitance\Maxxam Analytics Inc	September 22, 2016

900, 5ième avenue
Val d'Or (Québec)
J9P 1B9
Téléphone : (819) 874-0350
Fax / Téléc: (819) 874-0360
E-mail: valdor@multilab-direct.com
Site web: www.multilab-direct.com

F-02-06
Version 3ième: 26/10/2005

Multilab Val-d'Or

Quality control Report

Lab number: V-58371
Sample name: CSP-1B
Sampling location: landfarm
Sampling date: September 14, 2016
Sampling hour: 14:00

Parameter		
Benzene mg/kg	Blank	<0.03
	Standard name	MR-COV-Solide
	Result	1.80
	Accuracy	90%
	Limit	1.40 - 2.60
Ethylbenzene mg/kg	Blank	<0.06
	Standard name	MR-COV-Solide
	Result	1.90
	Accuracy	95%
	Limit	1.40 - 2.60
Hydrocarbures (Fraction F1 (C6-	Blank	<0.06
-Xylènes Totaux mg/kg	Blank	<0.06
	Standard name	MR-COV-Solide
	Result	6.00
	Accuracy	100%
	Limit	4.20 - 7.80
- Toluene mg/kg	Blank	<0.06
	Standard name	MR-COV-Solide
	Result	1.90
	Accuracy	95%
	Limit	1.40 - 2.60

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

900, 5ième avenue
Val d'Or (Québec)
J9P 1B9
Téléphone : (819) 874-0350
Fax / Téléc: (819) 874-0360
E-mail: valdor@multilab-direct.com
Site web: www.multilab-direct.com

F-02-06
Version 3ième: 26/10/2005

Additional information

Lab number: V-58371
Sample name: CSP-1B
Sampling location: landfarm
Sampling date: September 14, 2016
Sampling hour: 14:00

Please use OL #493490 for the soil analyses

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

900, 5ième avenue
Val d'Or (Québec)
J9P 1B9
Téléphone : (819) 874-0350
Fax / Téléc: (819) 874-0360
E-mail: valdor@multilab-direct.com
Site web: www.multilab-direct.com

F-02-06
Version 3ième: 26/10/2005

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-58372

Sampling location: landfarm
Sampling date: September 14, 2016

Sample name: CSP-1C
Sampling hour: 14:00

Sampled by: Martin Theriault
Date received: September 16, 2016

Matrix: Sediment

Drinking water distribution:

Reported on: September 26, 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.

900, 5ième avenue
Val d'Or (Québec)
J9P 1B9
Téléphone : (819) 874-0350
Fax / Téléc: (819) 874-0360
E-mail: valdor@multilab-direct.com
Site web: www.multilab-direct.com

Multilab Val-d'Or

Analytical Report

Lab number: V-58372
Sample name: CSP-1C
Sampling location: landfarm
Sampling date: September 14, 2016
Sampling hour: 14:00

Parameter	Result	Method name	Analysis date
% of humidity	7.73 %	M-HUM-1.0	September 19, 2016
BTEX (S)		M-COV-1.0	
Benzene	<0.03(< A) mg/Kg	M-COV-1.0	September 19, 2016
- Toluene	<0.06(< A) mg/Kg	M-COV-1.0	September 19, 2016
Ethylbenzene	<0.06(< A) mg/Kg	M-COV-1.0	September 19, 2016
-Xylènes Totaux	<0.06(< A) mg/Kg	M-COV-1.0	September 19, 2016
Hydrocarbures (Fraction F1 (C6-C10))	<0.06 mg/Kg	M-COV-1.0	September 19, 2016
Hydrocarbures (Fraction F2 - F4))		Sous-traitance\Maxxam Analytics Inc	
- Petroleum Hydrocarbons F4 (C34-C50)	930 mg/Kg	Sous-traitance\Maxxam Analytics Inc	September 22, 2016
- Petroleum Hydrocarbons F3 (C16-C34)	5400 mg/Kg	Sous-traitance\Maxxam Analytics Inc	September 22, 2016
- Petroleum Hydrocarbons F2 (C10-C16)	840 mg/Kg	Sous-traitance\Maxxam Analytics Inc	September 22, 2016

900, 5ième avenue
Val d'Or (Québec)
J9P 1B9
Téléphone : (819) 874-0350
Fax / Téléc: (819) 874-0360
E-mail: valdor@multilab-direct.com
Site web: www.multilab-direct.com

F-02-06
Version 3ième: 26/10/2005

Multilab Val-d'Or

Quality control Report

Lab number: V-58372
Sample name: CSP-1C
Sampling location: landfarm
Sampling date: September 14, 2016
Sampling hour: 14:00

Parameter		
Benzene mg/kg	Blank	<0.03
	Standard name	MR-COV-Solide
	Result	1.80
	Accuracy	90%
	Limit	1.40 - 2.60
Ethylbenzene mg/kg	Blank	<0.06
	Standard name	MR-COV-Solide
	Result	1.90
	Accuracy	95%
	Limit	1.40 - 2.60
Hydrocarbures (Fraction F1 (C6-	Blank	<0.06
-Xylènes Totaux mg/kg	Blank	<0.06
	Standard name	MR-COV-Solide
	Result	6.00
	Accuracy	100%
	Limit	4.20 - 7.80
- Toluene mg/kg	Blank	<0.06
	Standard name	MR-COV-Solide
	Result	1.90
	Accuracy	95%
	Limit	1.40 - 2.60

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

900, 5ième avenue
Val d'Or (Québec)
J9P 1B9
Téléphone : (819) 874-0350
Fax / Téléc: (819) 874-0360
E-mail: valdor@multilab-direct.com
Site web: www.multilab-direct.com

F-02-06
Version 3ième: 26/10/2005

Additional information

Lab number: V-58372
Sample name: CSP-1C
Sampling location: landfarm
Sampling date: September 14, 2016
Sampling hour: 14:00

Please use OL #493490 for the soil analyses

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

900, 5ième avenue
Val d'Or (Québec)
J9P 1B9
Téléphone : (819) 874-0350
Fax / Téléc: (819) 874-0360
E-mail: valdor@multilab-direct.com
Site web: www.multilab-direct.com

F-02-06
Version 3ième: 26/10/2005

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-58373

Sampling location: landfarm
Sampling date: September 14, 2016

Sample name: CSP-2A
Sampling hour: 14:00

Sampled by: Martin Theriault
Date received: September 16, 2016

Matrix: Sediment

Drinking water distribution:

Reported on: September 26, 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.

900, 5ième avenue
Val d'Or (Québec)
J9P 1B9
Téléphone : (819) 874-0350
Fax / Téléc: (819) 874-0360
E-mail: valdor@multilab-direct.com
Site web: www.multilab-direct.com

Multilab Val-d'Or

Analytical Report

Lab number: V-58373

Sample name: CSP-2A
Sampling location: landfarm
Sampling date: September 14, 2016
Sampling hour: 14:00

Parameter	Result	Method name	Analysis date
% of humidity	8.52 %	M-HUM-1.0	September 19, 2016
BTEX (S)		M-COV-1.0	
Benzene	<0.03(< A) mg/Kg	M-COV-1.0	September 19, 2016
- Toluene	<0.06(< A) mg/Kg	M-COV-1.0	September 19, 2016
Ethylbenzene	<0.06(< A) mg/Kg	M-COV-1.0	September 19, 2016
-Xylènes Totaux	<0.06(< A) mg/Kg	M-COV-1.0	September 19, 2016
Hydrocarbures (Fraction F1 (C6-C10))	<0.06 mg/Kg	M-COV-1.0	September 19, 2016
Hydrocarbures (Fraction F2 - F4))		Sous-traitance\Maxxam Analytics Inc	
- Petroleum Hydrocarbons F4 (C34-C50)	560 mg/Kg	Sous-traitance\Maxxam Analytics Inc	September 22, 2016
- Petroleum Hydrocarbons F3 (C16-C34)	3000 mg/Kg	Sous-traitance\Maxxam Analytics Inc	September 22, 2016
- Petroleum Hydrocarbons F2 (C10-C16)	470 mg/Kg	Sous-traitance\Maxxam Analytics Inc	September 22, 2016

900, 5ième avenue
Val d'Or (Québec)
J9P 1B9
Téléphone : (819) 874-0350
Fax / Téléc: (819) 874-0360
E-mail: valdor@multilab-direct.com
Site web: www.multilab-direct.com

F-02-06
Version 3ième: 26/10/2005

Multilab Val-d'Or

Quality control Report

Lab number: V-58373
Sample name: CSP-2A
Sampling location: landfarm
Sampling date: September 14, 2016
Sampling hour: 14:00

Parameter		
Benzene mg/kg	Blank	<0.03
	Standard name	MR-COV-Solide
	Result	1.80
	Accuracy	90%
	Limit	1.40 - 2.60
Ethylbenzene mg/kg	Blank	<0.06
	Standard name	MR-COV-Solide
	Result	1.90
	Accuracy	95%
	Limit	1.40 - 2.60
Hydrocarbures (Fraction F1 (C6-	Blank	<0.06
-Xylènes Totaux mg/kg	Blank	<0.06
	Standard name	MR-COV-Solide
	Result	6.00
	Accuracy	100%
	Limit	4.20 - 7.80
- Toluene mg/kg	Blank	<0.06
	Standard name	MR-COV-Solide
	Result	1.90
	Accuracy	95%
	Limit	1.40 - 2.60

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

900, 5ième avenue
Val d'Or (Québec)
J9P 1B9
Téléphone : (819) 874-0350
Fax / Téléc: (819) 874-0360
E-mail: valdor@multilab-direct.com
Site web: www.multilab-direct.com

F-02-06
Version 3ième: 26/10/2005

Additional information

Lab number: V-58373
Sample name: CSP-2A
Sampling location: landfarm
Sampling date: September 14, 2016
Sampling hour: 14:00

Please use OL #493490 for the soil analyses

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

900, 5ième avenue
Val d'Or (Québec)
J9P 1B9
Téléphone : (819) 874-0350
Fax / Téléc: (819) 874-0360
E-mail: valdor@multilab-direct.com
Site web: www.multilab-direct.com

F-02-06
Version 3ième: 26/10/2005

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-58374

Sampling location: landfarm
Sampling date: September 14, 2016

Sample name: CSP-2B
Sampling hour: 14:00

Sampled by: Martin Theriault
Date received: September 16, 2016

Matrix: Sediment

Drinking water distribution:

Reported on: September 26, 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.

900, 5ième avenue
Val d'Or (Québec)
J9P 1B9
Téléphone : (819) 874-0350
Fax / Téléc: (819) 874-0360
E-mail: valdor@multilab-direct.com
Site web: www.multilab-direct.com

Multilab Val-d'Or

Analytical Report

Lab number: V-58374

Sample name: CSP-2B
Sampling location: landfarm
Sampling date: September 14, 2016
Sampling hour: 14:00

Parameter	Result	Method name	Analysis date
% of humidity	10.5 %	M-HUM-1.0	September 19, 2016
BTEX (S)		M-COV-1.0	
Benzene	<0.03(< A) mg/Kg	M-COV-1.0	September 19, 2016
- Toluene	<0.06(< A) mg/Kg	M-COV-1.0	September 19, 2016
Ethylbenzene	<0.06(< A) mg/Kg	M-COV-1.0	September 19, 2016
-Xylènes Totaux	<0.06(< A) mg/Kg	M-COV-1.0	September 19, 2016
Hydrocarbures (Fraction F1 (C6-C10))	<0.06 mg/Kg	M-COV-1.0	September 19, 2016
Hydrocarbures (Fraction F2 - F4))		Sous-traitance\Maxxam Analytics Inc	
- Petroleum Hydrocarbons F4 (C34-C50)	1200 mg/Kg	Sous-traitance\Maxxam Analytics Inc	September 22, 2016
- Petroleum Hydrocarbons F3 (C16-C34)	5800 mg/Kg	Sous-traitance\Maxxam Analytics Inc	September 22, 2016
- Petroleum Hydrocarbons F2 (C10-C16)	560 mg/Kg	Sous-traitance\Maxxam Analytics Inc	September 22, 2016

900, 5ième avenue
Val d'Or (Québec)
J9P 1B9
Téléphone : (819) 874-0350
Fax / Téléc: (819) 874-0360
E-mail: valdor@multilab-direct.com
Site web: www.multilab-direct.com

F-02-06
Version 3ième: 26/10/2005

Multilab Val-d'Or

Quality control Report

Lab number: V-58374
Sample name: CSP-2B
Sampling location: landfarm
Sampling date: September 14, 2016
Sampling hour: 14:00

Parameter		
Benzene mg/kg	Blank	<0.03
	Standard name	MR-COV-Solide
	Result	1.80
	Accuracy	90%
	Limit	1.40 - 2.60
Ethylbenzene mg/kg	Blank	<0.06
	Standard name	MR-COV-Solide
	Result	1.90
	Accuracy	95%
	Limit	1.40 - 2.60
Hydrocarbures (Fraction F1 (C6-	Blank	<0.06
-Xylènes Totaux mg/kg	Blank	<0.06
	Standard name	MR-COV-Solide
	Result	6.00
	Accuracy	100%
	Limit	4.20 - 7.80
- Toluene mg/kg	Blank	<0.06
	Standard name	MR-COV-Solide
	Result	1.90
	Accuracy	95%
	Limit	1.40 - 2.60

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

900, 5ième avenue
Val d'Or (Québec)
J9P 1B9
Téléphone : (819) 874-0350
Fax / Téléc: (819) 874-0360
E-mail: valdor@multilab-direct.com
Site web: www.multilab-direct.com

F-02-06
Version 3ième: 26/10/2005

Additional information

Lab number: V-58374
Sample name: CSP-2B
Sampling location: landfarm
Sampling date: September 14, 2016
Sampling hour: 14:00

Please use OL #493490 for the soil analyses

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

900, 5ième avenue
Val d'Or (Québec)
J9P 1B9
Téléphone : (819) 874-0350
Fax / Téléc: (819) 874-0360
E-mail: valdor@multilab-direct.com
Site web: www.multilab-direct.com

F-02-06
Version 3ième: 26/10/2005

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-58375

Sampling location: landfarm
Sampling date: September 14, 2016

Sample name: CSP-2C
Sampling hour: 14:00

Sampled by: Martin Theriault
Date received: September 16, 2016

Matrix: Sediment

Drinking water distribution:

Reported on: September 26, 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.

900, 5ième avenue
Val d'Or (Québec)
J9P 1B9
Téléphone : (819) 874-0350
Fax / Téléc: (819) 874-0360
E-mail: valdor@multilab-direct.com
Site web: www.multilab-direct.com

Multilab Val-d'Or

Analytical Report

Lab number: V-58375

Sample name: CSP-2C
Sampling location: landfarm
Sampling date: September 14, 2016
Sampling hour: 14:00

Parameter	Result	Method name	Analysis date
% of humidity	8.79 %	M-HUM-1.0	September 19, 2016
BTEX (S)		M-COV-1.0	
Benzene	<0.03(< A) mg/Kg	M-COV-1.0	September 19, 2016
- Toluene	<0.06(< A) mg/Kg	M-COV-1.0	September 19, 2016
Ethylbenzene	<0.06(< A) mg/Kg	M-COV-1.0	September 19, 2016
-Xylènes Totaux	<0.06(< A) mg/Kg	M-COV-1.0	September 19, 2016
Hydrocarbures (Fraction F1 (C6-C10))	<0.06 mg/Kg	M-COV-1.0	September 19, 2016
Hydrocarbures (Fraction F2 - F4))		Sous-traitance\Maxxam Analytics Inc	
- Petroleum Hydrocarbons F4 (C34-C50)	400 mg/Kg	Sous-traitance\Maxxam Analytics Inc	September 22, 2016
- Petroleum Hydrocarbons F3 (C16-C34)	2200 mg/Kg	Sous-traitance\Maxxam Analytics Inc	September 22, 2016
- Petroleum Hydrocarbons F2 (C10-C16)	240 mg/Kg	Sous-traitance\Maxxam Analytics Inc	September 22, 2016

900, 5ième avenue
Val d'Or (Québec)
J9P 1B9
Téléphone : (819) 874-0350
Fax / Téléc: (819) 874-0360
E-mail: valdor@multilab-direct.com
Site web: www.multilab-direct.com

F-02-06
Version 3ième: 26/10/2005

Multilab Val-d'Or

Quality control Report

Lab number: V-58375
Sample name: CSP-2C
Sampling location: landfarm
Sampling date: September 14, 2016
Sampling hour: 14:00

Parameter		
Benzene mg/kg	Blank	<0.03
	Standard name	MR-COV-Solide
	Result	1.80
	Accuracy	90%
	Limit	1.40 - 2.60
Ethylbenzene mg/kg	Blank	<0.06
	Standard name	MR-COV-Solide
	Result	1.90
	Accuracy	95%
	Limit	1.40 - 2.60
Hydrocarbures (Fraction F1 (C6-	Blank	<0.06
-Xylènes Totaux mg/kg	Blank	<0.06
	Standard name	MR-COV-Solide
	Result	6.00
	Accuracy	100%
	Limit	4.20 - 7.80
- Toluene mg/kg	Blank	<0.06
	Standard name	MR-COV-Solide
	Result	1.90
	Accuracy	95%
	Limit	1.40 - 2.60

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

900, 5ième avenue
Val d'Or (Québec)
J9P 1B9
Téléphone : (819) 874-0350
Fax / Téléc: (819) 874-0360
E-mail: valdor@multilab-direct.com
Site web: www.multilab-direct.com

Additional information

Lab number: V-58375
Sample name: CSP-2C
Sampling location: landfarm
Sampling date: September 14, 2016
Sampling hour: 14:00

Please use OL #493490 for the soil analyses

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

900, 5ième avenue
Val d'Or (Québec)
J9P 1B9
Téléphone : (819) 874-0350
Fax / Téléc: (819) 874-0360
E-mail: valdor@multilab-direct.com
Site web: www.multilab-direct.com

F-02-06
Version 3ième: 26/10/2005