

Appendix G10

2015 Air Quality and Dustfall Monitoring Report



MEADOWBANK GOLD PROJECT

**2015 Air Quality and Dustfall
Monitoring Report**

In Accordance with NIRB Project Certificate No.004

Prepared by:
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EXECUTIVE SUMMARY

The 2015 air quality and dustfall monitoring program at Meadowbank was conducted in support of the Air Quality and Dustfall Monitoring Plan - Version 2 (November, 2013).

The objective of the 2015 program was to measure dustfall, total suspended particulates (TSP), PM₁₀, PM_{2.5} and NO₂ at four monitoring locations around the Meadowbank site. Locations were established in 2011 in consultation with Environment Canada.

Results obtained for the measured parameters were compared to Government of Nunavut (GN) Environmental Guidelines for Ambient Air Quality (October, 2011) for TSP, PM_{2.5} and NO₂; BC Air Quality Objectives (August, 2013) for PM₁₀; and Alberta Ambient Air Quality Guidelines (August, 2013) for dustfall. The Canadian Ambient Air Quality Standards for PM_{2.5} (May, 2013) are also referenced.

Of 114 TSP samples obtained, one sample exceeded the relevant GN standard of 120 µg/m³, with a concentration of 210 µg/m³. This sample was obtained from DF-2, which is located immediately south (downwind) of the main mine plant area and adjacent to the TCG contractor area. Annual average TSP values at each station did not exceed the GN guideline for that time period of 60 µg/m³. For PM₁₀, no samples exceeded the BC Air Quality Objective of 50 µg/m³ for the 24-h average. For PM_{2.5}, no samples exceeded the GN guideline of 30 µg/m³ or the Canadian Ambient Air Quality Standard of 28 µg/m³ for the 24-h average. No suspended particulates exceeded the relevant GN or Canadian standards for annual averages.

The Alberta recreational area guideline for dustfall was exceeded in one out of 48 samples, which is lower than all previous years. The industrial area guideline was not exceeded in any sample.

The GN annual average standard for NO₂ of 32 ppb was not exceeded, with a maximum monthly average of 3.3 ppb.

Weather data collected onsite in 2015 are provided in Appendix A.

Estimated greenhouse gas emissions for the Meadowbank site as reported to Environment Canada's Greenhouse Gas Emissions Reporting Program in 2015 were 187,280 tonnes CO₂ equivalent, which is similar to the value obtained in 2014 (179,889 tonnes CO₂ equivalent).

A summary of incinerator stack testing results is provided. The result for mercury (average) was <0.22 µg/Rm³ @11%O₂, which is below the Environment Canada guideline of 20 µg/Rm³. Measured concentrations of dioxins and furans (21.0 pg TEQ / Rm³ @ 11 % v/v O₂) also met Environment Canada guidelines (80 pg TEQ / Rm³ @ 11 % v/v O₂).

Overall, there are no apparent trends towards increasing air quality concerns at the Meadowbank site.

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SECTION 1 • INTRODUCTION

1.1 OBJECTIVE

Since November, 2011, Agnico Eagle Mines Ltd. (AEM) has conducted outdoor dust and air quality monitoring at the Meadowbank site, near Baker Lake, Nunavut, as required under NIRB Project Certificate No. 004. Monitoring occurred in 2015 according to the Air Quality and Dustfall Monitoring Plan - Version 2 (November, 2013). The objective of this program is to monitor ambient air quality around the mine site perimeter, with the goal of verifying compliance with relevant environmental standards and mitigating potential environmental effects.

The parameters measured in 2015, in accordance with the Project Certificate, were suspended particulates (TSP, PM₁₀, PM_{2.5}), NO₂ and dustfall (settleable particulate matter). As described in the Air Quality and Dustfall Monitoring Plan, dustfall was measured approximately monthly and rates were normalized to 30 days; suspended particulates were measured over 24 h on a six day cycle; and NO₂ was measured over approximately one month periods.

This report also provides weather data as collected through the onsite weather station (Section 5), greenhouse gas emissions data as required by Environment Canada's Greenhouse Gas Emissions Reporting Program (GHGRP) (Section 6) and a summary of incinerator stack testing as conducted under Meadowbank's Incinerator Waste Management Plan (AEM, 2014) (Section 7).

1.2 MONITORING LOCATIONS

Monitoring locations were determined in consultation with Environment Canada in 2011. One station was moved in 2012 due to changes in the location of the Vault haul road (see 2012 Annual Report – Air Quality and Dust Monitoring Report). UTM coordinates are provided in Table 1, and locations are shown in relation to minesite features in Figure 1.

Table 1. UTM coordinates and dates of measurement for the Meadowbank air quality and dustfall monitoring locations.

Monitoring Location	Measured Parameters	Easting	Northing
DF-1	TSP, PM ₁₀ , PM _{2.5} , NO ₂ , dustfall	636850	7217663
DF-2	TSP, PM ₁₀ , PM _{2.5} , NO ₂ , dustfall	637895	7213049
DF-3	Dustfall	639599	7213198
DF-4	Dustfall	639233	7217074

1.2.1 DF-1

Station DF-1 is located next to the explosive storage area (emulsion plant), and approximately 500 m north of the all-weather access road. All parameters (TSP, PM₁₀ and PM_{2.5}, NO₂ and dustfall) were monitored at this location from January through December, 2015.

1.2.2 DF-2

Station DF-2 is located at the northern corner of South Camp Island, near the TCG contractor area. Due to a long-term power outage in this area in January, TSP, PM₁₀ and PM_{2.5} were monitored from

February through December, 2015. NO₂ and dustfall were monitored from January through December, 2015.

1.2.3 DF-3

Station DF-3 is approximately 1,800 m east of the East Dike. Dustfall only was monitored at this location from January through December, 2015.

1.2.4 DF-4

Station DF-4 is approximately 1,500 m southwest of Vault Pit. The original location of this monitoring station was chosen before the beginning of the construction of the Vault Road. Realignment of the road during construction placed the station within 10 feet of the road. Therefore, AEM re-positioned Station DF-4 approximately 480 m to the north-west on February 29, 2012 to be representative of the originally intended location relative to the road.

Dustfall only was monitored at this location from January through December, 2015.

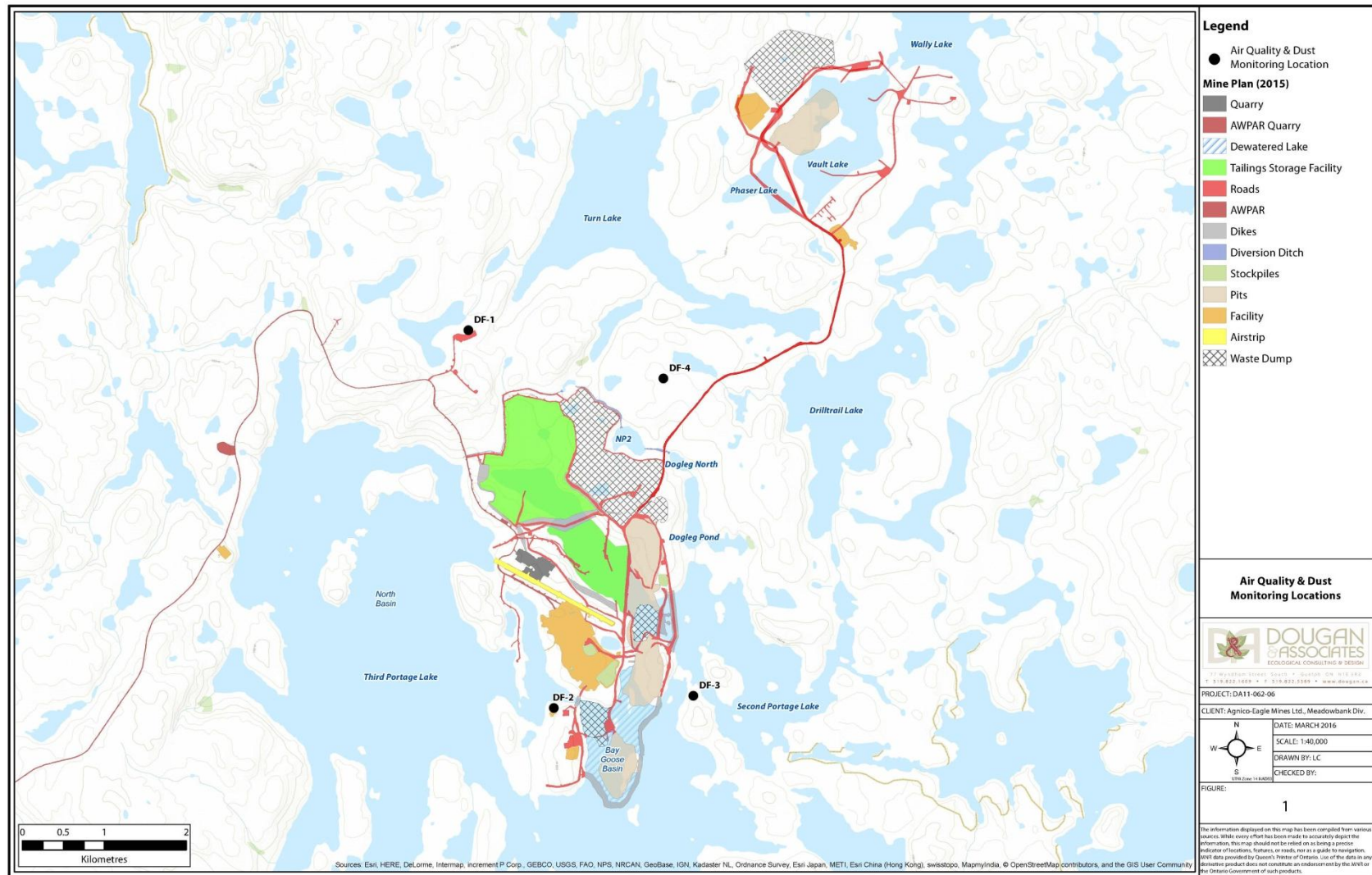


Figure 1. Air quality and dustfall monitoring locations on the Meadowbank site.

SECTION 2 • REGULATORY LIMITS

Data collected from the air quality and dustfall monitoring program at Meadowbank was compared to the available Government of Nunavut Environmental Guidelines for Ambient Air Quality (October, 2011). Guidelines for the measured parameters are provided in Table 2.

Table 2. Government of Nunavut Environmental Guidelines for Ambient Air Quality (October, 2011) for the parameters of concern at Meadowbank. All values are for data normalized to standard conditions of 25°C and 101.3 kPa.

Parameter	Time Frame	Guideline	
		$\mu\text{g}/\text{m}^3$	ppb
Fine Particulate Matter ($\text{PM}_{2.5}$)	24-h average	30	
Total Suspended Particulate (TSP)	24-h average	120	
	Annual geometric mean	60	
Nitrogen Dioxide (NO_2)	1-h average	400	213
	24-h average	200	106
	Annual arithmetic mean	60	32

In 2013, the Canadian Council of Ministers of the Environment adopted new Canadian Ambient Air Quality Standards ($\text{PM}_{2.5}$ and ozone only). Although these have not yet been incorporated into Nunavut's guidelines, the published 24-h value for $\text{PM}_{2.5}$ of $28 \mu\text{g}/\text{m}^3$ and annual average standard of $10 \mu\text{g}/\text{m}^3$ are addressed here for reference.

No GN standard is available for coarse particulate matter (PM_{10}) so results were compared to the BC Air Quality Objective (August, 2013) of $50 \mu\text{g}/\text{m}^3$.

Likewise, no standards for dustfall are available for Nunavut. Results of the dustfall analysis were compared to the Alberta Environment Department recreational area guideline (August, 2013) of $0.53 \text{ mg}/\text{cm}^2/30\text{d}$ and commercial/industrial guideline of $1.58 \text{ mg}/\text{cm}^2/30\text{d}$, to provide context.

For all parameters and locations, trends over time were assessed.

SECTION 3 • MONITORING METHODS

3.1 TSP, PM_{10} , $\text{PM}_{2.5}$

In 2015, AEM field staff sampled suspended particulates (TSP, PM_{10} , $\text{PM}_{2.5}$) at the two locations previously described for 24-h periods every six days using Partisol Plus Model 2025 Sequential Air Samplers (TSP) and Partisol Plus Model 2025-D Dichotomous Sequential Air Samplers ($\text{PM}_{2.5}$ and $\text{PM}_{10-2.5}$). Partisol samplers draw in a stream of ambient air at a controlled flow rate, and particulates are collected on a pre-weighed filter supplied by an accredited laboratory. The exposed filter is then shipped back to the laboratory and re-weighed to measure the total accumulated particulates. Calculations for TSP, PM_{10} and $\text{PM}_{2.5}$ were performed according to the Partisol operating manual, as follows.

TSP is calculated as:

$$TSP = M_{TSP}/V$$

Where: TSP = mass concentration of particulates ($\mu\text{g}/\text{m}^3$)

M_{TSP} = final mass of TSP filter – initial mass of filter ($\mu\text{g}/\text{filter}$)

V = volume of air drawn in during the sampling period ($\sim 24 \text{ m}^3$)

Since the dichotomous unit splits the intake air stream to determine $PM_{2.5}$ and PM_{coarse} ($PM_{10-2.5}$), the volume of air is different for each filter. Calculations are performed as follows:

$PM_{2.5}$ is calculated as:

$$PM_{2.5} = M_{2.5}/V_{2.5}$$

Where: $PM_{2.5}$ = mass concentration of particulates ($\mu\text{g}/\text{m}^3$)

$M_{2.5}$ = final mass of $PM_{2.5}$ filter – initial mass of filter ($\mu\text{g}/\text{filter}$)

$V_{2.5}$ = volume of air drawn through the $PM_{2.5}$ filter during the sampling period ($\sim 21.7 \text{ m}^3$)

And PM_{coarse} is calculated as:

$$PM_{\text{coarse}} = M_{\text{coarse}}/V_{\text{total}} - PM_{2.5}(V_{\text{coarse}}/V_{\text{total}})$$

Where: PM_{coarse} = mass concentration of particulates ($\mu\text{g}/\text{m}^3$)

M_{coarse} = final mass of PM_{coarse} filter – initial mass of filter ($\mu\text{g}/\text{filter}$)

V_{total} = total volume of air drawn into unit during sampling ($\sim 24 \text{ m}^3$)

V_{coarse} = volume of air drawn through the PM_{coarse} filter during the sampling period ($\sim 2.4 \text{ m}^3$)

Concentration of PM_{10} is then calculated as $PM_{\text{coarse}} + PM_{2.5}$.

For comparison to Government of Nunavut Ambient Air Quality Guidelines (2011), concentrations of particulates should be calculated using air volumes normalized to 25°C and 101.3kPa (standard temperature and pressure; STP). Standardized volumes were calculated from average temperature and pressure recorded by the Partisol unit during the sampling period, whenever possible. These values were available for all dates except October 9 and 15 for the dichotomous unit at DF-1. Estimates of suspended particulate concentrations using actual volumes are expected to be slightly conservative (higher than actual), since air temperatures are almost always colder than 25°C.

In addition, the air sampling unit is housed in an insulated container because winter temperatures inhibit operation. This is standard practice in northern climates. Since the unit's ambient temperature sensor is warmer than actual air temperature for much of the year, intake volumes are inflated compared to calculated volumes, resulting in conservative estimates of particulate concentrations.

3.2 DUSTFALL

Dustfall was collected in open vessels containing a purified liquid matrix over one month periods (approximately) at each of the four locations. Particles are deposited and retained in the liquid, which was then analyzed for total and fixed (non-combustible) dustfall. Calculated dustfall rates were normalized to 30 days ($\text{mg}/\text{cm}^2/30 \text{ days}$). Dustfall canisters were provided by and analyzed by an accredited laboratory.

3.3 NO₂

Concentrations of NO₂ by volume (ppb) were analyzed over one month periods (approximately 30 days) using a passive sampling device provided by Maxxam Analytics. No monitoring was proposed for other gaseous pollutants because of low concentrations predicted in pre-construction dispersion modelling (Cumberland, 2005).

The annual average NO₂ concentration by volume was calculated from the monthly data for comparison against the relevant standard.

SECTION 4 • MONITORING RESULTS

Laboratory certificates for all analytical results are provided in Appendix B.

4.1 TSP, PM₁₀, PM_{2.5}

Sampling dates and 24-h average concentrations of TSP, PM₁₀ and PM_{2.5} are shown in Figures 2 – 4.

While data was unavailable for several months in 2013 due to maintenance requirements, AEM's Environmental Technicians are now able to provide onsite maintenance and calibration, so units were nearly fully operational in 2015.

For DF-1, a damaged filter and unit error occurred on two dates (April 12 and December 20). For DF-2, filters were also damaged on April 12.

A total of 2 filters were damaged in the instrument or during shipment and were not analyzed. This is a substantial improvement over the 12 filters damaged in 2013.

On March 1, 19 and April 18, the units at DF-1 had reduced sampling times due to brief power failures. Similarly, power failures reduced sampling times at DF-2 on March 1 and May 18.

Additionally, in 27 out of 59 samples at DF-1, and 16 out of 55 samples at DF-2, TSP results were lower than PM₁₀ results. This generally occurred for concentrations <5x the detection limit, and a similar frequency of exceedances has been observed in previous years. While not technically possible since PM₁₀ is a subset of TSP, this has been observed by others with the same Partisol samplers over a similar range of concentrations (Doris North - Rescan, 2009). Since all results were lower than the GN standard, they are not handled separately in the dataset.

As in previous years, TSP concentrations were generally highest in spring, with one exceedance of the GN 24-h standard of 120 $\mu\text{g}/\text{m}^3$ at 210 $\mu\text{g}/\text{m}^3$. The TSP standard is mainly based on potential for reduced visibility, soiling of structures and vehicles, and smothering of vegetation (not health concerns), so exceedance of one sample is not expected to result in measureable environmental

impact. Additional actions were recommended to help reduce dust levels onsite in the 2013 report, and the maximum observed TSP concentration has since been reduced from 459 $\mu\text{g}/\text{m}^3$.

The annual geometric mean concentrations of TSP at DF-1 and DF-2 were 5.1 and 9.8 $\mu\text{g}/\text{m}^3$, respectively. These estimates are well below the annual GN guideline of 60 $\mu\text{g}/\text{m}^3$, and are similar to the values of 8 and 12 $\mu\text{g}/\text{m}^3$ obtained in 2012, 4.6 and 14.0 $\mu\text{g}/\text{m}^3$ obtained in 2013, and 6.5 and 12.8 $\mu\text{g}/\text{m}^3$ obtained in 2014.

The highest PM_{10} concentrations were generally observed between May and November. No samples exceeded the BC Air Quality Objective of 50 $\mu\text{g}/\text{m}^3$ for 24-h average PM_{10} . Average concentrations were 7.4 and 6.2 $\mu\text{g}/\text{m}^3$ at DF-1 and DF-2, respectively.

No samples exceeded the GN guideline of 30 $\mu\text{g}/\text{m}^3$ for 24-h average $\text{PM}_{2.5}$, or the Canadian Ambient Air Quality Standard of 28 $\mu\text{g}/\text{m}^3$. Annual average concentrations of $\text{PM}_{2.5}$ were 0.5 and 2.3 $\mu\text{g}/\text{m}^3$ at DF-1 and DF-2, respectively, which are well below the Canadian Ambient Air Quality Standard for annual average $\text{PM}_{2.5}$ of 10 $\mu\text{g}/\text{m}^3$.

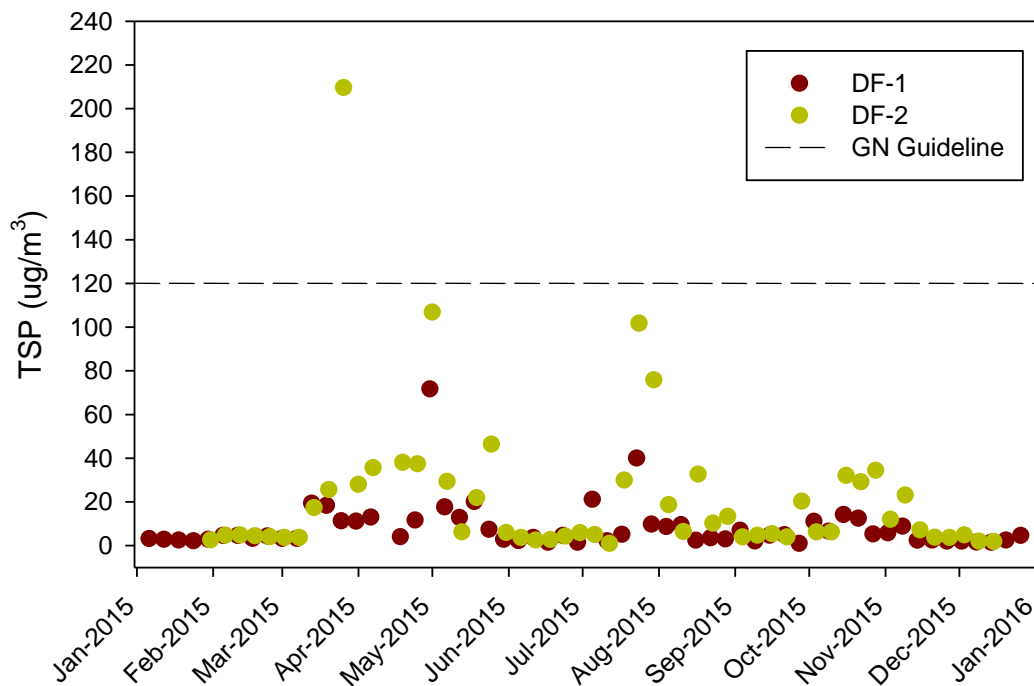


Figure 2. 24-h average concentrations of total suspended particulates (TSP) at Meadowbank stations DF-1 and DF-2. Dashed line indicates the 24-hr average GN guideline for ambient air quality.

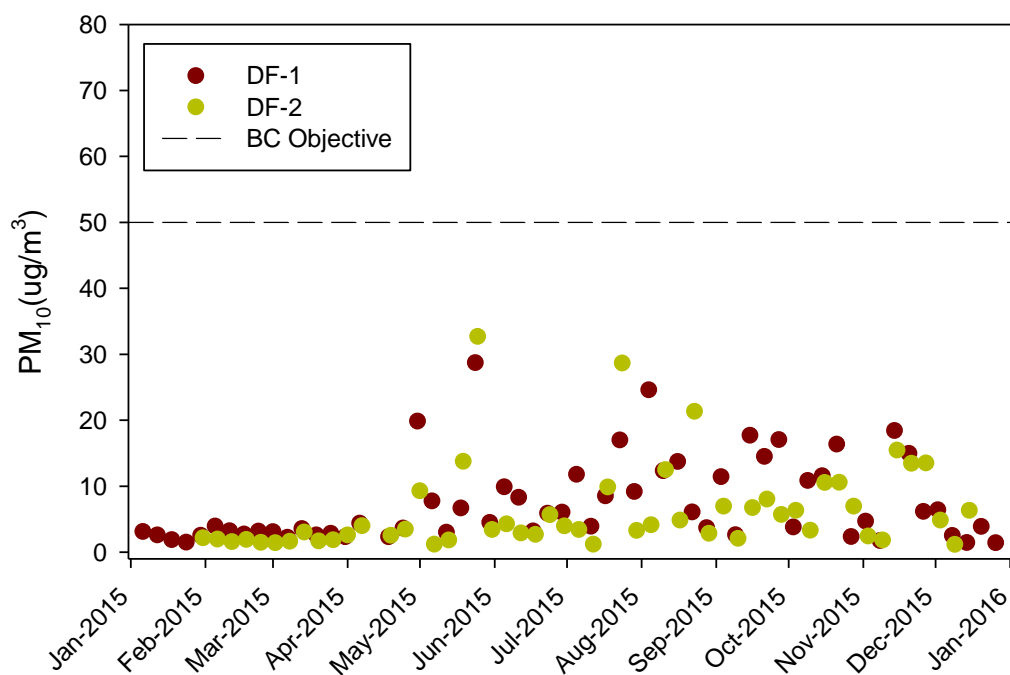


Figure 3. 24-h average concentration of airborne particulate matter less than 10 microns (PM_{10}) at Meadowbank stations DF-1 and DF-2. Dashed line indicates the BC Air Quality Objective for this parameter.

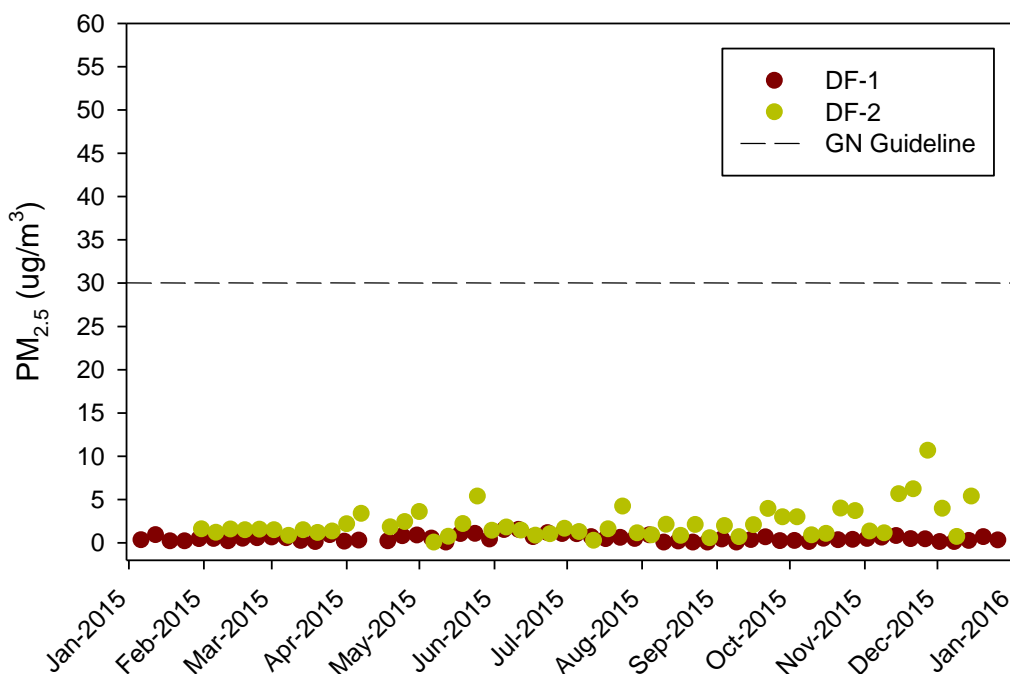


Figure 4. 24-average concentrations of airborne particulate matter less than 2.5 microns ($PM_{2.5}$) at Meadowbank stations DF-1 and DF-2. Dashed line indicates the 24-hr average GN guideline for this parameter.

4.2 DUSTFALL

Results of the 2015 dustfall sampling program (30-day normalized rates of total and fixed dustfall) are provided in Figure 5 and 6. Fixed dustfall accounted for nearly all of total dustfall in most samples. Samples are plotted by the collection start date. To provide context, the Alberta Environment Department's recreational/residential and industrial/commercial area dustfall guidelines of $0.53 \text{ mg/cm}^2/30 \text{ days}$ and $1.58 \text{ mg/cm}^2/30 \text{ days}$ are indicated for total dustfall. These guidelines are based on aesthetic or nuisance concerns, and are to be used for airshed planning and management, as a general performance indicator, and to assess local concerns.

The recreational/residential area guideline was exceeded in 1 out of 48 samples, which is lower than all previous years (2014 had 5 exceedances, 2013 had 11 exceedances, and 2012 had 10 exceedances). The industrial/commercial area guideline was not exceeded. While the applicability of these guidelines is not well defined, there are no recreational or residential users within vicinity of the minesite and exceedance of one sample is not expected to result in significant aesthetic or nuisance concerns.

Although dustfall rates are typically lowest at DF-4, no other significant trends by location are apparent. Relatively low dustfall values overall may reflect continued efforts to manage dust on site roads through use of dust suppressants (calcium chloride application) and water trucks.

Fixed (non-combustible) dustfall always represented more than 52% of total dustfall, and more commonly more than 80%.

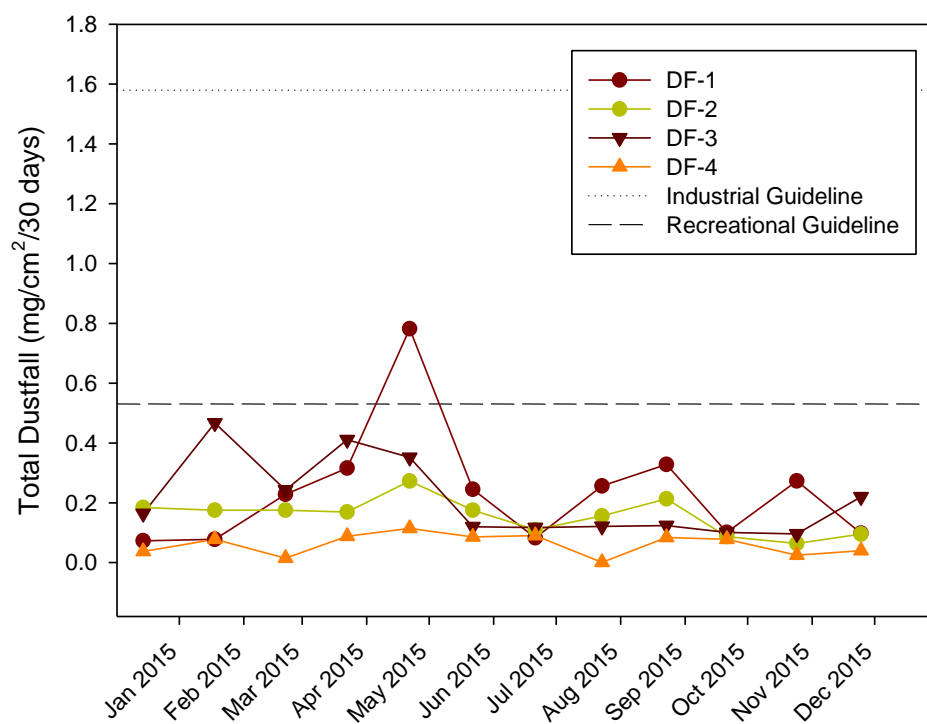


Figure 5. Total 30-day-normalized dustfall at DF-1 – 4 at the Meadowbank site. Points represent start date of sample collection. Dashed line indicates the Alberta Environment Department's recreational area guideline of 0.53 mg/cm²/30d, and the dotted line indicates the industrial area guideline of 1.58 mg/cm²/30d.

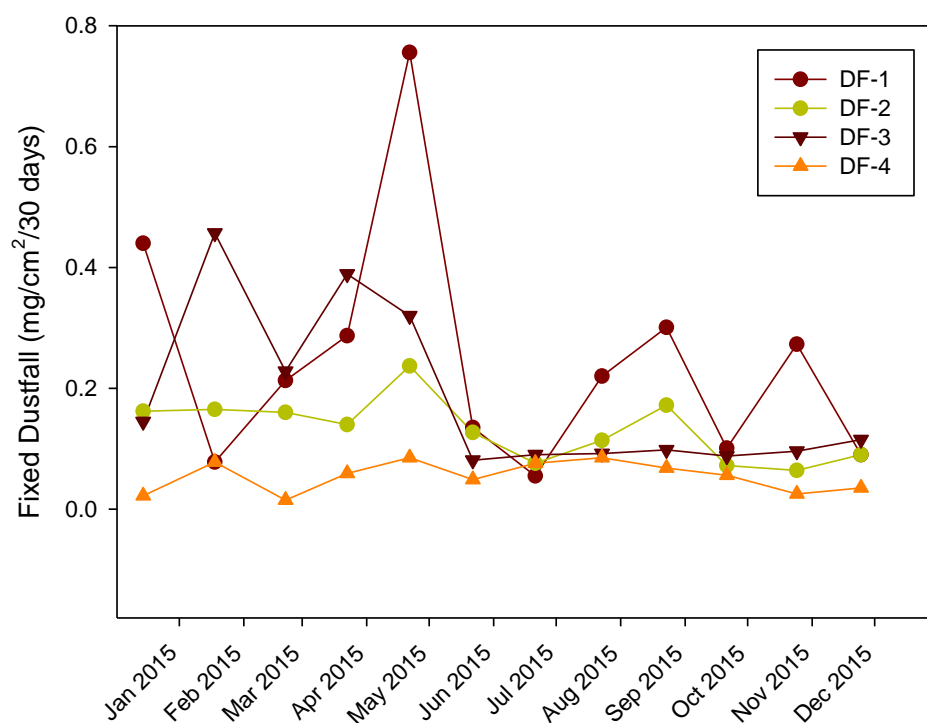


Figure 6. Fixed (non-combustible) 30-day-normalized dustfall at DF-1 – 4 at the Meadowbank site. Points represent start date of sample collection.

4.3 NO₂

Monthly-average NO₂ trends in 2015 are provided in Figure 7. Samples are referred to by the collection start date. Concentrations of NO₂ vary between non-detect (<0.1) and 3.3 ppb. This maximum is the same as 2014, and slightly lower than the maximums of 5.3 and 6.8 ppb observed in 2013 and 2012, respectively. At most time points, concentrations are lower at DF-1 than DF-2. This is likely because DF-1 is further from the main camp area and there is generally less vehicular activity in the vicinity. No clear trends towards increasing or decreasing concentrations over time are evident.

Annual arithmetic mean concentrations were calculated for each station from the monthly-average values. The annual mean concentrations of NO₂ were 0.6 and 1.7 ppb for DF-1 and DF-2, respectively (December 14, 2014 – January 7, 2016). These are both well below the Government of Nunavut Ambient Air Quality Standard of 32 ppb for the annual average.

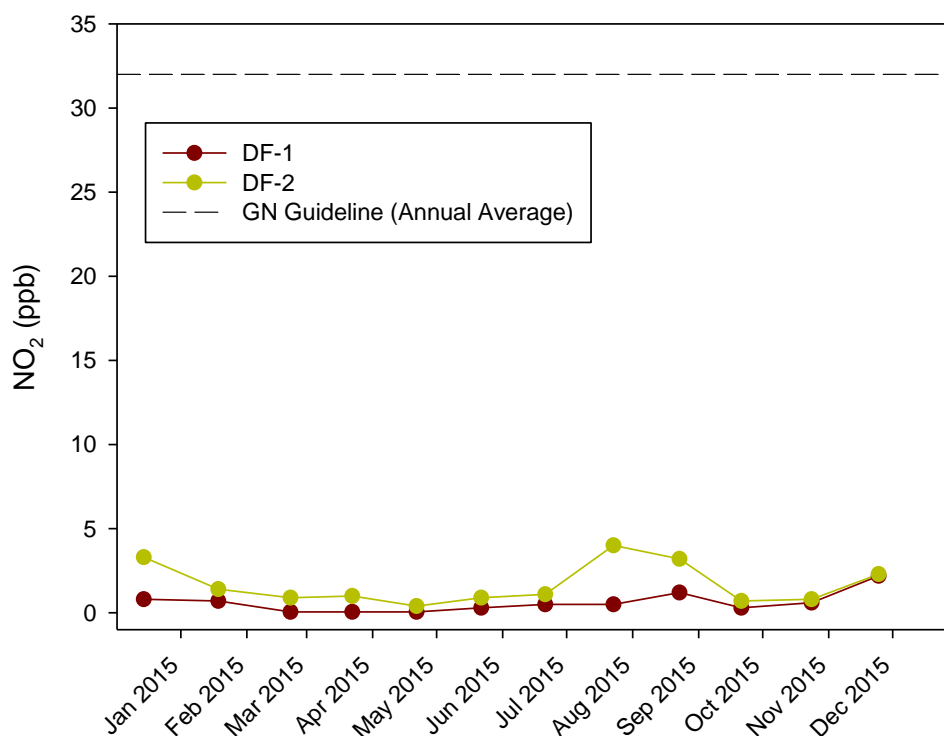


Figure 7. Monthly average concentration of NO₂ at DF-1 and DF-2. Points represent start date of sample collection. Dashed line indicates GN standard for the annual average.

4.4 QA/QC

QA/QC procedures in 2015 included the use of an accredited lab for sample preparation and analysis, and sample collection by appropriate personnel (trained by a professional air quality specialist).

AEM technicians are now trained to calibrate and maintain Partisol instruments on site, and travel blanks were used as part of particulate sample submissions. Two laboratory records indicated contamination of travel blanks up to 12 µg/filter (MDL = 3 µg/filter). Detections in travel blanks occurred in 3 out of 10 submissions, which is an improvement over the 6 contaminated blanks that occurred in 2014. Detections in laboratory blanks only occurred in one submission. Since there were few exceedances of regulatory guidelines, the data was not handled separately. In 2015 the laboratory was contacted to review filter handling procedures and assess methods to reduce the possibility for contamination, potentially resulting in the observed reduction of travel blank contamination.

SECTION 5 • WEATHER DATA

Weather data for the dustfall and air quality monitoring periods was collected using the mine site's permanent weather station. Daily averages for wind speed, wind direction and temperature were available from this station.

Daily averages for wind speed, wind direction and temperature are provided in Appendix A.

SECTION 6 • GREENHOUSE GAS EMISSIONS

AEM is required by Environment Canada's Greenhouse Gas Emissions Reporting Program (GHGRP) to track greenhouse gas emissions based on annual fuel consumption, composition and the US EPA's AP-42 emission factors.

Estimated greenhouse gas emissions for the Meadowbank site as reported to Environment Canada's Greenhouse Gas Emissions Reporting Program in 2015 were 187,280 tonnes CO₂ equivalent. This is slightly higher than the value observed in 2014 (179,889 tonnes CO₂ equivalent), but in general a year-over-year decline has been observed, with 195,686 tonnes in 2013 and 202,201 tonnes equivalent in 2012.

SECTION 7 • INCINERATOR STACK TESTING

Incinerator stack testing is conducted under AEM's Incinerator Waste Management Plan (AEM, 2014), and results are summarized here. As determined in consultation with Environment Canada, incinerator stack testing is undertaken every two years. Therefore, in accordance with AEM's Incinerator Waste Management Plan, stack testing was conducted from July 11th to July 13th, 2014 by Exova Canada Inc. Results indicated that the average (of 3 tests) measured mercury level (64.09 µg / Rm³ @ 11 % v/v O₂) exceeded the Environment Canada (EC) guideline (20 µg / Rm³ @ 11 % v/v O₂). Laboratory re-analysis confirmed these results. As a result an investigation with Meadowbank's Site Services Department was performed to determine the potential sources. Although AEM has an alkaline battery recycling program, the investigation revealed that there could still be a significant volume of batteries disposed of with regular solid waste destined for the onsite incinerator. This would seem to be the most likely source. In addition, the incinerator may have been overloaded on the day of testing which would result in some incomplete combustion but this would not be considered as a major contributing factor. By comparison it should be noted that the 2012 result for mercury was <0.08 µg / Rm³ @ 11 % v/v O₂. The dioxin and furans results in 2014 (53.6 pg TEQ / Rm³ @ 11 % v/v O₂) are well below the EC guideline (80 pg TEQ / Rm³ @ 11 % v/v O₂).

As a result, AEM implemented a comprehensive site wide information program to reinforce the requirements of the recycling program. This includes regular meetings with individual departments as well as placing information on the AEM intranet site.

Stack testing was performed again in 2015 to determine whether the mercury exceedance is ongoing. Testing was performed by Exova Canada Inc. from June 19 – 21, 2015. Concentrations of mercury (<0.22 ug/ Rm³ @ 11 % v/v O₂) were below the Environment Canada guideline of 20 ug/ Rm³ @ 11 % v/v O₂, suggesting that efforts to reduce improper disposal of batteries were effective. Concentrations

of dioxins and furans (21.0 pg TEQ / Rm³ @ 11 % v/v O₂) also met Environment Canada guidelines (80 pg TEQ / Rm³ @ 11 % v/v O₂). The Incinerator Stack Testing Report – 2015 is attached as Appendix E3 of the 2015 Annual Report. Stack testing will be conducted again in 2016 to confirm these results.

SECTION 8 • MONITORING SUMMARY

8.1 COMPARISON TO REGULATORY GUIDELINES

8.1.1 Suspended Particulates (TSP, PM₁₀, PM_{2.5})

One sample exceeded the GN 24-h average TSP guideline of 120 µg/m³, with a concentration of 210 µg/m³.

No samples exceeded the BC Air Quality Objective of 50 µg/m³ for 24-h average PM₁₀, the GN guideline of 30 µg/m³ or the Canadian Ambient Air Quality Standard of 28 µg/m³ for 24-h average PM_{2.5}.

No parameters exceeded the relevant GN or Canadian standards for annual averages.

8.1.2 Dustfall Guideline

The Alberta Environment Department's recreational area dustfall guideline was exceeded in one out of 48 samples, which is lower than all previous years. No samples exceeded the industrial area guideline.

8.1.3 NO₂

The annual mean concentrations of NO₂ were more than 20x lower than the GN guideline of 32 ppb for the annual average.

8.1.4 Incinerator Emissions - Hg and Dioxin

Results from stack testing indicated that the average measured mercury level (<0.22 µg / Rm³ @ 11 % v/v O₂) was well below the Environment Canada (EC) guideline (20 µg / Rm³ @ 11 % v/v O₂) in 2015.

The dioxin and furans results (21 pg TEQ / Rm³ @ 11 % v/v O₂) were also below the EC guideline (80 pg TEQ / Rm³ @ 11 % v/v O₂).

8.2 TEMPORAL AND SPATIAL TRENDS

For TSP, minimum concentrations generally occurred in winter (December – March), as in previous years. In general, concentrations of suspended particulates were higher at DF-2, which is consistent with historical results and the placement of this station closer to the main site.

Dustfall at all stations was generally low throughout the year with few notable trends, though concentrations at DF-3 tended to be highest in January - April. Maximum concentrations continue to occur at DF-1, and minimum concentrations at DF-4.

Concentrations of NO₂ were slightly lower at DF-1 compared to DF-2, likely because DF-1 is more remote. No clear trends over the year were observed.

SECTION 9 • ACTIONS

The following actions were identified in 2014, and AEM's responses to each in 2015 are indicated below.

- AEM will continue to investigate potential reasons for reported PM₁₀ values to occasionally exceed TSP, and rectify if possible.
 - Given the tendency for this problem to occur for low concentrations of particulates (<5x detection limit), it is estimated to be an artifact of the sampling methodology and analysis. However, occurrence rates of this issue will continue to be reported.
- The Partisol instrument should be set to record STP-normalized volume such that results can more readily be compared with GN standards. If this is not possible, recorded values of ambient average temperature and pressure will be downloaded for all sampling periods.
 - Completed – recorded values will continue to be used.
- All environment department technicians will be trained to audit the Partisol units to improve the frequency of maintenance.
 - AEM technicians were trained on troubleshooting and general operation of the instrument. Training on calibration and auditing is ongoing.
- The analytical laboratory will be contacted to review Partisol filter cartridge handling procedures to ensure minimal contamination, as measured through laboratory blanks and travel blanks.
 - Completed - the laboratory was contacted and filter handling procedures were reviewed.
- Information campaign will be undertaken to reinforce the battery recycling program at Meadowbank. Also stack testing of incinerator emissions will be undertaken to verify the source of the mercury exceedance.
 - Completed – stack testing results in 2015 indicate that efforts to reduce improper battery recycling were successful.

The following actions are identified for 2016:

- AEM will complete additional incinerator stack testing to confirm that concentrations of mercury (as well as dioxins and furans) continue to remain within Environment Canada guidelines.

SECTION 10 • REFERENCES

AEM, 2014. Meadowbank Gold Project Incinerator Waste Management Plan – Version 5. July, 2014.

AEM, 2012. 2011 Dust and Air Quality Monitoring Report. Meadowbank Gold Project. Prepared for Nunavut Impact Review Board.

Cumberland Resources Ltd. 2005. Meadowbank Gold Project Air Quality Impact Assessment Report.

Golder Associates Ltd. (Golder) 2008. Technical Memorandum. Addendum Report: Air Quality Monitoring Meadowbank Gold Project. Prepared for Agnico-Eagle Mines Ltd. May 16, 2008.

Rescan Environmental Services Ltd. (Rescan) 2009. Doris North Gold Mine Project: Air Quality Compliance Report for Section 4 Item 30 of the Project Certificate. Prepared for Hope Bay Mining Ltd. November, 2009.

Appendix A

Weather Data

Table -Apx 1. Average temperature, wind speed and wind direction for all available dates in 2015 at the Meadowbank site.

Date	Average Temperature (°C)	Minimum Temperature (°C)	Maximum Temperature (°C)	Wind Speed (m/s)	Wind Direction (deg.)
1/01/15	-27.67	-21.55	-32.24	11.33	325.4
1/02/15	-33.61	-29.94	-37.79	5.804	316.6
1/03/15	-36.9	-34.94	-37.86	6.573	317.4
1/04/15	-35.99	-30.82	-38.2	3.875	286.1
1/05/15	-29.5	-27.23	-32.24	3.003	281.1
1/06/15	-36.12	-31.57	-37.79	6.824	332.3
1/07/15	-27.23	-12.64	-37.25	8.47	291.6
1/08/15	-20.48	-13.45	-28.46	15.26	308.9
1/09/15	-26.8	-24.47	-28.58	16.5	324.2
1/10/15	-28.87	-27.64	-30.48	10.01	324.2
1/11/15	-28.57	-24.47	-34.68	4.814	338.3
1/12/15	-32.7	-22.03	-35.49	4.409	252.3
1/13/15	-26.18	-18.79	-28.85	10.19	284.5
1/14/15	-30.46	-28.31	-32.65	7.959	298.4
1/15/15	-34.72	-31.97	-37.18	4.989	305.9
1/16/15	-36.65	-35.76	-37.93	5.412	301.2
1/17/15	-37.56	-35.22	-39.96	0.94	118.7
1/18/15	-39.46	-37.52	-41.04	0.556	72.15
1/19/15	-39.72	-38.2	-41.45	1.3	150.6
1/20/15	-37.98	-36.44	-39.42	1.066	339.3
1/21/15	-34.18	-31.02	-36.98	1.167	310.5
1/22/15	-37.19	-35.35	-38.61	3.128	317.8
1/23/15	-30.63	-27.3	-35.56	5.737	80.1
1/24/15	-29.72	-26.55	-34.75	3.471	336.8
1/25/15	-35.41	-32.37	-37.18	2.084	324.2
1/26/15	-35.41	-29.13	-38.2	1.141	20.72
1/27/15	-24.28	-21.08	-29.26	2.347	210.5
1/28/15	-26.66	-23.18	-30.62	7.565	325.6
1/29/15	-34.88	-30.55	-37.52	5.135	296.9
1/30/15	-37.49	-34.94	-39.49	2.595	280.5
1/31/15	-35.84	-34	-38.2	9.3	317.9
2/01/15	-36.8	-35.22	-38.88	7.069	309.6
2/02/15	-38.58	-35.77	-40.23	1.908	332.2
2/03/15	-38	-35.15	-40.23	4.54	315.3
2/04/15	-39.17	-37.79	-40.17	9.51	309.4
2/05/15	-37.3	-34.54	-39.15	3.492	281.2
2/06/15	-33.36	-30.62	-38.61	2.47	258

Date	Average Temperature (°C)	Minimum Temperature (°C)	Maximum Temperature (°C)	Wind Speed (m/s)	Wind Direction (deg.)
2/07/15	-37.81	-35.69	-39.42	6.166	310.4
2/08/15	-38.43	-36.51	-39.69	2.757	300
2/09/15	-34.14	-31.16	-38.67	3.158	78.4
2/10/15	-37.62	-34.54	-39.15	4.596	296.2
2/11/15	-38.04	-36.17	-39.56	4.826	294.3
2/12/15	-37.8	-35.63	-39.89	3.22	259.4
2/13/15	-38.03	-36.03	-40.1	2.647	282.7
2/14/15	-37.87	-36.3	-39.28	6.823	319
2/15/15	-33.84	-28.92	-37.52	3.106	203.1
2/16/15	-29.26	-27.5	-32.38	4.545	47.88
2/17/15	-33.34	-30.96	-36.57	7.073	318.7
2/18/15	-36.71	-34.14	-38.61	6.667	321.6
2/19/15	-32.8	-27.91	-38.61	5.278	286.8
2/20/15	-33.72	-28.04	-38.61	5.85	318.8
2/21/15	-37.75	-35.49	-39.76	7.402	340.6
2/22/15	-36.81	-33.87	-38.74	4.159	293.9
2/23/15	-30.04	-25.14	-37.72	3.447	153.7
2/24/15	-30.87	-28.58	-34.01	8.39	344.8
2/25/15	-32.57	-29.13	-34.41	7.054	320.4
2/26/15	-25.83	-24.13	-29.26	8.08	304.3
2/27/15	-25.55	-22.84	-29.4	1.821	314.7
2/28/15	-21.94	-15.08	-28.92	3.994	220.8
3/01/15	-27.42	-14.87	-34.14	13.02	310.3
3/02/15	-34.61	-32.65	-36.24	9.16	313.3
3/03/15	-34.42	-29.8	-37.39	3.219	324.5
3/04/15	-33.86	-30.48	-36.57	4.027	315.7
3/05/15	-36.38	-34.55	-38.88	5.761	309.4
3/06/15	-36.32	-29.94	-39.69	1.155	287.4
3/07/15	-32.94	-29.8	-37.39	7.421	298.6
3/08/15	-31	-26.56	-36.44	4.286	300.6
3/09/15	-32.05	-28.99	-35.09	1.892	285
3/10/15	-32.05	-28.32	-35.36	1.723	79.15
3/11/15	-31.1	-28.32	-33.06	2.234	310.1
3/12/15	-32.05	-29.53	-35.22	5.366	287.8
3/13/15	-32.1	-29.13	-34.61	4.964	284.3
3/14/15	-29.77	-24.13	-34.95	2.652	98.2
3/15/15	-16.34	-11.7	-24.2	8.14	121.9
3/16/15	-18.65	-12.11	-28.58	12.51	339.2
3/17/15	-28.73	-23.99	-33.06	16.09	304.3

Date	Average Temperature (°C)	Minimum Temperature (°C)	Maximum Temperature (°C)	Wind Speed (m/s)	Wind Direction (deg.)
3/18/15	-26.56	-23.72	-28.45	18.56	312
3/19/15	-25.22	-23.18	-28.04	6.243	18.5
3/20/15	-25.71	-21.01	-29.53	5.557	344.3
3/21/15	-20.88	-19.26	-22.91	7.488	332.6
3/22/15	-23.56	-22.37	-25.14	7.953	319.3
3/23/15	-24.69	-21.83	-27.71	4.407	294.9
3/24/15	-27.42	-25.14	-30.21	5.454	300.4
3/25/15	-29.39	-25.89	-32.65	6.504	302.2
3/26/15	-24.07	-18.99	-29.8	7.51	298.8
3/27/15	-23.23	-18.32	-27.24	3.207	263.3
3/28/15	-16.95	-12.38	-24.06	4.323	307.9
3/29/15	-25.49	-21.16	-28.72	3.08	49.23
3/30/15	-29.57	-25.62	-32.92	5.182	310.4
3/31/15	-28.52	-22.37	-33.6	3.365	290.3
4/01/15	-29.12	-26.29	-32.04	3.841	291.4
4/02/15	-30.54	-27.97	-34.48	4.928	299.6
4/03/15	-30.36	-24.26	-36.1	8	339.4
4/04/15	-29.22	-26.22	-31.84	7.66	330.5
4/05/15	-30.43	-28.18	-32.92	7.733	314.3
4/06/15	-27.82	-22.98	-31.7	6.291	317.8
4/07/15	-27.77	-23.38	-31.7	5.566	308.2
4/08/15	-25.14	-19.27	-31.02	3.506	147.4
4/09/15	-18.61	-13.86	-24.74	7.717	34.39
4/10/15	-22.05	-16.9	-28.04	3.177	266.1
4/11/15	-14.91	-11.91	-18.19	7.515	102.5
4/12/15	-15.25	-10.96	-20.48	6.753	113.5
4/13/15	-12.67	-9.81	-20.89	6.334	40.69
4/14/15	-22.82	-20.41	-25.48	7.827	346.5
4/15/15	-22.55	-17.38	-28.04	6.39	275.5
4/16/15	-18.79	-13.33	-24.13	3.42	210.8
4/17/15	-10.91	-7.404	-15.35	4.54	161.3
4/18/15	-14.11	-9.4	-17.78	8.62	319.8
4/19/15	-16.34	-12.52	-19.67	3.887	290.1
4/20/15	-16.49	-12.04	-21.02	2.624	38.53
4/21/15	-19.51	-15.08	-24.4	2.615	295.1
4/22/15	-14.22	-11.03	-18.6	5.162	326.7
4/23/15	-16.68	-14.13	-19.26	6.754	350.2
4/24/15	-15.25	-9.54	-22.03	7.267	13.19
4/25/15	-6.505	-3.212	-10.89	5.309	36.3

Date	Average Temperature (°C)	Minimum Temperature (°C)	Maximum Temperature (°C)	Wind Speed (m/s)	Wind Direction (deg.)
4/26/15	-3.798	-2.671	-4.767	6.363	85.6
4/27/15	-5.349	-3.888	-8.07	4.283	274.4
4/28/15	-9.09	-6.66	-12.86	4.211	268.6
4/29/15	-9.62	-6.322	-13.6	2.157	359.8
4/30/15	-11.59	-8.19	-17.11	7.099	121.9
5/01/15	-6.316	-2.941	-8.73	10.87	127.9
5/02/15	-4.302	-2.407	-7.593	5.954	252.6
5/03/15	-9.03	-7.525	-10.62	8.46	286.6
5/04/15	-10.22	-8.05	-11.71	7.417	278.1
5/05/15	-8.74	-6.051	-11.57	10.6	329.3
5/06/15	-13.41	-10.96	-16.84	10.79	314
5/07/15	-15.93	-12.18	-20.14	5.459	310.6
5/08/15	-15.87	-10.89	-20.21	2.417	337.2
5/09/15	-14.69	-9.49	-20.94	2.346	313.1
5/10/15	-13.77	-8.34	-19.53	4.272	322.8
5/11/15	-11.12	-5.375	-18.46	2.613	202.6
5/12/15	-8.13	-3.617	-14.82	2.966	320.6
5/13/15	-4.401	1.892	-12.25	4.156	229.9
5/14/15	0.194	1.824	-3.55	10.38	298.9
5/15/15	-3.134	-0.117	-5.646	4.252	291.5
5/16/15	-2.88	-0.656	-12.99	8.75	70.11
5/17/15	-13.86	-11.57	-16.5	10.81	327.6
5/18/15	-10.75	-5.916	-14.4	6.353	298.7
5/19/15	-4.544	1.892	-12.25	4.904	209.8
5/20/15	-3.897	-0.521	-6.59	11.37	326
5/21/15	-5.303	-1.266	-9	6.236	313.4
5/22/15	-1.646	3.108	-8.47	5.254	199.2
5/23/15	-2.62	-0.255	-5.105	9.53	328.6
5/24/15	-2.163	2.703	-8.07	10.19	264.6
5/25/15	-6.836	-2.062	-11.23	11.29	310.5
5/26/15	-7.226	-3.617	-10.49	10.3	322.4
5/27/15	-5.034	-1.199	-7.389	4.781	324.6
5/28/15	-5.659	-3.888	-7.191	7.132	333
5/29/15	-5.503	-3.212	-7.268	4.676	318.3
5/30/15	-2.532	1.486	-6.457	5.35	270.4
5/31/15	1.235	4.662	-2.415	4.398	299
6/01/15	-0.135	1.351	-2.746	4.296	116.8
6/02/15	0.089	1.622	-1.334	7.741	87.5
6/03/15	0.439	1.892	-1.198	7.574	68.51

Date	Average Temperature (°C)	Minimum Temperature (°C)	Maximum Temperature (°C)	Wind Speed (m/s)	Wind Direction (deg.)
6/04/15	-0.271	0.946	-1.738	2.95	34.06
6/05/15	1.367	4.054	-0.658	2.364	4.173
6/06/15	0.827	2.365	-2.411	6.954	126.2
6/07/15	0.685	1.622	-0.052	7.262	122.9
6/08/15	0.541	1.216	0.013	6.032	141.6
6/09/15	2.095	4.257	0.272	2.585	132.5
6/10/15	2.143	4.73	0.676	3.276	120.5
6/11/15	2.738	4.865	1.081	3.741	162.4
6/12/15	4.032	7.48	1.149	5.443	135.9
6/13/15	4.068	8.74	0.541	4.873	142.7
6/14/15	6.63	11.17	2.027	1.918	109.3
6/15/15	4.364	8.07	1.486	4.308	6.617
6/16/15	2.692	6.014	0	5.691	336.2
6/17/15	3.293	5.676	0.676	4.743	339
6/18/15	3.395	6.607	0	5.832	320.7
6/19/15	4.221	6.622	1.892	4.435	287.2
6/20/15	4.538	8.34	1.486	3.394	308.8
6/21/15	4.821	6.486	3.041	2.543	311.7
6/22/15	3.686	7.145	1.216	7.366	315.9
6/23/15	4.094	7.684	1.081	7.25	313.3
6/24/15	5.15	9.15	1.824	3.041	279.5
6/25/15	4.376	7.282	1.622	5.217	255.4
6/26/15	4.974	11.92	1.757	7.564	275.8
6/27/15	5.244	9.82	1.284	4.45	333.4
6/28/15	7.37	11.11	4.189	3.626	50.07
6/29/15	8.48	12.39	3.649	4.018	0.844
6/30/15	10.23	15.95	3.176	4.735	322.1
7/01/15	11.66	16.67	4.054	3.371	325.4
7/02/15	11.25	16.54	5	2.819	303.6
7/03/15	11.17	14.28	6.178	4.597	357.4
7/04/15	11.04	16.4	4.122	1.98	243.5
7/05/15	11.63	14.55	8.47	3.061	340.4
7/06/15	11.4	15.68	5.27	3.951	178.1
7/07/15	10.09	15.54	6.404	3.583	175.9
7/08/15	6.257	8.09	4.122	6.293	316.9
7/09/15	7.653	9.82	5.524	5.711	323.3
7/10/15	7.586	10.5	5.127	4.171	106.2
7/11/15	7.9	13.61	4.459	5.356	149.4
7/12/15	9.21	13.07	5.405	2.779	269

Date	Average Temperature (°C)	Minimum Temperature (°C)	Maximum Temperature (°C)	Wind Speed (m/s)	Wind Direction (deg.)
7/13/15	9.68	13.88	4.054	6.677	320.6
7/14/15	10.11	15.08	7.139	5.115	353.4
7/15/15	13.63	19.5	7.145	2.298	248.9
7/16/15	15.16	19.77	8.48	2.741	122.3
7/17/15	14.25	19.1	9.22	3.523	75.44
7/18/15	11.33	15.09	8.47	4.419	21.95
7/19/15	8.68	10.77	6.87	4.021	52.43
7/20/15	9.81	13.2	6.994	3.643	6.042
7/21/15	10.93	15.34	5.946	2.107	250.2
7/22/15	10.86	14.01	7.537	2.429	19.6
7/23/15	14.21	19.77	7.126	4.852	123.9
7/24/15	13.41	18.42	9.49	6.756	114.1
7/25/15	10.46	12.8	8.34	7.851	105.8
7/26/15	11.03	14.28	9.01	5.217	128.3
7/27/15	13.57	16.89	10.23	3.04	198.9
7/28/15	15.78	20.18	10.23	1.352	281.8
7/29/15	15.16	17.34	12.93	2.198	19.7
7/30/15	15.63	19.91	12.66	2.756	349
7/31/15	14.29	17.9	11.24	5.321	353.9
8/01/15	13.41	17.29	10.84	8.79	13.58
8/02/15	12.74	16.76	9.01	8.81	18.21
8/03/15	13.87	19.64	8.61	6.181	34.88
8/04/15	13.71	17.48	10.23	2.625	52.24
8/05/15	12.45	16.4	9.55	2.999	115.1
8/06/15	13.69	19.91	8.28	4.028	193
8/07/15	17.22	22.74	11.92	4.578	200.2
8/08/15	15.94	22.54	10.77	6.384	195.1
8/09/15	12.63	16.55	7.005	6.188	335.3
8/10/15	8.59	13.61	4.595	4.555	17.36
8/11/15	12.68	17.48	6.622	3.498	142.7
8/12/15	13.06	17.23	9.82	8.76	151.1
8/13/15	16.5	23.26	11.92	3.648	201.3
8/14/15	11.96	15.88	9.01	7.149	353.5
8/15/15	10.6	14.42	6.081	3.865	329.6
8/16/15	9.93	13.47	6.622	5.419	312.3
8/17/15	11.02	14.15	7.282	6.288	286.3
8/18/15	7.624	10.36	5.608	7.394	313.5
8/19/15	6.099	8.61	3.378	6.23	321.1
8/20/15	9.63	14.01	6.611	3.243	157.6

Date	Average Temperature (°C)	Minimum Temperature (°C)	Maximum Temperature (°C)	Wind Speed (m/s)	Wind Direction (deg.)
8/21/15	9.49	10.77	8.27	6.736	117.4
8/22/15	9.49	14.55	5.676	6.642	104
8/23/15	9.96	14.28	5.811	3.831	46.95
8/24/15	10.42	13.94	7.141	2.458	61.36
8/25/15	9.64	12.12	7.413	2.733	75.96
8/26/15	8.55	9.89	7.143	2.746	68.09
8/27/15	8.13	10.23	6.606	2.302	36.95
8/28/15	8.46	11.99	5.943	3.05	353.8
8/29/15	8.92	12.93	4.73	1.89	35.27
8/30/15	10.55	14.82	5.676	4.535	118.1
8/31/15	9.87	12.73	7.529	8.26	150.4
9/01/15	7.006	8.74	5.946	9.11	127.2
9/02/15	6.516	7.884	5.608	6.998	112.5
9/03/15	7.321	8.88	5.811	4.832	84.3
9/04/15	7.743	11.04	5.126	4.335	50.85
9/05/15	6.721	10.3	3.514	2.85	33.81
9/06/15	7.226	11.11	3.176	2.084	181.7
9/07/15	8.11	11.99	4.257	1.891	274
9/08/15	7.746	12.12	3.243	2.014	145.9
9/09/15	8.37	11.72	6.065	4.198	221.2
9/10/15	8.53	12.93	3.851	2.495	273.4
9/11/15	9.62	13.34	5.676	4.391	185.9
9/12/15	10.19	13.79	6.614	4.125	162.3
9/13/15	9.86	13	2.297	9.1	196.9
9/14/15	1.332	2.838	0.338	17.07	310.7
9/15/15	1.495	2.77	0.473	12.73	292.8
9/16/15	1.104	2.432	-0.27	9.21	271.4
9/17/15	4.768	9.55	0.473	5.821	181.3
9/18/15	2.765	4.595	0.811	7.636	164.3
9/19/15	3.408	5.944	1.892	3.612	137.6
9/20/15	3.768	6.284	2.027	3.782	107.5
9/21/15	1.648	3.243	0	11.25	97.5
9/22/15	1.316	2.432	0.405	11.06	71.15
9/23/15	0.712	2.5	-0.794	7.425	358.9
9/24/15	-1.406	0.135	-2.549	9.24	310.6
9/25/15	-2.257	-0.401	-3.215	3.825	324.8
9/26/15	1.259	4.189	-1.064	9.18	118
9/27/15	4.928	7.735	2.027	7.281	203.2
9/28/15	2.397	4.324	0.473	3.93	203

Date	Average Temperature (°C)	Minimum Temperature (°C)	Maximum Temperature (°C)	Wind Speed (m/s)	Wind Direction (deg.)
9/29/15	-0.599	1.081	-2.611	10.81	331.5
9/30/15	-3.051	-2.002	-3.888	6.506	309.1
10/01/15	0.443	5.473	-4.158	10.37	166.6
10/02/15	5.357	10.9	1.622	6.852	245.6
10/03/15	0.04	1.757	-1.068	7.075	34.4
10/04/15	-1.728	-0.859	-3.753	7.185	349.7
10/05/15	-2.596	-1.326	-5.646	6.304	205.7
10/06/15	-1.833	-0.131	-4.158	6.785	178.1
10/07/15	-1.843	-0.054	-5.781	4.316	275.1
10/08/15	-6.912	-4.902	-10.01	3.996	280.9
10/09/15	-6.687	-5.105	-9.01	7.144	275.8
10/10/15	-6.66	-5.24	-7.931	7.919	302.2
10/11/15	-7.709	-5.849	-9.89	5.65	125.5
10/12/15	-5.536	-4.97	-6.187	6.551	109.3
10/13/15	-6.846	-4.293	-9.69	9.22	279.5
10/14/15	-9.04	-6.923	-11.17	6.337	305
10/15/15	-8.68	-7.795	-9.68	6.58	334.3
10/16/15	-10.42	-7.727	-14.14	7.794	287.3
10/17/15	-6.402	-3.955	-7.93	7.122	277.8
10/18/15	-7.331	-4.293	-11.84	3.227	296.8
10/19/15	-9.15	-7.261	-12.38	5.273	51.52
10/20/15	-10.84	-9	-12.99	9.79	337.1
10/21/15	-13.11	-11.03	-15.35	4.924	230.7
10/22/15	-12.17	-8.73	-14.47	4.145	26.27
10/23/15	-9.47	-3.144	-16.84	3.657	102.3
10/24/15	-7.459	-3.753	-14.81	8.25	23.18
10/25/15	-15.32	-13.32	-17.92	10.32	309
10/26/15	-14.27	-13.18	-15.55	11.93	294.7
10/27/15	-14.66	-13.59	-16.43	11.44	297
10/28/15	-16.93	-13.73	-18.73	2.485	271.7
10/29/15	-11.25	-8.19	-16.57	2.115	280.8
10/30/15	-16.04	-11.5	-20.01	5.075	344.2
10/31/15	-17.26	-11.16	-22.23	3.353	91.8
11/01/15	-9.35	-6.442	-13.33	7.729	113.5
11/02/15	-6.067	-4.767	-6.983	9	132.9
11/03/15	-5.389	-4.699	-8.48	5.735	99.6
11/04/15	-16.71	-8.48	-21.02	6.057	329.3
11/05/15	-17.32	-15.01	-20.62	2.209	72.65
11/06/15	-14.46	-12.79	-15.89	2.739	44.53

Date	Average Temperature (°C)	Minimum Temperature (°C)	Maximum Temperature (°C)	Wind Speed (m/s)	Wind Direction (deg.)
11/07/15	-20.25	-13.86	-23.99	4.759	321.3
11/08/15	-18.49	-16.43	-21.28	1.944	103.3
11/09/15	-23.92	-18.05	-28.05	6.481	344.4
11/10/15	-24.37	-21.55	-26.63	4.404	265.6
11/11/15	-20.8	-14.53	-26.56	6.144	158.2
11/12/15	-8.6	-5.37	-14.81	8.31	148.7
11/13/15	-7.829	-1.927	-14.81	8.7	189.7
11/14/15	-13.09	-6.834	-17.78	7.719	159.8
11/15/15	-4.554	-3.347	-7.245	11.98	137.8
11/16/15	-6.641	-4.158	-10.76	5.122	143.7
11/17/15	-11.68	-8.39	-15.75	3.937	119.6
11/18/15	-8.82	-1.589	-18.72	9.62	156
11/19/15	-20.05	-17.77	-22.91	4.247	261.1
11/20/15	-21.43	-19.93	-23.45	5.755	277.9
11/21/15	-24.28	-21.83	-27.1	5.212	286.1
11/22/15	-27.91	-24.26	-30.62	2.55	186.7
11/23/15	-22.9	-16.83	-28.85	5.417	146.5
11/24/15	-24.45	-17.44	-28.85	5.761	306.2
11/25/15	-27.03	-23.72	-28.72	2.737	239.5
11/26/15	-25.63	-22.5	-31.57	3.373	271.5
11/27/15	-32.15	-30.68	-34	1.587	282
11/28/15	-33.44	-31.7	-34.55	1.13	326.7
11/29/15	-28.22	-22.98	-33.67	1.168	145.7
11/30/15	-19.63	-17.77	-23.52	2.973	198
12/01/15	-22.99	-17.5	-28.18	3.057	1.67
12/02/15	-31.48	-27.77	-34.01	2.733	316.1
12/03/15	-34.12	-31.09	-36.57	1.396	75.53
12/04/15	-30.4	-27.23	-33.06	2.308	14
12/05/15	-29.22	-26.55	-33.19	1.725	78.7
12/06/15	-25.32	-21.42	-28.58	4.792	80.7
12/07/15	-19.69	-18.31	-21.62	2.212	119.5
12/08/15	-15.31	-10.35	-21.28	7.8	145
12/09/15	-8.07	-6.497	-10.49	10.72	163.8
12/10/15	-25.44	-7.377	-31.5	9.61	338.3
12/11/15	-31.19	-28.24	-32.79	5.964	332.6
12/12/15	-34.33	-31.29	-36.64	1.792	316.1
12/13/15	-34.41	-31.57	-36.64	1.202	48.73
12/14/15	-24.49	-19.79	-33.19	4.288	112.9
12/15/15	-18.99	-16.02	-23.45	7.121	131

Date	Average Temperature (°C)	Minimum Temperature (°C)	Maximum Temperature (°C)	Wind Speed (m/s)	Wind Direction (deg.)
12/16/15	-18.48	-17.1	-20.27	8.16	127.9
12/17/15	-14.49	-11.56	-17.84	4.888	81.4
12/18/15	-15.77	-11.29	-19.67	3.413	20.98
12/19/15	-27.81	-19.26	-34.81	5.458	347.4
12/20/15	-36.98	-34.54	-39.42	1.872	287.4
12/21/15	-30.13	-25.2	-37.39	4.735	160
12/22/15	-22.95	-17.91	-26.56	6.748	166.2
12/23/15	-17.92	-16.82	-18.52	3.819	139.3
12/24/15	-25.54	-18.45	-30.48	8.2	344.4
12/25/15	-34.55	-29.53	-36.57	9.19	339.1
12/26/15	-35.65	-34.4	-36.57	6.892	308.8
12/27/15	-35.97	-34.13	-37.52	5.844	309.8
12/28/15	-35.73	-34.54	-36.84	3.598	279.4
12/29/15	-35.73	-33.32	-37.66	2.817	218.8
12/30/15	-28.41	-25.88	-33.8	6.441	219.4
12/31/15	-27.42	-25.75	-30.01	2.671	176.1

Appendix B

2015 Laboratory Certificates

Your P.O. #: 90762
Your Project #: PM2.5/10/TSP
Site Location: BAKER LAKE, NU

Attention:MEADOWBANK ENVIRONMENT

Agnico Eagle Mines Ltd.
Meadowbank Division
10200, Route du Preissac
Rouyn-Noranda, QC
CANADA J0Y 1C0

Report Date: 2015/01/27
Report #: R1793478
Version: 1 - Final

CERTIFICATE OF ANALYSIS

MAXXAM JOB #: B505230

Received: 2015/01/22, 09:57

Sample Matrix: Filter
Samples Received: 33

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Analytical Method
Mass Determination(ug/filter)	33	N/A	2015/01/27	PTC SOP-00151	EPA 2.12 Monitoring

* RPDs calculated using raw data. The rounding of final results may result in the apparent difference.

Encryption Key

Please direct all questions regarding this Certificate of Analysis to your Project Manager.

Levi Manchak, Customer Service

Email: LManchak@maxxam.ca

Phone# (780) 378-8500

=====

Maxxam has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per section 5.10.2 of ISO/IEC 17025:2005(E), signing the reports. For Service Group specific validation please refer to the Validation Signature Page.

Maxxam Job #: B505230
Report Date: 2015/01/27

Agnico Eagle Mines Ltd.
Client Project #: PM2.5/10/TSP
Site Location: BAKER LAKE, NU
Your P.O. #: 90762

RESULTS OF CHEMICAL ANALYSES OF FILTER

Maxxam ID		LN9681	LN9682	LN9683	LN9684	LN9685		
Sampling Date		2014/12/01	2014/12/07	2014/12/13	2014/12/19	2014/12/25		
	Units	PM2.5 RP46685	PM2.5 RP9937	PM2.5 RP54425	PM2.5 RP9918	PM2.5 RP15236	RDL	QC Batch

PM2.5/10

Particulate Matter	ug/filter	13	12	17	20	15	3	7789188
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RDL = Reportable Detection Limit

Maxxam ID		LN9686	LN9687	LN9688	LN9689	LN9690		
Sampling Date		2014/12/31	2015/01/06	2015/01/12	2014/12/01	2014/12/01		
	Units	PM2.5 RP868	PM2.5 RP17815	PM2.5 RP10349	PM2.5 RP17830	PM10 RP12398	RDL	QC Batch

PM2.5/10

Particulate Matter	ug/filter	16	8	21	19	73	3	7789188
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RDL = Reportable Detection Limit

Maxxam ID		LN9691	LN9692	LN9693	LN9694	LN9695		
Sampling Date		2014/12/07	2014/12/13	2014/12/19	2014/12/25	2014/12/31		
	Units	PM10 RP10306	PM10 RP22207	PM10 RP865	PM10 RP17873	PM10 RP16505	RDL	QC Batch

PM2.5/10

Particulate Matter	ug/filter	54	67	74	152	72	3	7789188
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RDL = Reportable Detection Limit

Maxxam ID		LN9696	LN9697	LN9698	LN9699	LN9700	LN9701		
Sampling Date		2015/01/06			2014/12/01	2014/12/07	2014/12/13		
	Units	PM10 RP10063	TSP RP84364	PM10 RP27429	TSP RP84373	TSP RP15480	TSP RP15532	RDL	QC Batch

PM2.5/10

Particulate Matter	ug/filter	71	43	22	75	70	138	3	7789188
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RDL = Reportable Detection Limit

Maxxam ID		LN9702	LN9703	LN9704	LN9826	LN9827	LN9828		
Sampling Date		2014/12/19	2014/12/25	2014/12/31	2015/01/06	2015/01/12	2014/12/01		
	Units	TSP RP9927	TSP RP91292	TSP RP15529	TSP RP46619	TSP RP10311	TSP RP883	RDL	QC Batch

PM2.5/10

Particulate Matter	ug/filter	95	57	84	80	71	179	3	7789188
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RDL = Reportable Detection Limit

Maxxam Job #: B505230
Report Date: 2015/01/27

Agnico Eagle Mines Ltd.
Client Project #: PM2.5/10/TSP
Site Location: BAKER LAKE, NU
Your P.O. #: 90762

RESULTS OF CHEMICAL ANALYSES OF FILTER

Maxxam ID		LN9829	LN9830	LN9831		LN9832	LN9833		
Sampling Date		2014/12/07	2014/12/13	2014/12/19		2014/12/25			
	Units	TSP RP46115	TSP RP18848	TSP RP10078	QC Batch	TSP RP27805	TRAVEL BLANK RP9904	RDL	QC Batch
PM2.5/10									
Particulate Matter	ug/filter	225	376	169	7789188	741	<3	3	7789189
RDL = Reportable Detection Limit									

Maxxam ID		LN9834		
Sampling Date				
	Units	LAB BLANK	RDL	QC Batch
PM2.5/10				
Particulate Matter	ug/filter	<3	3	7789189
RDL = Reportable Detection Limit				

Maxxam Job #: B505230
Report Date: 2015/01/27

Agnico Eagle Mines Ltd.
Client Project #: PM2.5/10/TSP
Site Location: BAKER LAKE, NU
Your P.O. #: 90762

GENERAL COMMENTS

TSP RP46115 (LN9829), TSP RP883 (LN9828) and PM2.5 RP46685 (LN9681) received to the Lab with small rips on filters. SS

Results relate only to the items tested.

Maxxam Job #: B505230
Report Date: 2015/01/27

Agnico Eagle Mines Ltd.
Client Project #: PM2.5/10/TSP
Site Location: BAKER LAKE, NU
Your P.O. #: 90762

VALIDATION SIGNATURE PAGE

The analytical data and all QC contained in this report were reviewed and validated by the following individual(s).



Darren Funnell, Analyst I

Maxxam has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per section 5.10.2 of ISO/IEC 17025:2005(E), signing the reports. For Service Group specific validation please refer to the Validation Signature Page.

Your P.O. #: 90762
Your Project #: 2014/12/14 - 2015/01/18
Site Location: BAKER LAKE, NU

Attention:MEADOWBANK ENVIRONMENT

Agnico Eagle Mines Ltd.
Meadowbank Division
10200, Route du Preissac
Rouyn-Noranda, QC
CANADA J0Y 1C0

Report Date: 2015/01/28
Report #: R1794255
Version: 1 - Final

CERTIFICATE OF ANALYSIS

MAXXAM JOB #: B505354

Received: 2015/01/22, 12:38

Sample Matrix: Air
Samples Received: 3

Analyses	Date		Date Analyzed	Laboratory Method	Analytical Method
	Quantity	Extracted			
NO2 Passive Analysis (1)	2	2015/01/27	2015/01/28	PTC SOP-00148	Passive NO2 in ATM
Raw NO2 Passive Analysis	1	2015/01/27	2015/01/27	PTC SOP-00148	Tang Passive NO2 in

* RPDs calculated using raw data. The rounding of final results may result in the apparent difference.

(1) The detection limit is based on a 30 day sampling period.

Encryption Key

Please direct all questions regarding this Certificate of Analysis to your Project Manager.

Levi Manchak, Customer Service

Email: LManchak@maxxam.ca

Phone# (780) 378-8500

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Maxxam has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per section 5.10.2 of ISO/IEC 17025:2005(E), signing the reports. For Service Group specific validation please refer to the Validation Signature Page.

Maxxam Job #: B505354
Report Date: 2015/01/28

Agnico Eagle Mines Ltd.
Client Project #: 2014/12/14 - 2015/01/18
Site Location: BAKER LAKE, NU
Your P.O. #: 90762

RESULTS OF CHEMICAL ANALYSES OF AIR

Maxxam ID		LO0352	LO0353		LO0354	
Sampling Date		2014/12/14 14:26	2014/12/14 14:52			
	Units	NO2: 1	NO2: 2	RDL	NO2: BLANK	QC Batch
Passive Monitoring						
Calculated NO2	ppb	0.8	3.3	0.1		7789137
NO2	ppm				0.04	7789138
RDL = Reportable Detection Limit						

Maxxam Job #: B505354
Report Date: 2015/01/28

Agnico Eagle Mines Ltd.
Client Project #: 2014/12/14 - 2015/01/18
Site Location: BAKER LAKE, NU
Your P.O. #: 90762

GENERAL COMMENTS

Results relate only to the items tested.

Maxxam Job #: B505354
Report Date: 2015/01/28

Agnico Eagle Mines Ltd.
Client Project #: 2014/12/14 - 2015/01/18
Site Location: BAKER LAKE, NU
Your P.O. #: 90762

QUALITY ASSURANCE REPORT

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	Units	QC Limits
7789137	SS6	Spiked Blank	Calculated NO2	2015/01/27		96	%	90 - 110
7789137	SS6	Method Blank	Calculated NO2	2015/01/27	<0.1		ppb	
<p>Spiked Blank: A blank matrix sample to which a known amount of the analyte, usually from a second source, has been added. Used to evaluate method accuracy.</p> <p>Method Blank: A blank matrix containing all reagents used in the analytical procedure. Used to identify laboratory contamination.</p>								

Maxxam Job #: B505354
Report Date: 2015/01/28

Agnico Eagle Mines Ltd.
Client Project #: 2014/12/14 - 2015/01/18
Site Location: BAKER LAKE, NU
Your P.O. #: 90762

VALIDATION SIGNATURE PAGE

The analytical data and all QC contained in this report were reviewed and validated by the following individual(s).



Linda Lin, Supervisor, Centre for Passive Sampling Technology

Maxxam has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per section 5.10.2 of ISO/IEC 17025:2005(E), signing the reports. For Service Group specific validation please refer to the Validation Signature Page.

Your P.O. #: 90762
Your Project #: 2014/12/14 - 2015/01/18
Site Location: BAKER LAKE, NU

Attention:MEADOWBANK ENVIRONMENT

Agnico Eagle Mines Ltd.
Meadowbank Division
10200, Route du Preissac
Rouyn-Noranda, QC
CANADA J0Y 1C0

Report Date: 2015/01/28
Report #: R1794426
Version: 1 - Final

CERTIFICATE OF ANALYSIS

MAXXAM JOB #: B505358

Received: 2015/01/22, 12:45

Sample Matrix: Air
Samples Received: 4

Analyses	Quantity	Date	Date	Laboratory Method	Analytical Method
		Extracted	Analyzed		
Determination of Dustfall-mg/cm2/30 days	4	2015/01/27	2015/01/27	PTC SOP-00180	
Total & Fixed Dustfall	4	2015/01/27	2015/01/27	PTC SOP-00180	AMD 32020
Exposure (Number of days)	4	2015/01/27	2015/01/27	PTC SOP-00146, PTC SOP-00154, PTC SOP-00180	

* RPDs calculated using raw data. The rounding of final results may result in the apparent difference.

Encryption Key

Please direct all questions regarding this Certificate of Analysis to your Project Manager.

Levi Manchak, Customer Service

Email: LManchak@maxxam.ca

Phone# (780) 378-8500

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Maxxam has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per section 5.10.2 of ISO/IEC 17025:2005(E), signing the reports. For Service Group specific validation please refer to the Validation Signature Page.

Maxxam Job #: B505358
Report Date: 2015/01/28

Agnico Eagle Mines Ltd.
Client Project #: 2014/12/14 - 2015/01/18
Site Location: BAKER LAKE, NU
Your P.O. #: 90762

RESULTS OF CHEMICAL ANALYSES OF AIR

Maxxam ID		LO0364	LO0365	LO0366	LO0367		
Sampling Date		2014/12/14	2014/12/14	2014/12/14	2014/12/14		
	Units	1	2	3	4	RDL	QC Batch
Industrial							
Exposure	days	35	35	35	35	1	7790309
Dustfall Determination							
Total Dustfall	mg	7	18	16	4	1	7790306
Total Dustfall (30 day)	mg/cm2/30day	0.073	0.184	0.164	0.037	0.001	7790307
Total Fixed Dustfall	mg	4	15	14	2	1	7790306
Total Fixed Dustfall (30 day)	mg/cm2/30day	0.044	0.162	0.145	0.022	0.001	7790307
RDL = Reportable Detection Limit							

Maxxam Job #: B505358
Report Date: 2015/01/28

Agnico Eagle Mines Ltd.
Client Project #: 2014/12/14 - 2015/01/18
Site Location: BAKER LAKE, NU
Your P.O. #: 90762

GENERAL COMMENTS

Results relate only to the items tested.

Maxxam Job #: B505358
Report Date: 2015/01/28

Agnico Eagle Mines Ltd.
Client Project #: 2014/12/14 - 2015/01/18
Site Location: BAKER LAKE, NU
Your P.O. #: 90762

QUALITY ASSURANCE REPORT

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	Units	QC Limits
7790306	SSZ	Method Blank	Total Dustfall	2015/01/27	<1		mg	
			Total Fixed Dustfall	2015/01/27	<1		mg	
7790306	SSZ	RPD [LO0365-01]	Total Dustfall	2015/01/27	0		%	N/A
			Total Fixed Dustfall	2015/01/27	0		%	N/A

N/A = Not Applicable

Duplicate: Paired analysis of a separate portion of the same sample. Used to evaluate the variance in the measurement.

Method Blank: A blank matrix containing all reagents used in the analytical procedure. Used to identify laboratory contamination.

Maxxam Job #: B505358
Report Date: 2015/01/28

Agnico Eagle Mines Ltd.
Client Project #: 2014/12/14 - 2015/01/18
Site Location: BAKER LAKE, NU
Your P.O. #: 90762

VALIDATION SIGNATURE PAGE

The analytical data and all QC contained in this report were reviewed and validated by the following individual(s).



Linda Lin, Supervisor, Centre for Passive Sampling Technology

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Your P.O. #: 428049
Your Project #: PM2.5/10/TSP
Site Location: BAKER LAKE, NU

Attention:MEADOWBANK ENVIRONMENT

Agnico Eagle Mines Ltd.
Meadowbank Division
10200, Route du Preissac
Rouyn-Noranda, QC
CANADA J0Y 1C0

Report Date: 2015/03/10
Report #: R1817696
Version: 1 - Final

CERTIFICATE OF ANALYSIS

MAXXAM JOB #: B517005

Received: 2015/03/03, 10:52

Sample Matrix: Filter
Samples Received: 42

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Analytical Method
Mass Determination(ug/filter)	42	N/A	2015/03/09	PTC SOP-00151	EPA 2.12 Monitoring

* RPDs calculated using raw data. The rounding of final results may result in the apparent difference.

Encryption Key

Please direct all questions regarding this Certificate of Analysis to your Project Manager.

Levi Manchak, Customer Service

Email: LManchak@maxxam.ca

Phone# (780) 378-8500

=====

Maxxam has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per section 5.10.2 of ISO/IEC 17025:2005(E), signing the reports. For Service Group specific validation please refer to the Validation Signature Page.

Maxxam Job #: B517005
Report Date: 2015/03/10

Agnico Eagle Mines Ltd.
Client Project #: PM2.5/10/TSP
Site Location: BAKER LAKE, NU
Your P.O. #: 428049

RESULTS OF CHEMICAL ANALYSES OF FILTER

Maxxam ID		LU3823	LU3824	LU3825	LU3826	LU3827		
Sampling Date		2015/01/18	2015/01/24	2015/01/30	2015/02/05	2015/02/11		
	Units	PM2.5 RP17833	PM2.5 RP15521	PM2.5 RP15540	PM2.5 RP17823	PM2.5 RP98000	RDL	QC Batch

PM2.5/10								
Particulate Matter	ug/filter	5	5	11	11	5	3	7830289
RDL = Reportable Detection Limit								

Maxxam ID		LU3828	LU3829	LU3830	LU3831	LU3832		
Sampling Date		2015/02/17	2015/01/24	2015/01/30	2015/02/05	2015/02/11		
	Units	PM2.5 RP4234	PM2.5 RP91293	PM2.5 RP914	PM2.5 RP15518	PM2.5 RP76193	RDL	QC Batch

PM2.5/10								
Particulate Matter	ug/filter	12	24	37	27	37	3	7830289
RDL = Reportable Detection Limit								

Maxxam ID		LU3833	LU3834	LU3835	LU3836	LU3837	LU3838		
Sampling Date		2015/02/17	2015/01/18	2015/01/24	2015/01/30	2015/02/05	2015/02/11		
	Units	PM2.5 RP1563	PM10 RP13792	PM10 RP17819	PM10 RP929	PM10 RP10304	PM10 RP82055	RDL	QC Batch

PM2.5/10									
Particulate Matter	ug/filter	35	43	33	55	88	79	3	7830289
RDL = Reportable Detection Limit									

Maxxam ID		LU3839	LU3840	LU3841	LU3842	LU3843		
Sampling Date		2015/02/17	2015/01/24	2015/01/30	2015/02/05	2015/02/11		
	Units	PM10 RP82054	PM10 RP89946	PM10 RP15519	PM10 RP51140	PM10 RP82070	RDL	QC Batch

PM2.5/10								
Particulate Matter	ug/filter	59	22	18	22	4	3	7830289
RDL = Reportable Detection Limit								

Maxxam ID		LU3844	LU3845	LU3846	LU3847	LU3848	LU3849		
Sampling Date		2015/02/17	2015/01/18	2015/01/24	2015/01/30	2015/02/05	2015/02/11		
	Units	PM10 RP17880	TSP RP9947	TSP RP15553	TSP RP15546	TSP RP71615	TSP RP14350	RDL	QC Batch

PM2.5/10									
Particulate Matter	ug/filter	14	64	54	73	117	121	3	7830289
RDL = Reportable Detection Limit									

Maxxam Job #: B517005
Report Date: 2015/03/10

Agnico Eagle Mines Ltd.
Client Project #: PM2.5/10/TSP
Site Location: BAKER LAKE, NU
Your P.O. #: 428049

RESULTS OF CHEMICAL ANALYSES OF FILTER

Maxxam ID		LU3850	LU3851	LU3852		LU3853	LU3854	LU3855		
Sampling Date		2015/02/17	2015/01/24	2015/01/30		2014/12/01	2014/12/07	2014/12/13		
	Units	TSP RP27773	TSP RP76204	TSP RP13060	QC Batch	TSP RP877	TSP RP22621	TSP RP919	RDL	QC Batch

PM2.5/10

Particulate Matter	ug/filter	85	52	65	7830289	117	123	113	3	7830290
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RDL = Reportable Detection Limit

Maxxam ID		LU3911	LU3912	LU4396	LU4398		
Sampling Date							
	Units	TRAVEL BLANK RP15506	BLANK	VOID SAMPLE RP13783	VOID SAMPLE RP053332	RDL	QC Batch

PM2.5/10

Particulate Matter	ug/filter	7	<3	NA	NA	3	7830290
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RDL = Reportable Detection Limit

Maxxam ID		LU4399	LU4400	LU4401		
Sampling Date						
	Units	VOID SAMPLE RP058031	VOID SAMPLE RP22893	VOID SAMPLE RP038948	RDL	QC Batch

PM2.5/10

Particulate Matter	ug/filter	NA	NA	NA	3	7830290
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RDL = Reportable Detection Limit

Maxxam ID		LU4402	LU4403		
Sampling Date					
	Units	VOID SAMPLE RP090584	VOID SAMPLE RP00930	RDL	QC Batch

PM2.5/10

Particulate Matter	ug/filter	NA	NA	3	7830290
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RDL = Reportable Detection Limit

Maxxam Job #: B517005
Report Date: 2015/03/10

Agnico Eagle Mines Ltd.
Client Project #: PM2.5/10/TSP
Site Location: BAKER LAKE, NU
Your P.O. #: 428049

GENERAL COMMENTS

Results relate only to the items tested.

Maxxam Job #: B517005
Report Date: 2015/03/10

Agnico Eagle Mines Ltd.
Client Project #: PM2.5/10/TSP
Site Location: BAKER LAKE, NU
Your P.O. #: 428049

VALIDATION SIGNATURE PAGE

The analytical data and all QC contained in this report were reviewed and validated by the following individual(s).



Linda Lin, Supervisor, Centre for Passive Sampling Technology

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Your P.O. #: 428049
Your Project #: 2015/01/18 - 2015/02/21
Site Location: BAKER LAKE, NU

Attention:MEADOWBANK ENVIRONMENT

Agnico Eagle Mines Ltd.
Meadowbank Division
10200, Route du Preissac
Rouyn-Noranda, QC
CANADA J0Y 1C0

Report Date: 2015/03/09
Report #: R1816626
Version: 1 - Final

CERTIFICATE OF ANALYSIS

MAXXAM JOB #: B517032

Received: 2015/03/03, 11:23

Sample Matrix: Air
Samples Received: 3

Analyses	Date		Date Analyzed	Laboratory Method	Analytical Method
	Quantity	Extracted			
NO2 Passive Analysis (1)	2	2015/03/06	2015/03/09	PTC SOP-00148	Passive NO2 in ATM
Raw NO2 Passive Analysis	1	2015/03/06	2015/03/06	PTC SOP-00148	Tang Passive NO2 in

* RPDs calculated using raw data. The rounding of final results may result in the apparent difference.

(1) The detection limit is based on a 30 day sampling period.

Encryption Key

Please direct all questions regarding this Certificate of Analysis to your Project Manager.

Levi Manchak, Customer Service

Email: LManchak@maxxam.ca

Phone# (780) 378-8500

=====

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Maxxam Job #: B517032
Report Date: 2015/03/09

Agnico Eagle Mines Ltd.
Client Project #: 2015/01/18 - 2015/02/21
Site Location: BAKER LAKE, NU
Your P.O. #: 428049

RESULTS OF CHEMICAL ANALYSES OF AIR

Maxxam ID		LU3973	LU3974		LU3975	
Sampling Date		2015/01/18 14:55	2015/01/18 13:27			
	Units	NO2: 1	NO2: 2	RDL	NO2: BLANK	QC Batch
Passive Monitoring						
Calculated NO2	ppb	0.7	1.4	0.1		7827869
NO2	ppm				0.05	7827872
RDL = Reportable Detection Limit						

Maxxam Job #: B517032
Report Date: 2015/03/09

Agnico Eagle Mines Ltd.
Client Project #: 2015/01/18 - 2015/02/21
Site Location: BAKER LAKE, NU
Your P.O. #: 428049

GENERAL COMMENTS

Results relate only to the items tested.

Maxxam Job #: B517032
Report Date: 2015/03/09

Agnico Eagle Mines Ltd.
Client Project #: 2015/01/18 - 2015/02/21
Site Location: BAKER LAKE, NU
Your P.O. #: 428049

QUALITY ASSURANCE REPORT

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	Units	QC Limits
7827869	SS6	Spiked Blank	Calculated NO2	2015/03/06		100	%	90 - 110
7827869	SS6	Method Blank	Calculated NO2	2015/03/06	<0.1		ppb	
<p>Spiked Blank: A blank matrix sample to which a known amount of the analyte, usually from a second source, has been added. Used to evaluate method accuracy.</p> <p>Method Blank: A blank matrix containing all reagents used in the analytical procedure. Used to identify laboratory contamination.</p>								

Maxxam Job #: B517032
Report Date: 2015/03/09

Agnico Eagle Mines Ltd.
Client Project #: 2015/01/18 - 2015/02/21
Site Location: BAKER LAKE, NU
Your P.O. #: 428049

VALIDATION SIGNATURE PAGE

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Your P.O. #: 428049
Your Project #: 2015/01/18 - 2015/02/21
Site Location: BAKER LAKE, NU

Attention:MEADOWBANK ENVIRONMENT

Agnico Eagle Mines Ltd.
Meadowbank Division
10200, Route du Preissac
Rouyn-Noranda, QC
CANADA J0Y 1C0

Report Date: 2015/03/07
Report #: R1815852
Version: 1 - Final

CERTIFICATE OF ANALYSIS

MAXXAM JOB #: B517036
Received: 2015/03/03, 11:26

Sample Matrix: Air
Samples Received: 4

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Analytical Method
Determination of Dustfall-mg/cm2/30 days	4	2015/03/06	2015/03/06	PTC SOP-00180	
Total & Fixed Dustfall	4	2015/03/06	2015/03/06	PTC SOP-00180	AMD 32020
Exposure (Number of days)	4	2015/03/06	2015/03/06	PTC SOP-00146, PTC SOP-00154, PTC SOP-00180	

* RPDs calculated using raw data. The rounding of final results may result in the apparent difference.

Encryption Key

Please direct all questions regarding this Certificate of Analysis to your Project Manager.

Levi Manchak, Customer Service

Email: LManchak@maxxam.ca

Phone# (780) 378-8500

=====

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Maxxam Job #: B517036
Report Date: 2015/03/07

Agnico Eagle Mines Ltd.
Client Project #: 2015/01/18 - 2015/02/21
Site Location: BAKER LAKE, NU
Your P.O. #: 428049

RESULTS OF CHEMICAL ANALYSES OF AIR

Maxxam ID		LU3994	LU3995	LU3996	LU3997		
Sampling Date		2015/01/18	2015/01/18	2015/01/18	2015/01/18		
	Units	1	2	3	4	RDL	QC Batch
Industrial							
Exposure	days	34	34	34	34	1	7828172
Dustfall Determination							
Total Dustfall	mg	7	16	43	7	1	7828326
Total Dustfall (30 day)	mg/cm2/30day	0.078	0.175	0.467	0.078	0.001	7828327
Total Fixed Dustfall	mg	7	15	42	7	1	7828326
Total Fixed Dustfall (30 day)	mg/cm2/30day	0.078	0.165	0.457	0.078	0.001	7828327
RDL = Reportable Detection Limit							

Maxxam Job #: B517036
Report Date: 2015/03/07

Agnico Eagle Mines Ltd.
Client Project #: 2015/01/18 - 2015/02/21
Site Location: BAKER LAKE, NU
Your P.O. #: 428049

GENERAL COMMENTS

Results relate only to the items tested.

Maxxam Job #: B517036
Report Date: 2015/03/07

Agnico Eagle Mines Ltd.
Client Project #: 2015/01/18 - 2015/02/21
Site Location: BAKER LAKE, NU
Your P.O. #: 428049

QUALITY ASSURANCE REPORT

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	Units	QC Limits
7828326	OZ	Method Blank	Total Dustfall	2015/03/06	<1		mg	
			Total Fixed Dustfall	2015/03/06	<1		mg	
7828326	OZ	RPD [LU3994-01]	Total Dustfall	2015/03/06	0		%	N/A
			Total Fixed Dustfall	2015/03/06	12		%	N/A

N/A = Not Applicable

Duplicate: Paired analysis of a separate portion of the same sample. Used to evaluate the variance in the measurement.

Method Blank: A blank matrix containing all reagents used in the analytical procedure. Used to identify laboratory contamination.

Maxxam Job #: B517036
Report Date: 2015/03/07

Agnico Eagle Mines Ltd.
Client Project #: 2015/01/18 - 2015/02/21
Site Location: BAKER LAKE, NU
Your P.O. #: 428049

VALIDATION SIGNATURE PAGE

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Darren Funnell, Analyst I

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Your P.O. #: 428049
Your Project #: 2015/02/21 - 2015/03/22
Site Location: BAKER LAKE, NU

Attention:MEADOWBANK ENVIRONMENT

Agnico Eagle Mines Ltd.
Meadowbank Division
10200, Route du Preissac
Rouyn-Noranda, QC
CANADA J0Y 1C0

Report Date: 2015/04/06
Report #: R1840317
Version: 1 - Final

CERTIFICATE OF ANALYSIS

MAXXAM JOB #: B525455

Received: 2015/03/30, 14:20

Sample Matrix: Air
Samples Received: 3

Analyses	Date		Date Analyzed	Laboratory Method	Analytical Method
	Quantity	Extracted			
NO2 Passive Analysis (1)	2	2015/04/06	2015/04/06	PTC SOP-00148	Passive NO2 in ATM
Raw NO2 Passive Analysis	1	2015/04/06	2015/04/06	PTC SOP-00148	Tang Passive NO2 in

* RPDs calculated using raw data. The rounding of final results may result in the apparent difference.

(1) The detection limit is based on a 30 day sampling period.

Encryption Key

Please direct all questions regarding this Certificate of Analysis to your Project Manager.

Levi Manchak, Customer Service

Email: LManchak@maxxam.ca

Phone# (780) 378-8500

=====

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Maxxam Job #: B525455
Report Date: 2015/04/06

Agnico Eagle Mines Ltd.
Client Project #: 2015/02/21 - 2015/03/22
Site Location: BAKER LAKE, NU
Your P.O. #: 428049

RESULTS OF CHEMICAL ANALYSES OF AIR

Maxxam ID		LY9039	LY9040		LY9041	
Sampling Date		2015/02/21 11:05	2015/02/21 09:52			
	Units	NO2: 1	NO2: 2	RDL	NO2: BLANK	QC Batch
Passive Monitoring						
Calculated NO2	ppb	<0.1	0.9	0.1		7855883
NO2	ppm				0.10	7855884
RDL = Reportable Detection Limit						

Maxxam Job #: B525455
Report Date: 2015/04/06

Agnico Eagle Mines Ltd.
Client Project #: 2015/02/21 - 2015/03/22
Site Location: BAKER LAKE, NU
Your P.O. #: 428049

GENERAL COMMENTS

Results relate only to the items tested.

Maxxam Job #: B525455
Report Date: 2015/04/06

Agnico Eagle Mines Ltd.
Client Project #: 2015/02/21 - 2015/03/22
Site Location: BAKER LAKE, NU
Your P.O. #: 428049

QUALITY ASSURANCE REPORT

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	Units	QC Limits
7855883	SS6	Spiked Blank	Calculated NO2	2015/04/06		95	%	90 - 110
7855883	SS6	Method Blank	Calculated NO2	2015/04/06	<0.1		ppb	
<p>Spiked Blank: A blank matrix sample to which a known amount of the analyte, usually from a second source, has been added. Used to evaluate method accuracy.</p> <p>Method Blank: A blank matrix containing all reagents used in the analytical procedure. Used to identify laboratory contamination.</p>								

Maxxam Job #: B525455
Report Date: 2015/04/06

Agnico Eagle Mines Ltd.
Client Project #: 2015/02/21 - 2015/03/22
Site Location: BAKER LAKE, NU
Your P.O. #: 428049

VALIDATION SIGNATURE PAGE

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Linda Lin, Supervisor, Centre for Passive Sampling Technology

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Your P.O. #: 428049
Your Project #: 2015/02/21 - 2015/03/22
Site Location: BAKER LAKE, NU

Attention:MEADOWBANK ENVIRONMENT

Agnico Eagle Mines Ltd.
Meadowbank Division
10200, Route du Preissac
Rouyn-Noranda, QC
CANADA J0Y 1C0

Report Date: 2015/04/06
Report #: R1840244
Version: 1 - Final

CERTIFICATE OF ANALYSIS

MAXXAM JOB #: B525461

Received: 2015/03/30, 14:24

Sample Matrix: Air
Samples Received: 4

Analyses	Quantity	Date	Date	Laboratory Method	Analytical Method
		Extracted	Analyzed		
Determination of Dustfall-mg/cm2/30 days	4	2015/04/06	2015/04/06	PTC SOP-00180	
Total & Fixed Dustfall	4	2015/04/06	2015/04/06	PTC SOP-00180	AMD 32020
Exposure (Number of days)	4	2015/04/06	2015/04/06	PTC SOP-00146, PTC SOP-00154, PTC SOP-00180	

* RPDs calculated using raw data. The rounding of final results may result in the apparent difference.

Encryption Key

Please direct all questions regarding this Certificate of Analysis to your Project Manager.

Levi Manchak, Customer Service

Email: LManchak@maxxam.ca

Phone# (780) 378-8500

=====

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Maxxam Job #: B525461
Report Date: 2015/04/06

Agnico Eagle Mines Ltd.
Client Project #: 2015/02/21 - 2015/03/22
Site Location: BAKER LAKE, NU
Your P.O. #: 428049

RESULTS OF CHEMICAL ANALYSES OF AIR

Maxxam ID		LY9081	LY9082	LY9083	LY9084		
Sampling Date		2015/02/21	2015/02/21	2015/02/21	2015/02/21		
	Units	1	2	3	4	RDL	QC Batch
Industrial							
Exposure	days	29	29	29	29	1	7855936
Dustfall Determination							
Total Dustfall	mg	18	14	19	1	1	7855933
Total Dustfall (30 day)	mg/cm2/30day	0.228	0.175	0.243	0.015	0.001	7855934
Total Fixed Dustfall	mg	17	13	18	1	1	7855933
Total Fixed Dustfall (30 day)	mg/cm2/30day	0.213	0.160	0.228	0.015	0.001	7855934
RDL = Reportable Detection Limit							

Maxxam Job #: B525461
Report Date: 2015/04/06

Agnico Eagle Mines Ltd.
Client Project #: 2015/02/21 - 2015/03/22
Site Location: BAKER LAKE, NU
Your P.O. #: 428049

GENERAL COMMENTS

Results relate only to the items tested.

Maxxam Job #: B525461
Report Date: 2015/04/06

Agnico Eagle Mines Ltd.
Client Project #: 2015/02/21 - 2015/03/22
Site Location: BAKER LAKE, NU
Your P.O. #: 428049

QUALITY ASSURANCE REPORT

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	Units	QC Limits
7855933	OZ	Method Blank	Total Dustfall	2015/04/06	<1		mg	
			Total Fixed Dustfall	2015/04/06	<1		mg	
7855933	OZ	RPD [LY9081-01]	Total Dustfall	2015/04/06	3.4		%	N/A
			Total Fixed Dustfall	2015/04/06	3.6		%	N/A

N/A = Not Applicable

Duplicate: Paired analysis of a separate portion of the same sample. Used to evaluate the variance in the measurement.

Method Blank: A blank matrix containing all reagents used in the analytical procedure. Used to identify laboratory contamination.

Maxxam Job #: B525461
Report Date: 2015/04/06

Agnico Eagle Mines Ltd.
Client Project #: 2015/02/21 - 2015/03/22
Site Location: BAKER LAKE, NU
Your P.O. #: 428049

VALIDATION SIGNATURE PAGE

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Darren Funnell, Analyst I

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Your P.O. #: 428049
Your Project #: PM2.5/10/TSP
Site Location: BAKER LAKE, NU

Attention:MEADOWBANK ENVIRONMENT

Agnico Eagle Mines Ltd.
Meadowbank Division
10200, Route du Preissac
Rouyn-Noranda, QC
CANADA J0Y 1C0

Report Date: 2015/04/07
Report #: R1840658
Version: 1 - Final

CERTIFICATE OF ANALYSIS

MAXXAM JOB #: B525464

Received: 2015/03/30, 14:28

Sample Matrix: Filter
Samples Received: 32

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Analytical Method
Mass Determination(ug/filter)	32	N/A	2015/04/07	PTC SOP-00151	EPA 2.12 Monitoring

* RPDs calculated using raw data. The rounding of final results may result in the apparent difference.

Encryption Key

Please direct all questions regarding this Certificate of Analysis to your Project Manager.

Levi Manchak, Customer Service

Email: LManchak@maxxam.ca

Phone# (780) 378-8500

=====

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Maxxam Job #: B525464
Report Date: 2015/04/07

Agnico Eagle Mines Ltd.
Client Project #: PM2.5/10/TSP
Site Location: BAKER LAKE, NU
Your P.O. #: 428049

RESULTS OF CHEMICAL ANALYSES OF FILTER

Maxxam ID		LY9089	LY9090	LY9091	LY9092	LY9093		
Sampling Date		2015/02/23	2015/03/01	2015/03/07	2015/03/13	2015/03/19		
	Units	PM2.5 RP15485	PM2.5 RP15500	PM2.5 RP924	PM2.5 RP13291	PM2.5 RP89984	RDL	QC Batch

PM2.5/10								
Particulate Matter	ug/filter	13	15	13	6	3	3	7856939
RDL = Reportable Detection Limit								

Maxxam ID		LY9094	LY9095	LY9096	LY9097	LY9098		
Sampling Date		2015/02/23	2015/03/01	2015/03/07	2015/03/13	2015/03/19		
	Units	PM2.5 RP27820	PM2.5 RP54448	PM2.5 RP87498	PM2.5 RP86713	PM2.5 RP27587	RDL	QC Batch

PM2.5/10								
Particulate Matter	ug/filter	35	34	19	34	27	3	7856939
RDL = Reportable Detection Limit								

Maxxam ID		LY9100	LY9101	LY9102	LY9103	LY9104		
Sampling Date		2015/02/23	2015/03/01	2015/03/07	2015/03/13	2015/03/19		
	Units	PM10 RP906	PM10 RP90540	PM10 RP24935	PM10 RP89967	PM10 RP22896	RDL	QC Batch

PM2.5/10								
Particulate Matter	ug/filter	66	64	43	84	62	3	7856939
RDL = Reportable Detection Limit								

Maxxam ID		LY9105	LY9106	LY9107	LY9108	LY9109		
Sampling Date		2015/02/23	2015/03/01	2015/03/07	2015/03/13	2015/03/19		
	Units	PM10 RP15525	PM10 RP16082	PM10 RP17813	PM10 RP14087	PM10 RP89985	RDL	QC Batch

PM2.5/10								
Particulate Matter	ug/filter	<3	<3	22	42	15	3	7856939
RDL = Reportable Detection Limit								

Maxxam ID		LY9111	LY9112	LY9113	LY9114	LY9115	LY9116		
Sampling Date		2015/02/23	2015/03/01	2015/03/07	2015/03/13	2015/03/19	2015/02/23		
	Units	TSP RP50778	TSP RP89943	TSP RP2881	TSP RP83499	TSP RP44274	TSP RP10348	RDL	QC Batch

PM2.5/10									
Particulate Matter	ug/filter	108	84	82	491	277	99	3	7856939
RDL = Reportable Detection Limit									

Maxxam Job #: B525464
Report Date: 2015/04/07

Agnico Eagle Mines Ltd.
Client Project #: PM2.5/10/TSP
Site Location: BAKER LAKE, NU
Your P.O. #: 428049

RESULTS OF CHEMICAL ANALYSES OF FILTER

Maxxam ID		LY9117	LY9118	LY9119	LY9120		LY9122		
Sampling Date		2015/03/01	2015/03/07	2015/03/13	2015/03/19				
	Units	TSP RP22197	TSP RP89966	TSP RP46673	TSP RP9911	QC Batch	TRAVEL BLANK RP12398	RDL	QC Batch
PM2.5/10									
Particulate Matter	ug/filter	93	92	431	641	7856939	<3	3	7856940
RDL = Reportable Detection Limit									

Maxxam ID		LY9123		
Sampling Date				
	Units	BLANK	RDL	QC Batch
PM2.5/10				
Particulate Matter	ug/filter	<3	3	7856940
RDL = Reportable Detection Limit				

Maxxam Job #: B525464
Report Date: 2015/04/07

Agnico Eagle Mines Ltd.
Client Project #: PM2.5/10/TSP
Site Location: BAKER LAKE, NU
Your P.O. #: 428049

GENERAL COMMENTS

Sample LY9120-01 : TSP RP46673 (LY9119) filter was dark in color. SS
TSP RP9911 (LY9120) received to the Lab with visible particulate on filter. SS
TSP RP50778 (LY9111) received to the Lab with small black mark on filter. SS
TSP RP83499 (LY9114) received to the Lab with visible particulate on filter. SS
TSP RP44274 (LY9115) received wet to the Lab. SS

Results relate only to the items tested.

Maxxam Job #: B525464
Report Date: 2015/04/07

Agnico Eagle Mines Ltd.
Client Project #: PM2.5/10/TSP
Site Location: BAKER LAKE, NU
Your P.O. #: 428049

VALIDATION SIGNATURE PAGE

The analytical data and all QC contained in this report were reviewed and validated by the following individual(s).



Darren Funnell, Analyst I

Maxxam has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per section 5.10.2 of ISO/IEC 17025:2005(E), signing the reports. For Service Group specific validation please refer to the Validation Signature Page.

Your P.O. #: 428049
Your Project #: 2015/03/22 - 2015/04/21
Site Location: BAKER LAKE, NU

Attention:MEADOWBANK ENVIRONMENT

Agnico Eagle Mines Ltd.
Meadowbank Division
10200, Route du Preissac
Rouyn-Noranda, QC
CANADA J0Y 1C0

Report Date: 2015/05/04
Report #: R1868011
Version: 1 - Final

CERTIFICATE OF ANALYSIS

MAXXAM JOB #: B534109

Received: 2015/04/28, 11:09

Sample Matrix: Air
Samples Received: 3

Analyses	Date		Date Analyzed	Laboratory Method	Analytical Method
	Quantity	Extracted			
NO2 Passive Analysis (1)	2	2015/05/04	2015/05/04	PTC SOP-00148	Passive NO2 in ATM
Raw NO2 Passive Analysis	1	2015/05/04	2015/05/04	PTC SOP-00148	Tang Passive NO2 in

* RPDs calculated using raw data. The rounding of final results may result in the apparent difference.

(1) The detection limit is based on a 30 day sampling period.

Encryption Key

Please direct all questions regarding this Certificate of Analysis to your Project Manager.

Levi Manchak, Customer Service

Email: LManchak@maxxam.ca

Phone# (780) 378-8500

=====

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Maxxam Job #: B534109
Report Date: 2015/05/04

Agnico Eagle Mines Ltd.
Client Project #: 2015/03/22 - 2015/04/21
Site Location: BAKER LAKE, NU
Your P.O. #: 428049

RESULTS OF CHEMICAL ANALYSES OF AIR

Maxxam ID		MD0949	MD0950		MD0951	
Sampling Date		2015/03/22 15:17	2015/03/22 14:10			
	Units	NO2: 1	NO2: 2	RDL	NO2: BLANK	QC Batch
Passive Monitoring						
Calculated NO2	ppb	<0.1	1.0	0.1		7890169
NO2	ppm				0.088	7890172
RDL = Reportable Detection Limit						

Maxxam Job #: B534109
Report Date: 2015/05/04

Agnico Eagle Mines Ltd.
Client Project #: 2015/03/22 - 2015/04/21
Site Location: BAKER LAKE, NU
Your P.O. #: 428049

GENERAL COMMENTS

Results relate only to the items tested.

Maxxam Job #: B534109
Report Date: 2015/05/04

Agnico Eagle Mines Ltd.
Client Project #: 2015/03/22 - 2015/04/21
Site Location: BAKER LAKE, NU
Your P.O. #: 428049

QUALITY ASSURANCE REPORT

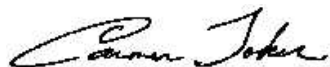
QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	Units	QC Limits
7890169	SS6	Spiked Blank	Calculated NO2	2015/05/04		98	%	90 - 110
7890169	SS6	Method Blank	Calculated NO2	2015/05/04	<0.1		ppb	
<p>Spiked Blank: A blank matrix sample to which a known amount of the analyte, usually from a second source, has been added. Used to evaluate method accuracy.</p> <p>Method Blank: A blank matrix containing all reagents used in the analytical procedure. Used to identify laboratory contamination.</p>								

Maxxam Job #: B534109
Report Date: 2015/05/04

Agnico Eagle Mines Ltd.
Client Project #: 2015/03/22 - 2015/04/21
Site Location: BAKER LAKE, NU
Your P.O. #: 428049

VALIDATION SIGNATURE PAGE

The analytical data and all QC contained in this report were reviewed and validated by the following individual(s).



Carmen Toker, CT, Manager Air Laboratory Services

Maxxam has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per section 5.10.2 of ISO/IEC 17025:2005(E), signing the reports. For Service Group specific validation please refer to the Validation Signature Page.

Your P.O. #: 428049
Your Project #: 2015/03/22 - 2015/04/21
Site Location: BAKER LAKE, NU

Attention:MEADOWBANK ENVIRONMENT

Agnico Eagle Mines Ltd.
Meadowbank Division
10200, Route du Preissac
Rouyn-Noranda, QC
CANADA J0Y 1C0

Report Date: 2015/05/04
Report #: R1867956
Version: 1 - Final

CERTIFICATE OF ANALYSIS

MAXXAM JOB #: B534111

Received: 2015/04/28, 11:12

Sample Matrix: Air
Samples Received: 4

Analyses	Quantity	Date	Date	Laboratory Method	Analytical Method
		Extracted	Analyzed		
Determination of Dustfall-mg/cm2/30 days	4	2015/05/01	2015/05/01	PTC SOP-00180	
Total & Fixed Dustfall	4	2015/05/01	2015/05/01	PTC SOP-00180	AMD 32020
Exposure (Number of days)	4	2015/05/01	2015/05/01	PTC SOP-00146, PTC SOP-00154, PTC SOP-00180	

* RPDs calculated using raw data. The rounding of final results may result in the apparent difference.

Encryption Key

Please direct all questions regarding this Certificate of Analysis to your Project Manager.

Levi Manchak, Customer Service

Email: LManchak@maxxam.ca

Phone# (780) 378-8500

=====

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Maxxam Job #: B534111
Report Date: 2015/05/04

Agnico Eagle Mines Ltd.
Client Project #: 2015/03/22 - 2015/04/21
Site Location: BAKER LAKE, NU
Your P.O. #: 428049

RESULTS OF CHEMICAL ANALYSES OF AIR

Maxxam ID		MD0953	MD0954	MD0955	MD0956		
Sampling Date		2015/03/22	2015/03/22	2015/03/22	2015/03/22		
	Units	1	2	3	4	RDL	QC Batch
Industrial							
Exposure	days	30	30	30	30	1	7888806
Dustfall Determination							
Total Dustfall	mg	26	14	34	7	1	7888802
Total Dustfall (30 day)	mg/cm2/30day	0.316	0.169	0.411	0.088	0.001	7888804
Total Fixed Dustfall	mg	23	11	32	5	1	7888802
Total Fixed Dustfall (30 day)	mg/cm2/30day	0.287	0.140	0.389	0.059	0.001	7888804
RDL = Reportable Detection Limit							

Maxxam Job #: B534111
Report Date: 2015/05/04

Agnico Eagle Mines Ltd.
Client Project #: 2015/03/22 - 2015/04/21
Site Location: BAKER LAKE, NU
Your P.O. #: 428049

GENERAL COMMENTS

Results relate only to the items tested.

Maxxam Job #: B534111
Report Date: 2015/05/04

Agnico Eagle Mines Ltd.
Client Project #: 2015/03/22 - 2015/04/21
Site Location: BAKER LAKE, NU
Your P.O. #: 428049

QUALITY ASSURANCE REPORT

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	Units	QC Limits
7888802	OZ	Method Blank	Total Dustfall	2015/05/01	<1		mg	
			Total Fixed Dustfall	2015/05/01	<1		mg	
7888802	OZ	RPD [MD0953-01]	Total Dustfall	2015/05/01	2.4		%	N/A
			Total Fixed Dustfall	2015/05/01	2.6		%	N/A

N/A = Not Applicable

Duplicate: Paired analysis of a separate portion of the same sample. Used to evaluate the variance in the measurement.

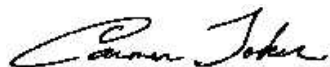
Method Blank: A blank matrix containing all reagents used in the analytical procedure. Used to identify laboratory contamination.

Maxxam Job #: B534111
Report Date: 2015/05/04

Agnico Eagle Mines Ltd.
Client Project #: 2015/03/22 - 2015/04/21
Site Location: BAKER LAKE, NU
Your P.O. #: 428049

VALIDATION SIGNATURE PAGE

The analytical data and all QC contained in this report were reviewed and validated by the following individual(s).



Carmen Toker, CT, Manager Air Laboratory Services

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Your P.O. #: 428049
Your Project #: PM2.5/10/TSP
Site Location: BAKER LAKE, NU

Attention:MEADOWBANK ENVIRONMENT

Agnico Eagle Mines Ltd.
Meadowbank Division
10200, Route du Preissac
Rouyn-Noranda, QC
CANADA J0Y 1C0

Report Date: 2015/05/06
Report #: R1873712
Version: 1 - Final

CERTIFICATE OF ANALYSIS

MAXXAM JOB #: B534122

Received: 2015/04/28, 11:19

Sample Matrix: Filter
Samples Received: 38

Analyses	Date		Date Analyzed	Laboratory Method	Analytical Method
	Quantity	Extracted			
Mass Determination(ug/filter)	38	N/A	2015/05/05	PTC SOP-00151	EPA 2.12 Monitoring

* RPDs calculated using raw data. The rounding of final results may result in the apparent difference.

Encryption Key

Please direct all questions regarding this Certificate of Analysis to your Project Manager.

Levi Manchak, Customer Service

Email: LManchak@maxxam.ca

Phone# (780) 378-8500

=====

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Maxxam Job #: B534122
Report Date: 2015/05/06

Agnico Eagle Mines Ltd.
Client Project #: PM2.5/10/TSP
Site Location: BAKER LAKE, NU
Your P.O. #: 428049

RESULTS OF CHEMICAL ANALYSES OF FILTER

Maxxam ID		MD0981	MD0982	MD0983	MD0984	MD0985	MD0986		
Sampling Date		2015/03/25	2015/03/31	2015/04/06	2015/04/18	2015/03/25	2015/03/31		
	Units	PM2.5 RP76324	PM2.5 RP852	PM2.5 RP9925	PM2.5 RP22214	PM2.5 RP903	PM2.5 RP907	RDL	QC Batch

PM2.5/10

Particulate Matter	ug/filter	21	4	7	5	31	50	3	7892153
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RDL = Reportable Detection Limit

Maxxam ID		MD0988	MD0989	MD0992	MD0993	MD0994		
Sampling Date		2015/04/06	2015/04/18	2015/03/25	2015/03/31	2015/04/06		
	Units	PM2.5 RP15487	PM2.5 RP878	PM10 RP15145	PM10 RP22903	PM10 RP4238	RDL	QC Batch

PM2.5/10

Particulate Matter	ug/filter	79	41	50	54	104	3	7892153
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RDL = Reportable Detection Limit

Maxxam ID		MD0995	MD0996	MD0997	MD0998	MD0999		
Sampling Date		2015/04/18	2015/03/25	2015/03/31	2015/04/06	2015/04/12		
	Units	PM10 RP13278	PM10 RP22198	PM10 RP15522	PM10 RP85911	PM10 RP46619	RDL	QC Batch

PM2.5/10

Particulate Matter	ug/filter	54	16	16	24	3	3	7892153
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RDL = Reportable Detection Limit

Maxxam ID		MD1000	MD1002	MD1003	MD1004	MD1005	MD1006		
Sampling Date		2015/04/18	2015/03/25	2015/03/31	2015/04/06	2015/04/18	2015/03/25		
	Units	PM10 RP46115	TSP RP15505	TSP RP92785	TSP RP27432	TSP RP44277	TSP RP28673	RDL	QC Batch

PM2.5/10

Particulate Matter	ug/filter	22	285	278	331	35	5340	3	7892153
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RDL = Reportable Detection Limit

Maxxam ID		MD1007	MD1008	MD1009	MD1012	MD1013		
Sampling Date		2015/03/31	2015/04/06	2015/04/18				
	Units	TSP RP10082	TSP RP90554	TSP RP15529	TRAVEL BLANK RP85959	BLANK	RDL	QC Batch

PM2.5/10

Particulate Matter	ug/filter	708	918	941	<3	<3	3	7892153
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RDL = Reportable Detection Limit

Maxxam Job #: B534122
Report Date: 2015/05/06

Agnico Eagle Mines Ltd.
Client Project #: PM2.5/10/TSP
Site Location: BAKER LAKE, NU
Your P.O. #: 428049

RESULTS OF CHEMICAL ANALYSES OF FILTER

Maxxam ID		MD1085	MD1100		MD1101		MD1102		
Sampling Date									
	Units	VOID RP009924	VOID RP0019592	QC Batch	VOID RP089982	QC Batch	VOID RP17873	RDL	QC Batch

PM2.5/10

Particulate Matter	ug/filter	NA	NA	7892153	NA	7892170	NA	3	7892154
--------------------	-----------	----	----	---------	----	---------	----	---	---------

RDL = Reportable Detection Limit

Maxxam ID		MD1103	MD1104	MD1105	MD1106	MD1107		
Sampling Date								
	Units	VOID RP015236	VOID RP027429	VOID RP010078	VOID RP18848	VOID RP04246	RDL	QC Batch

PM2.5/10

Particulate Matter	ug/filter	NA	NA	NA	NA	NA	3	7892154
--------------------	-----------	----	----	----	----	----	---	---------

RDL = Reportable Detection Limit

Maxxam ID		MD1108	MD1109		
Sampling Date					
	Units	VOID RP009945	VOID RP00884	RDL	QC Batch

PM2.5/10

Particulate Matter	ug/filter	NA	NA	3	7892154
--------------------	-----------	----	----	---	---------

RDL = Reportable Detection Limit

Maxxam Job #: B534122
Report Date: 2015/05/06

Agnico Eagle Mines Ltd.
Client Project #: PM2.5/10/TSP
Site Location: BAKER LAKE, NU
Your P.O. #: 428049

GENERAL COMMENTS

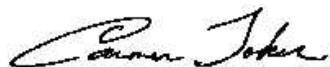
Results relate only to the items tested.

Maxxam Job #: B534122
Report Date: 2015/05/06

Agnico Eagle Mines Ltd.
Client Project #: PM2.5/10/TSP
Site Location: BAKER LAKE, NU
Your P.O. #: 428049

VALIDATION SIGNATURE PAGE

The analytical data and all QC contained in this report were reviewed and validated by the following individual(s).



Carmen Toker, CT, Manager Air Laboratory Services

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Your P.O. #: 428049
Your Project #: 2015/04/21 - 2015/05/22
Site Location: BAKER LAKE, NU

Attention:MEADOWBANK ENVIRONMENT

Agnico Eagle Mines Ltd.
Meadowbank Division
10200, Route du Preissac
Rouyn-Noranda, QC
CANADA J0Y 1C0

Report Date: 2015/06/08
Report #: R1972124
Version: 1 - Final

CERTIFICATE OF ANALYSIS

MAXXAM JOB #: B544666

Received: 2015/05/29, 11:47

Sample Matrix: Air
Samples Received: 4

Analyses	Quantity	Date	Date	Laboratory Method	Analytical Method
		Extracted	Analyzed		
Determination of Dustfall-mg/cm2/30 days	4	2015/06/05	2015/06/05	PTC SOP-00180	
Total & Fixed Dustfall	4	2015/06/05	2015/06/05	PTC SOP-00180	AMD 32020
Exposure (Number of days)	4	2015/06/03	2015/06/03	PTC SOP-00146, PTC SOP-00154, PTC SOP-00180	

* RPDs calculated using raw data. The rounding of final results may result in the apparent difference.

Encryption Key

Please direct all questions regarding this Certificate of Analysis to your Project Manager.

Levi Manchak, Customer Service

Email: LManchak@maxxam.ca

Phone# (780) 378-8500

=====

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Maxxam Job #: B544666
Report Date: 2015/06/08

Agnico Eagle Mines Ltd.
Client Project #: 2015/04/21 - 2015/05/22
Site Location: BAKER LAKE, NU
Your P.O. #: 428049

RESULTS OF CHEMICAL ANALYSES OF AIR

Maxxam ID		MI4627	MI4628	MI4629	MI4630		
Sampling Date		2015/04/21	2015/04/21	2015/04/21	2015/04/21		
	Units	1	2	3	4	RDL	QC Batch
Industrial							
Exposure	days	31	31	31	31	1	7902461
Dustfall Determination							
Total Dustfall	mg	66	23	30	10	1	7924592
Total Dustfall (30 day)	mg/cm2/30day	0.782	0.273	0.352	0.114	0.001	7924593
Total Fixed Dustfall	mg	64	20	27	7	1	7924592
Total Fixed Dustfall (30 day)	mg/cm2/30day	0.756	0.237	0.320	0.085	0.001	7924593
RDL = Reportable Detection Limit							

Maxxam Job #: B544666
Report Date: 2015/06/08

Agnico Eagle Mines Ltd.
Client Project #: 2015/04/21 - 2015/05/22
Site Location: BAKER LAKE, NU
Your P.O. #: 428049

GENERAL COMMENTS

Results relate only to the items tested.

Maxxam Job #: B544666
Report Date: 2015/06/08

Agnico Eagle Mines Ltd.
Client Project #: 2015/04/21 - 2015/05/22
Site Location: BAKER LAKE, NU
Your P.O. #: 428049

QUALITY ASSURANCE REPORT

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	Units	QC Limits
7924592	OZ	Method Blank	Total Dustfall	2015/06/05	<1		mg	
			Total Fixed Dustfall	2015/06/05	<1		mg	
7924592	OZ	RPD [MI4627-01]	Total Dustfall	2015/06/05	1.7		%	N/A
			Total Fixed Dustfall	2015/06/05	1.7		%	N/A

N/A = Not Applicable

Duplicate: Paired analysis of a separate portion of the same sample. Used to evaluate the variance in the measurement.

Method Blank: A blank matrix containing all reagents used in the analytical procedure. Used to identify laboratory contamination.

Maxxam Job #: B544666
Report Date: 2015/06/08

Agnico Eagle Mines Ltd.
Client Project #: 2015/04/21 - 2015/05/22
Site Location: BAKER LAKE, NU
Your P.O. #: 428049

VALIDATION SIGNATURE PAGE

The analytical data and all QC contained in this report were reviewed and validated by the following individual(s).



Linda Lin, Supervisor, Centre for Passive Sampling Technology

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Your P.O. #: 428049
Your Project #: 2015/04/21 - 2015/05/22
Site Location: BAKER LAKE, NU

Attention:MEADOWBANK ENVIRONMENT

Agnico Eagle Mines Ltd.
Meadowbank Division
10200, Route du Preissac
Rouyn-Noranda, QC
CANADA J0Y 1C0

Report Date: 2015/06/04
Report #: R1970586
Version: 1 - Final

CERTIFICATE OF ANALYSIS

MAXXAM JOB #: B544780

Received: 2015/05/29, 13:52

Sample Matrix: Air
Samples Received: 3

Analyses	Date		Date Analyzed	Laboratory Method	Analytical Method
	Quantity	Extracted			
NO2 Passive Analysis (1)	2	2015/06/03	2015/06/04	PTC SOP-00148	Passive NO2 in ATM
Raw NO2 Passive Analysis	1	2015/06/03	2015/06/03	PTC SOP-00148	Tang Passive NO2 in

* RPDs calculated using raw data. The rounding of final results may result in the apparent difference.

(1) The detection limit is based on a 30 day sampling period.

Encryption Key

Please direct all questions regarding this Certificate of Analysis to your Project Manager.

Levi Manchak, Customer Service

Email: LManchak@maxxam.ca

Phone# (780) 378-8500

=====

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Maxxam Job #: B544780
Report Date: 2015/06/04

Agnico Eagle Mines Ltd.
Client Project #: 2015/04/21 - 2015/05/22
Site Location: BAKER LAKE, NU
Your P.O. #: 428049

RESULTS OF CHEMICAL ANALYSES OF AIR

Maxxam ID		MI5458	MI5459		MI5460	
Sampling Date		2015/04/21	2015/04/21			
	Units	NO2: 1	NO2: 2	RDL	NO2: BLANK	QC Batch
Passive Monitoring						
Calculated NO2	ppb	<0.1	0.4	0.1		7921662
NO2	ppm				0.06	7921665
RDL = Reportable Detection Limit						

Maxxam Job #: B544780
Report Date: 2015/06/04

Agnico Eagle Mines Ltd.
Client Project #: 2015/04/21 - 2015/05/22
Site Location: BAKER LAKE, NU
Your P.O. #: 428049

GENERAL COMMENTS

Results relate only to the items tested.

Maxxam Job #: B544780
Report Date: 2015/06/04

Agnico Eagle Mines Ltd.
Client Project #: 2015/04/21 - 2015/05/22
Site Location: BAKER LAKE, NU
Your P.O. #: 428049

QUALITY ASSURANCE REPORT

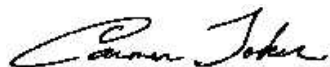
QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	Units	QC Limits
7921662	SS6	Spiked Blank	Calculated NO2	2015/06/03		97	%	90 - 110
7921662	SS6	Method Blank	Calculated NO2	2015/06/03	<0.1		ppb	
<p>Spiked Blank: A blank matrix sample to which a known amount of the analyte, usually from a second source, has been added. Used to evaluate method accuracy.</p> <p>Method Blank: A blank matrix containing all reagents used in the analytical procedure. Used to identify laboratory contamination.</p>								

Maxxam Job #: B544780
Report Date: 2015/06/04

Agnico Eagle Mines Ltd.
Client Project #: 2015/04/21 - 2015/05/22
Site Location: BAKER LAKE, NU
Your P.O. #: 428049

VALIDATION SIGNATURE PAGE

The analytical data and all QC contained in this report were reviewed and validated by the following individual(s).



Carmen Toker, CT, Manager Air Laboratory Services

Maxxam has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per section 5.10.2 of ISO/IEC 17025:2005(E), signing the reports. For Service Group specific validation please refer to the Validation Signature Page.

Your P.O. #: 428049
Your Project #: PM2.5/10/TSP
Site Location: BAKER LAKE, NU

Attention:MEADOWBANK ENVIRONMENT

Agnico Eagle Mines Ltd.
Meadowbank Division
10200, Route du Preissac
Rouyn-Noranda, QC
CANADA J0Y 1C0

Report Date: 2015/07/21
Report #: R2000922
Version: 1 - Final

CERTIFICATE OF ANALYSIS

MAXXAM JOB #: B558961

Received: 2015/07/13, 11:51

Sample Matrix: Filter
Samples Received: 50

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Analytical Method
Mass Determination(ug/filter)	50	N/A	2015/07/21	PTC SOP-00151	EPA 2.12 Monitoring

* RPDs calculated using raw data. The rounding of final results may result in the apparent difference.

Encryption Key

Please direct all questions regarding this Certificate of Analysis to your Project Manager.

Levi Manchak, Customer Service

Email: LManchak@maxxam.ca

Phone# (780) 378-8500

=====

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Maxxam Job #: B558961
Report Date: 2015/07/21

Agnico Eagle Mines Ltd.
Client Project #: PM2.5/10/TSP
Site Location: BAKER LAKE, NU
Your P.O. #: 428049

RESULTS OF CHEMICAL ANALYSES OF FILTER

Maxxam ID		MQ4698	MQ4699	MQ4700	MQ4701	MQ4702		
Sampling Date		2015/05/18	2015/05/24	2015/05/30	2015/06/05	2015/06/11		
	Units	PM2.5 RP10308	PM2.5 RP27477	PM2.5 RP27583	PM2.5 RP89969	PM2.5 RP27271	RDL	QC Batch

PM2.5/10								
Particulate Matter	ug/filter	23	24	9	32	32	3	7974474
RDL = Reportable Detection Limit								

Maxxam ID		MQ4703	MQ4704	MQ4705	MQ4706	MQ4707		
Sampling Date		2015/06/17	2015/06/23	2015/06/29	2015/05/18	2015/05/24		
	Units	PM2.5 RP76151	PM2.5 RP54427	PM2.5 RP18953	PM2.5 RP82056	PM2.5 RP2880	RDL	QC Batch

PM2.5/10								
Particulate Matter	ug/filter	15	24	22	47	120	3	7974474
RDL = Reportable Detection Limit								

Maxxam ID		MQ4708	MQ4709	MQ4710	MQ4711	MQ4712		
Sampling Date		2015/05/30	2015/06/05	2015/06/11	2015/06/17	2015/06/23		
	Units	PM2.5 RP15501	PM2.5 RP9911	PM2.5 RP87498	PM2.5 RP24935	PM2.5 RP89984	RDL	QC Batch

PM2.5/10								
Particulate Matter	ug/filter	30	38	30	18	21	3	7974474
RDL = Reportable Detection Limit								

Maxxam ID		MQ4713	MQ4714	MQ4715	MQ4716	MQ4717	MQ4718		
Sampling Date		2015/06/29	2015/05/18	2015/05/24	2015/05/30	2015/06/05	2015/06/11		
	Units	PM2.5 RP27820	PM10 RP22210	PM10 RP91301	PM10 RP891	PM10 RP17876	PM10 RP894	RDL	QC Batch

PM2.5/10									
Particulate Matter	ug/filter	34	138	693	96	199	160	3	7974474
RDL = Reportable Detection Limit									

Maxxam ID		MQ4719	MQ4720	MQ4721	MQ4783	MQ4784	MQ4785		
Sampling Date		2015/06/17	2015/06/23	2015/06/29	2015/05/18	2015/05/24	2015/05/30		
	Units	PM10 RP2883	PM10 RP896	PM10 RP910	PM10 RP15523	PM10 RP15157	PM10 RP13797	RDL	QC Batch

PM2.5/10									
Particulate Matter	ug/filter	60	110	117	280	689	49	3	7974474
RDL = Reportable Detection Limit									

Maxxam Job #: B558961
Report Date: 2015/07/21

Agnico Eagle Mines Ltd.
Client Project #: PM2.5/10/TSP
Site Location: BAKER LAKE, NU
Your P.O. #: 428049

RESULTS OF CHEMICAL ANALYSES OF FILTER

Maxxam ID		MQ4786	MQ4787	MQ4788		MQ4789	MQ4790		
Sampling Date		2015/06/05	2015/06/11	2015/06/17		2015/06/23	2015/06/29		
	Units	PM10 RP22197	PM10 RP12398	PM10 RP906	QC Batch	PM10 RP44274	PM10 RP4216	RDL	QC Batch

PM2.5/10

Particulate Matter	ug/filter	61	36	44	7974474	108	56	3	7974475
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RDL = Reportable Detection Limit

Maxxam ID		MQ4791	MQ4795	MQ4796	MQ4797	MQ4798	MQ4799		
Sampling Date		2015/05/18	2015/05/24	2015/05/30	2015/06/05	2015/06/11	2015/06/17		
	Units	TSP RP9936	TSP RP15070	TSP RP22207	TSP RP15503	TSP RP27515	TSP RP17828	RDL	QC Batch

PM2.5/10

Particulate Matter	ug/filter	484	184	66	51	85	34	3	7974475
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RDL = Reportable Detection Limit

Maxxam ID		MQ4800	MQ4801	MQ4802	MQ4803	MQ4804	MQ4805		
Sampling Date		2015/06/23	2015/06/29	2015/05/18	2015/05/24	2015/05/30	2015/06/05		
	Units	TSP RP99742	TSP RP920	TSP RP10067	TSP RP16077	TSP RP9927	TSP RP46673	RDL	QC Batch

PM2.5/10

Particulate Matter	ug/filter	105	34	518	1140	138	85	3	7974475
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RDL = Reportable Detection Limit

Maxxam ID		MQ4806	MQ4807	MQ4808	MQ4809	MQ4810	MQ4811		
Sampling Date		2015/06/11	2015/06/17	2015/06/23	2015/06/29				
	Units	TSP RP17813	TSP RP96713	TSP RP89967	TSP RP89985	TRAVEL BLANK RP76187	LAB BLANK	RDL	QC Batch

PM2.5/10

Particulate Matter	ug/filter	57	64	97	133	<3	<3	3	7974475
--------------------	-----------	----	----	----	-----	----	----	---	---------

RDL = Reportable Detection Limit

Maxxam Job #: B558961
Report Date: 2015/07/21

Agnico Eagle Mines Ltd.
Client Project #: PM2.5/10/TSP
Site Location: BAKER LAKE, NU
Your P.O. #: 428049

GENERAL COMMENTS

Sample MQ4718-01 : PM10 RP894 (MQ4718) received to the Lab with small rip on it. SS

Results relate only to the items tested.

Maxxam Job #: B558961
Report Date: 2015/07/21

Agnico Eagle Mines Ltd.
Client Project #: PM2.5/10/TSP
Site Location: BAKER LAKE, NU
Your P.O. #: 428049

VALIDATION SIGNATURE PAGE

The analytical data and all QC contained in this report were reviewed and validated by the following individual(s).



Linda Lin, Supervisor, Centre for Passive Sampling Technology

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Your P.O. #: 428049
Your Project #: 2015/05/22 - 2015/06/21
Site Location: BAKER LAKE, NU

Attention:MEADOWBANK ENVIRONMENT

Agnico Eagle Mines Ltd.
Meadowbank Division
10200, Route du Preissac
Rouyn-Noranda, QC
CANADA J0Y 1C0

Report Date: 2015/07/21
Report #: R2000782
Version: 1 - Final

CERTIFICATE OF ANALYSIS

MAXXAM JOB #: B558954

Received: 2015/07/13, 11:44

Sample Matrix: Air
Samples Received: 3

Analyses	Date		Date Analyzed	Laboratory Method	Analytical Method
	Quantity	Extracted			
NO2 Passive Analysis (1)	2	2015/07/20	2015/07/21	PTC SOP-00148	Passive NO2 in ATM
Raw NO2 Passive Analysis	1	2015/07/20	2015/07/20	PTC SOP-00148	Tang Passive NO2 in

* RPDs calculated using raw data. The rounding of final results may result in the apparent difference.

(1) The detection limit is based on a 30 day sampling period.

Encryption Key

Please direct all questions regarding this Certificate of Analysis to your Project Manager.

Levi Manchak, Customer Service

Email: LManchak@maxxam.ca

Phone# (780) 378-8500

=====

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Maxxam Job #: B558954
Report Date: 2015/07/21

Agnico Eagle Mines Ltd.
Client Project #: 2015/05/22 - 2015/06/21
Site Location: BAKER LAKE, NU
Your P.O. #: 428049

RESULTS OF CHEMICAL ANALYSES OF AIR

Maxxam ID		MQ4679	MQ4680		MQ4681	
Sampling Date		2015/05/22	2015/05/22			
	Units	NO2: 1	NO2: 2	RDL	NO2: BLANK	QC Batch
Passive Monitoring						
Calculated NO2	ppb	0.3	0.9	0.1		7972662
NO2	ppm				0.06	7972659
RDL = Reportable Detection Limit						

Maxxam Job #: B558954
Report Date: 2015/07/21

Agnico Eagle Mines Ltd.
Client Project #: 2015/05/22 - 2015/06/21
Site Location: BAKER LAKE, NU
Your P.O. #: 428049

GENERAL COMMENTS

Results relate only to the items tested.

Maxxam Job #: B558954
Report Date: 2015/07/21

Agnico Eagle Mines Ltd.
Client Project #: 2015/05/22 - 2015/06/21
Site Location: BAKER LAKE, NU
Your P.O. #: 428049

QUALITY ASSURANCE REPORT

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	Units	QC Limits
7972662	OZ	Spiked Blank	Calculated NO2	2015/07/20		102	%	90 - 110
7972662	OZ	Method Blank	Calculated NO2	2015/07/20	<0.1		ppb	
<p>Spiked Blank: A blank matrix sample to which a known amount of the analyte, usually from a second source, has been added. Used to evaluate method accuracy.</p> <p>Method Blank: A blank matrix containing all reagents used in the analytical procedure. Used to identify laboratory contamination.</p>								

Maxxam Job #: B558954
Report Date: 2015/07/21

Agnico Eagle Mines Ltd.
Client Project #: 2015/05/22 - 2015/06/21
Site Location: BAKER LAKE, NU
Your P.O. #: 428049

VALIDATION SIGNATURE PAGE

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Your P.O. #: 428049
Your Project #: 2015/05/22 - 2015/06/21
Site Location: BAKER LAKE, NU

Attention:MEADOWBANK ENVIRONMENT

Agnico Eagle Mines Ltd.
Meadowbank Division
10200, Route du Preissac
Rouyn-Noranda, QC
CANADA J0Y 1C0

Report Date: 2015/07/20
Report #: R2000002
Version: 1 - Final

CERTIFICATE OF ANALYSIS

MAXXAM JOB #: B558955

Received: 2015/07/13, 11:47

Sample Matrix: Air
Samples Received: 4

Analyses	Quantity	Date	Date	Laboratory Method	Analytical Method
		Extracted	Analyzed		
Determination of Dustfall-mg/cm2/30 days	4	2015/07/20	2015/07/20	PTC SOP-00180	
Total & Fixed Dustfall	4	2015/07/20	2015/07/20	PTC SOP-00180	AMD 32020
Exposure (Number of days)	4	2015/07/20	2015/07/20	PTC SOP-00146, PTC SOP-00154, PTC SOP-00180	

* RPDs calculated using raw data. The rounding of final results may result in the apparent difference.

Encryption Key

Please direct all questions regarding this Certificate of Analysis to your Project Manager.

Levi Manchak, Customer Service

Email: LManchak@maxxam.ca

Phone# (780) 378-8500

=====

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Maxxam Job #: B558955
Report Date: 2015/07/20

Agnico Eagle Mines Ltd.
Client Project #: 2015/05/22 - 2015/06/21
Site Location: BAKER LAKE, NU
Your P.O. #: 428049

RESULTS OF CHEMICAL ANALYSES OF AIR

Maxxam ID		MQ4684	MQ4685	MQ4686	MQ4687		
Sampling Date		2015/05/22	2015/05/22	2015/05/22	2015/05/22		
	Units	1	2	3	4	RDL	QC Batch
Industrial							
Exposure	days	30	30	30	30	1	7972847
Dustfall Determination							
Total Dustfall	mg	20	14	10	7	2	7972844
Total Dustfall (30 day)	mg/cm2/30day	0.245	0.175	0.120	0.086	0.002	7972845
Total Fixed Dustfall	mg	11	10	7	4	2	7972844
Total Fixed Dustfall (30 day)	mg/cm2/30day	0.135	0.127	0.081	0.049	0.002	7972845
RDL = Reportable Detection Limit							

Maxxam Job #: B558955
Report Date: 2015/07/20

Agnico Eagle Mines Ltd.
Client Project #: 2015/05/22 - 2015/06/21
Site Location: BAKER LAKE, NU
Your P.O. #: 428049

GENERAL COMMENTS

Results relate only to the items tested.

Maxxam Job #: B558955
Report Date: 2015/07/20

Agnico Eagle Mines Ltd.
Client Project #: 2015/05/22 - 2015/06/21
Site Location: BAKER LAKE, NU
Your P.O. #: 428049

QUALITY ASSURANCE REPORT

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	Units	QC Limits
7972844	OZ	Method Blank	Total Dustfall	2015/07/20	<1		mg	
			Total Fixed Dustfall	2015/07/20	<1		mg	
7972844	OZ	RPD [MQ4684-01]	Total Dustfall	2015/07/20	0		%	N/A
			Total Fixed Dustfall	2015/07/20	NC		%	N/A

N/A = Not Applicable

Duplicate: Paired analysis of a separate portion of the same sample. Used to evaluate the variance in the measurement.

Method Blank: A blank matrix containing all reagents used in the analytical procedure. Used to identify laboratory contamination.

NC (Duplicate RPD): The duplicate RPD was not calculated. The concentration in the sample and/or duplicate was too low to permit a reliable RPD calculation (one or both samples < 5x RDL).

Maxxam Job #: B558955
Report Date: 2015/07/20

Agnico Eagle Mines Ltd.
Client Project #: 2015/05/22 - 2015/06/21
Site Location: BAKER LAKE, NU
Your P.O. #: 428049

VALIDATION SIGNATURE PAGE

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Linda Lin, Supervisor, Centre for Passive Sampling Technology

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Your P.O. #: 428049
Your Project #: 2015/06/21 - 2015/07/23
Site Location: BAKER LAKE, NU

Attention:MEADOWBANK ENVIRONMENT

Agnico Eagle Mines Ltd.
Meadowbank Division
10200, Route du Preissac
Rouyn-Noranda, QC
CANADA J0Y 1C0

Report Date: 2015/08/13
Report #: R2023220
Version: 1 - Final

CERTIFICATE OF ANALYSIS

MAXXAM JOB #: B566786

Received: 2015/08/05, 15:38

Sample Matrix: Air
Samples Received: 3

Analyses	Date		Date Analyzed	Laboratory Method	Analytical Method
	Quantity	Extracted			
NO2 Passive Analysis (1)	2	2015/08/10	2015/08/13	PTC SOP-00148	Passive NO2 in ATM
Raw NO2 Passive Analysis	1	2015/08/10	2015/08/10	PTC SOP-00148	Tang Passive NO2 in

* RPDs calculated using raw data. The rounding of final results may result in the apparent difference.

(1) The detection limit is based on a 30 day sampling period.

Encryption Key

Please direct all questions regarding this Certificate of Analysis to your Project Manager.

Levi Manchak, Customer Service

Email: LManchak@maxxam.ca

Phone# (780) 378-8500

=====

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Maxxam Job #: B566786
Report Date: 2015/08/13

Agnico Eagle Mines Ltd.
Client Project #: 2015/06/21 - 2015/07/23
Site Location: BAKER LAKE, NU
Your P.O. #: 428049

RESULTS OF CHEMICAL ANALYSES OF AIR

Maxxam ID		MV0956	MV0957		MV0958	
Sampling Date		2015/06/21 14:10	2015/06/21 13:51			
	Units	NO2: 1	NO2: 2	RDL	NO2: BLANK	QC Batch
Passive Monitoring						
Calculated NO2	ppb	0.5	1.1	0.1		7996200
NO2	ppm				0.11	7996233
RDL = Reportable Detection Limit						

Maxxam Job #: B566786
Report Date: 2015/08/13

Agnico Eagle Mines Ltd.
Client Project #: 2015/06/21 - 2015/07/23
Site Location: BAKER LAKE, NU
Your P.O. #: 428049

GENERAL COMMENTS

Results relate only to the items tested.

Maxxam Job #: B566786
Report Date: 2015/08/13

Agnico Eagle Mines Ltd.
Client Project #: 2015/06/21 - 2015/07/23
Site Location: BAKER LAKE, NU
Your P.O. #: 428049

QUALITY ASSURANCE REPORT

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	Units	QC Limits
7996200	SS6	Spiked Blank	Calculated NO2	2015/08/10		100	%	90 - 110
7996200	SS6	Method Blank	Calculated NO2	2015/08/10	<0.1		ppb	
<p>Spiked Blank: A blank matrix sample to which a known amount of the analyte, usually from a second source, has been added. Used to evaluate method accuracy.</p> <p>Method Blank: A blank matrix containing all reagents used in the analytical procedure. Used to identify laboratory contamination.</p>								

Maxxam Job #: B566786
Report Date: 2015/08/13

Agnico Eagle Mines Ltd.
Client Project #: 2015/06/21 - 2015/07/23
Site Location: BAKER LAKE, NU
Your P.O. #: 428049

VALIDATION SIGNATURE PAGE

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Linda Lin, Supervisor, Centre for Passive Sampling Technology

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Your P.O. #: 428049
Your Project #: 2015/06/21 - 2015/07/23
Site Location: BAKER LAKE, NU

Attention:MEADOWBANK ENVIRONMENT

Agnico Eagle Mines Ltd.
Meadowbank Division
10200, Route du Preissac
Rouyn-Noranda, QC
CANADA J0Y 1C0

Report Date: 2015/08/13
Report #: R2023221
Version: 1 - Final

CERTIFICATE OF ANALYSIS

MAXXAM JOB #: B566787

Received: 2015/08/05, 15:40

Sample Matrix: Air
Samples Received: 4

Analyses	Quantity	Date	Date	Laboratory Method	Analytical Method
		Extracted	Analyzed		
Determination of Dustfall-mg/cm2/30 days	4	2015/08/12	2015/08/12	PTC SOP-00180	
Total & Fixed Dustfall	4	2015/08/12	2015/08/12	PTC SOP-00180	AMD 32020
Exposure (Number of days)	4	2015/08/09	2015/08/09	PTC SOP-00146, PTC SOP-00154, PTC SOP-00180	

* RPDs calculated using raw data. The rounding of final results may result in the apparent difference.

Encryption Key

Please direct all questions regarding this Certificate of Analysis to your Project Manager.

Levi Manchak, Customer Service

Email: LManchak@maxxam.ca

Phone# (780) 378-8500

=====

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Maxxam Job #: B566787
Report Date: 2015/08/13

Agnico Eagle Mines Ltd.
Client Project #: 2015/06/21 - 2015/07/23
Site Location: BAKER LAKE, NU
Your P.O. #: 428049

RESULTS OF CHEMICAL ANALYSES OF AIR

Maxxam ID		MV0979	MV0980	MV0981	MV0982		
Sampling Date		2015/06/21	2015/06/21	2015/06/21	2015/06/21		
	Units	1	2	3	4	RDL	QC Batch
Industrial							
Exposure	days	32	32	32	32	1	7995798
Dustfall Determination							
Total Dustfall	mg	7	10	10	8	1	7999108
Total Dustfall (30 day)	mg/cm2/30day	0.083	0.110	0.117	0.090	0.001	7999109
Total Fixed Dustfall	mg	5	7	8	7	1	7999108
Total Fixed Dustfall (30 day)	mg/cm2/30day	0.055	0.076	0.090	0.076	0.001	7999109
RDL = Reportable Detection Limit							

Maxxam Job #: B566787
Report Date: 2015/08/13

Agnico Eagle Mines Ltd.
Client Project #: 2015/06/21 - 2015/07/23
Site Location: BAKER LAKE, NU
Your P.O. #: 428049

GENERAL COMMENTS

Results relate only to the items tested.

Maxxam Job #: B566787
Report Date: 2015/08/13

Agnico Eagle Mines Ltd.
Client Project #: 2015/06/21 - 2015/07/23
Site Location: BAKER LAKE, NU
Your P.O. #: 428049

QUALITY ASSURANCE REPORT

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	Units	QC Limits
7999108	OZ	Method Blank	Total Dustfall	2015/08/12	<1		mg	
			Total Fixed Dustfall	2015/08/12	<1		mg	
7999108	OZ	RPD [MV0979-01]	Total Dustfall	2015/08/12	0		%	N/A
			Total Fixed Dustfall	2015/08/12	NC		%	N/A

N/A = Not Applicable

Duplicate: Paired analysis of a separate portion of the same sample. Used to evaluate the variance in the measurement.

Method Blank: A blank matrix containing all reagents used in the analytical procedure. Used to identify laboratory contamination.

NC (Duplicate RPD): The duplicate RPD was not calculated. The concentration in the sample and/or duplicate was too low to permit a reliable RPD calculation (one or both samples < 5x RDL).

Maxxam Job #: B566787
Report Date: 2015/08/13

Agnico Eagle Mines Ltd.
Client Project #: 2015/06/21 - 2015/07/23
Site Location: BAKER LAKE, NU
Your P.O. #: 428049

VALIDATION SIGNATURE PAGE

The analytical data and all QC contained in this report were reviewed and validated by the following individual(s).



Linda Lin, Supervisor, Centre for Passive Sampling Technology

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Your P.O. #: 458726
Your Project #: 2015/08/05 - 2015/09/07
Site#: AWR
Site Location: BAKER LAKE, NU

Attention:MEADOWBANK ENVIRONMENT

Agnico Eagle Mines Ltd.
Meadowbank Division
10200, Route du Preissac
Rouyn-Noranda, QC
CANADA J0Y 1C0

Report Date: 2015/09/25
Report #: R2047464
Version: 1 - Final

CERTIFICATE OF ANALYSIS

MAXXAM JOB #: B580177

Received: 2015/09/15, 11:58

Sample Matrix: Air
Samples Received: 50

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Analytical Method
Determination of Dustfall-mg/cm2/30 days	13	2015/09/21	2015/09/21	PTC SOP-00180	
Determination of Dustfall-mg/cm2/30 days	15	2015/09/21	2015/09/23	PTC SOP-00180	
Determination of Dustfall-mg/cm2/30 days	15	2015/09/21	2015/09/24	PTC SOP-00180	
Determination of Dustfall-mg/cm2/30 days	6	2015/09/21	2015/09/25	PTC SOP-00180	
Determination of Dustfall-mg/cm2/30 days	1	2015/09/25	2015/09/25	PTC SOP-00180	
Total & Fixed Dustfall	13	2015/09/21	2015/09/21	PTC SOP-00180	AMD 32020
Total & Fixed Dustfall	15	2015/09/21	2015/09/23	PTC SOP-00180	AMD 32020
Total & Fixed Dustfall	15	2015/09/21	2015/09/24	PTC SOP-00180	AMD 32020
Total & Fixed Dustfall	6	2015/09/21	2015/09/25	PTC SOP-00180	AMD 32020
Total & Fixed Dustfall	1	2015/09/23	2015/09/25	PTC SOP-00180	AMD 32020
Exposure (Number of days)	49	2015/09/21	2015/09/21	PTC SOP-00146 PTC SOP-00154 PTC SOP-00180	
Exposure (Number of days)	1	2015/09/25	2015/09/25	PTC SOP-00146 PTC SOP-00154 PTC SOP-00180	

* RPDs calculated using raw data. The rounding of final results may result in the apparent difference.

Encryption Key

Please direct all questions regarding this Certificate of Analysis to your Project Manager.

Levi Manchak, Customer Service

Email: LManchak@maxxam.ca

Phone# (780) 378-8500

=====

Maxxam has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per section 5.10.2 of ISO/IEC 17025:2005(E), signing the reports. For Service Group specific validation please refer to the Validation Signature Page.

Maxxam Job #: B580177
Report Date: 2015/09/25

Agnico Eagle Mines Ltd.
Client Project #: 2015/08/05 - 2015/09/07
Site Location: BAKER LAKE, NU
Your P.O. #: 458726

RESULTS OF CHEMICAL ANALYSES OF AIR

Maxxam ID		ND0671	ND0833	ND0834	ND0835	ND0836	ND0837		
Sampling Date		2015/08/05	2015/08/05	2015/08/05	2015/08/05	2015/08/05	2015/08/05		
	UNITS	DF-18-E-25A	DF-18-E-25B	DF-18-E-50A	DF-18-E-50B	DF-18-E-100A	DF-DUP-2	RDL	QC Batch
Industrial									
Exposure	days	33	33	33	33	33	33	1	8044736
Dustfall Determination									
Total Dustfall	mg	61	50	37	39	19	29	1	8044730
Total Dustfall (30 day)	mg/cm2/30day	0.675	0.554	0.407	0.434	0.207	0.327	0.001	8044732
Total Fixed Dustfall	mg	56	45	35	38	17	29	1	8044730
Total Fixed Dustfall (30 day)	mg/cm2/30day	0.621	0.501	0.394	0.427	0.194	0.321	0.001	8044732
RDL = Reportable Detection Limit									

Maxxam ID		ND0838	ND0839	ND0840	ND0841	ND0842		
Sampling Date		2015/08/05	2015/08/05	2015/08/05	2015/08/05	2015/08/05		
	UNITS	DF-18-E-100B	DF-18-E-150A	DF-18-E-150B	DF-18-E-300A	DF-18-E-300B	RDL	QC Batch
Industrial								
Exposure	days	33	33	33	33	33	1	8044736
Dustfall Determination								
Total Dustfall	mg	16	17	17	13	26	1	8044730
Total Dustfall (30 day)	mg/cm2/30day	0.180	0.194	0.194	0.140	0.287	0.001	8044732
Total Fixed Dustfall	mg	14	16	15	11	19	1	8044730
Total Fixed Dustfall (30 day)	mg/cm2/30day	0.154	0.174	0.167	0.120	0.207	0.001	8044732
RDL = Reportable Detection Limit								

Maxxam ID		ND0843	ND0844	ND0845	ND0846	ND0847		
Sampling Date		2015/08/05	2015/08/05	2015/08/05	2015/08/05	2015/08/05		
	UNITS	DF-18-W-25A	DF-18-W-25B	DF-18-W-50A	DF-18-DUP-1	DF-18-W-50B	RDL	QC Batch
Industrial								
Exposure	days	33	33	33	33	33	1	8044736
Dustfall Determination								
Total Dustfall	mg	38	110	37	34	32	1	8044730
Total Dustfall (30 day)	mg/cm2/30day	0.421	1.249	0.407	0.374	0.354	0.001	8044732
Total Fixed Dustfall	mg	33	110	34	33	31	1	8044730
Total Fixed Dustfall (30 day)	mg/cm2/30day	0.367	1.195	0.381	0.367	0.347	0.001	8044732
RDL = Reportable Detection Limit								

Maxxam Job #: B580177
Report Date: 2015/09/25

Agnico Eagle Mines Ltd.
Client Project #: 2015/08/05 - 2015/09/07
Site Location: BAKER LAKE, NU
Your P.O. #: 458726

RESULTS OF CHEMICAL ANALYSES OF AIR

Maxxam ID		ND0848	ND0849	ND0850	ND0851	ND0852		
Sampling Date		2015/08/05	2015/08/05	2015/08/05	2015/08/05	2015/08/05		
	UNITS	DF-18-W-100A	DF-18-W-100B	DF-18-W-150A	DF-18-W-150B	DF-18-W-1000A	RDL	QC Batch

Industrial								
Exposure	days	33	33	33	33	33	1	8044736
Dustfall Determination								
Total Dustfall	mg	43	19	19	16	8	1	8044730
Total Dustfall (30 day)	mg/cm2/30day	0.474	0.214	0.207	0.174	0.094	0.001	8044732
Total Fixed Dustfall	mg	26	19	16	16	7	1	8044730
Total Fixed Dustfall (30 day)	mg/cm2/30day	0.287	0.214	0.180	0.174	0.080	0.001	8044732
RDL = Reportable Detection Limit								

Maxxam ID		ND0853	ND0854	ND0855	ND0856	ND0857		
Sampling Date		2015/08/05	2015/08/05	2015/08/05	2015/08/05	2015/08/05		
	UNITS	DF-18-W-1000B	DF-78-W-25A	DF-78-W-25B	DF-78-W-50A	DF-78-W-50B	RDL	QC Batch

Industrial								
Exposure	days	33	33	33	33	33	1	8044736
Dustfall Determination								
Total Dustfall	mg	16	180	290	120	110	1	8044730
Total Dustfall (30 day)	mg/cm2/30day	0.180	2.050	3.279	1.289	1.209	0.001	8044732
Total Fixed Dustfall	mg	14	180	290	100	110	1	8044730
Total Fixed Dustfall (30 day)	mg/cm2/30day	0.154	1.990	3.179	1.122	1.189	0.001	8044732
RDL = Reportable Detection Limit								

Maxxam ID		ND0858		ND0859	ND0860	ND0861		
Sampling Date		2015/08/05		2015/08/05	2015/08/05	2015/08/05		
	UNITS	DF-78-W-100A	QC Batch	DF-78-W-100B	DF-78-W-150A	DF-DUP-3	RDL	QC Batch

Industrial								
Exposure	days	33	8044736	33	33	33	1	8044736
Dustfall Determination								
Total Dustfall	mg	55	8044730	51	31	25	1	8044731
Total Dustfall (30 day)	mg/cm2/30day	0.614	8044732	0.568	0.341	0.281	0.001	8044732
Total Fixed Dustfall	mg	53	8044730	51	23	23	1	8044731
Total Fixed Dustfall (30 day)	mg/cm2/30day	0.588	8044732	0.568	0.254	0.254	0.001	8044732
RDL = Reportable Detection Limit								

Maxxam Job #: B580177
Report Date: 2015/09/25

Agnico Eagle Mines Ltd.
Client Project #: 2015/08/05 - 2015/09/07
Site Location: BAKER LAKE, NU
Your P.O. #: 458726

RESULTS OF CHEMICAL ANALYSES OF AIR

Maxxam ID		ND0862	ND0863	ND0864	ND0865	ND0866		
Sampling Date		2015/08/05	2015/08/05	2015/08/05	2015/08/05	2015/08/05		
	UNITS	DF-78-W-150B	DF-78-W-300A	DF-78-W-300B	DF-78-W-1000A	DF-78-W-1000B	RDL	QC Batch

Industrial								
Exposure	days	33	33	33	33	33	1	8044737
Dustfall Determination								
Total Dustfall	mg	39	16	24	8	9	1	8044731
Total Dustfall (30 day)	mg/cm2/30day	0.434	0.180	0.267	0.094	0.100	0.001	8044733
Total Fixed Dustfall	mg	34	14	23	7	7	1	8044731
Total Fixed Dustfall (30 day)	mg/cm2/30day	0.374	0.160	0.254	0.080	0.080	0.001	8044733
RDL = Reportable Detection Limit								

Maxxam ID		ND0867	ND0868	ND0869	ND0870	ND0871	ND0872		
Sampling Date		2015/08/05	2015/08/05	2015/08/05	2015/08/05	2015/08/05	2015/08/05		
	UNITS	DF-78-E-25A	DF-78-E-25B	DF-78-E-50A	DF-78-E-50B	DF-78-E-100A	DF-78-E-100B	RDL	QC Batch

Industrial									
Exposure	days	33	33	33	33	33	33	1	8044737
Dustfall Determination									
Total Dustfall	mg	120	200	63	53	25	60	1	8044731
Total Dustfall (30 day)	mg/cm2/30day	1.349	2.211	0.701	0.588	0.274	0.668	0.001	8044733
Total Fixed Dustfall	mg	120	190	56	51	23	57	1	8044731
Total Fixed Dustfall (30 day)	mg/cm2/30day	1.296	2.131	0.628	0.568	0.260	0.634	0.001	8044733
RDL = Reportable Detection Limit									

Maxxam ID		ND0873	ND0874	ND0875	ND0876	ND0877	ND0878		
Sampling Date		2015/08/05	2015/08/05	2015/08/05	2015/08/05	2015/08/05	2015/08/05		
	UNITS	DF-78-E-150A	DF-78-E-150B	DF-78-E-300A	DF-DUP-4	DF-78-E-300B	DF-W-300A	RDL	QC Batch

Industrial									
Exposure	days	33	33	33	33	33	33	1	8044737
Dustfall Determination									
Total Dustfall	mg	64	33	15	23	22	32	1	8044731
Total Dustfall (30 day)	mg/cm2/30day	0.715	0.367	0.167	0.260	0.247	0.361	0.001	8044733
Total Fixed Dustfall	mg	46	25	14	21	19	16	1	8044731
Total Fixed Dustfall (30 day)	mg/cm2/30day	0.508	0.281	0.154	0.234	0.207	0.174	0.001	8044733
RDL = Reportable Detection Limit									

Maxxam Job #: B580177
Report Date: 2015/09/25

Agnico Eagle Mines Ltd.
Client Project #: 2015/08/05 - 2015/09/07
Site Location: BAKER LAKE, NU
Your P.O. #: 458726

RESULTS OF CHEMICAL ANALYSES OF AIR

Maxxam ID		ND0879	ND0880		NE7949		
Sampling Date		2015/08/05	2015/08/05		2015/08/05		
	UNITS	DF-W-300B	DF-78-E-1000A	QC Batch	DF-78-E-1000B	RDL	QC Batch
Industrial							
Exposure	days	33	33	8044737	33	1	8049404
Dustfall Determination							
Total Dustfall	mg	14	10	8044731	3	1	8044731
Total Dustfall (30 day)	mg/cm2/30day	0.160	0.107	8044733	0.033	0.001	8050264
Total Fixed Dustfall	mg	8	8	8044731	1	1	8044731
Total Fixed Dustfall (30 day)	mg/cm2/30day	0.094	0.094	8044733	0.013	0.001	8050264
RDL = Reportable Detection Limit							

Maxxam Job #: B580177
Report Date: 2015/09/25

Agnico Eagle Mines Ltd.
Client Project #: 2015/08/05 - 2015/09/07
Site Location: BAKER LAKE, NU
Your P.O. #: 458726

GENERAL COMMENTS

Results relate only to the items tested.

Maxxam Job #: B580177
Report Date: 2015/09/25

Agnico Eagle Mines Ltd.
Client Project #: 2015/08/05 - 2015/09/07
Site Location: BAKER LAKE, NU
Your P.O. #: 458726

QUALITY ASSURANCE REPORT

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
8044730	OZ	Method Blank	Total Dustfall	2015/09/21	<1		mg	
			Total Fixed Dustfall	2015/09/21	<1		mg	
8044730	OZ	RPD [ND0671-01]	Total Dustfall	2015/09/21	2.0		%	N/A
			Total Fixed Dustfall	2015/09/21	1.1		%	N/A
8044730	OZ	RPD [ND0845-01]	Total Dustfall	2015/09/23	3.3		%	N/A
			Total Fixed Dustfall	2015/09/23	1.7		%	N/A
8044731	OZ	Method Blank	Total Dustfall	2015/09/24	<1		mg	
			Total Fixed Dustfall	2015/09/24	<1		mg	
8044731	OZ	RPD [ND0860-01]	Total Dustfall	2015/09/24	8.2		%	N/A
			Total Fixed Dustfall	2015/09/24	8.2		%	N/A
8044731	OZ	RPD [ND0875-01]	Total Dustfall	2015/09/25	4.1		%	N/A
			Total Fixed Dustfall	2015/09/25	4.4		%	N/A

N/A = Not Applicable

Duplicate: Paired analysis of a separate portion of the same sample. Used to evaluate the variance in the measurement.

Method Blank: A blank matrix containing all reagents used in the analytical procedure. Used to identify laboratory contamination.

Maxxam Job #: B580177
Report Date: 2015/09/25

Agnico Eagle Mines Ltd.
Client Project #: 2015/08/05 - 2015/09/07
Site Location: BAKER LAKE, NU
Your P.O. #: 458726

VALIDATION SIGNATURE PAGE

The analytical data and all QC contained in this report were reviewed and validated by the following individual(s).



Linda Lin, Supervisor, Centre for Passive Sampling Technology

Maxxam has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per section 5.10.2 of ISO/IEC 17025:2005(E), signing the reports. For Service Group specific validation please refer to the Validation Signature Page.

Your P.O. #: 428049
Your Project #: PM2.5/10/TSP
Site Location: BAKER LAKE, NU

Attention:MEADOWBANK ENVIRONMENT

Agnico Eagle Mines Ltd.
Meadowbank Division
10200, Route du Preissac
Rouyn-Noranda, QC
CANADA J0Y 1C0

Report Date: 2015/09/10
Report #: R2038756
Version: 1 - Final

CERTIFICATE OF ANALYSIS

MAXXAM JOB #: B575658

Received: 2015/09/01, 08:07

Sample Matrix: Filter
Samples Received: 41

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Analytical Method
Mass Determination(ug/filter)	41	N/A	2015/09/10	PTC SOP-00151	EPA 2.12 Monitoring

* RPDs calculated using raw data. The rounding of final results may result in the apparent difference.

Encryption Key

Please direct all questions regarding this Certificate of Analysis to your Project Manager.

Levi Manchak, Customer Service

Email: LManchak@maxxam.ca

Phone# (780) 378-8500

=====

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Maxxam Job #: B575658
Report Date: 2015/09/10

Agnico Eagle Mines Ltd.
Client Project #: PM2.5/10/TSP
Site Location: BAKER LAKE, NU
Your P.O. #: 428049

RESULTS OF CHEMICAL ANALYSES OF FILTER

Maxxam ID		NA4422	NA4423	NA4424	NA4425	NA4426		
Sampling Date		2015/07/05	2015/07/11	2015/07/17	2015/07/23	2015/07/29		
	UNITS	PM2.5 RP28690	PM2.5 RP27516	PM2.5 RP24907	PM2.5 RP10077	PM2.5 RP913	RDL	QC Batch

PM2.5/10								
Particulate Matter	ug/filter	22	15	10	13	10	3	8033401
RDL = Reportable Detection Limit								

Maxxam ID		NA4427	NA4428	NA4429	NA4430	NA4431		
Sampling Date		2015/08/04	2015/08/10	2015/07/05	2015/07/11	2015/07/17		
	UNITS	PM2.5 RP19960	PM2.5 RP27510	PM2.5 RP54448	PM2.5 RP90540	PM2.5 RP95651	RDL	QC Batch

PM2.5/10								
Particulate Matter	ug/filter	19	<3	27	6	34	3	8033401
RDL = Reportable Detection Limit								

Maxxam ID		NA4432	NA4433	NA4434	NA4437	NA4438		
Sampling Date		2015/07/23	2015/07/29	2015/08/04	2015/07/05	2015/07/11		
	UNITS	PM2.5 RP27518	PM2.5 RP89980	PM2.5 RP14350	PM10 RP25442	PM10 RP15509	RDL	QC Batch

PM2.5/10								
Particulate Matter	ug/filter	89	24	19	254	77	3	8033401
RDL = Reportable Detection Limit								

Maxxam ID		NA4439	NA4440	NA4441	NA4442	NA4443		
Sampling Date		2015/07/17	2015/07/23	2015/07/29	2015/08/04	2015/08/10		
	UNITS	PM10 RP90576	PM10 RP29758	PM10 RP2884	PM10 RP29748	PM10 RP13270	RDL	QC Batch

PM2.5/10								
Particulate Matter	ug/filter	190	385	203	559	288	3	8033401
RDL = Reportable Detection Limit								

Maxxam ID		NA4444	NA4445	NA4446	NA4447	NA4448		
Sampling Date		2015/07/05	2015/07/11	2015/07/17	2015/07/23	2015/07/29		
	UNITS	PM10 RP84373	PM10 RP54412	PM10 RP15541	PM10 RP9932	PM10 RP9918	RDL	QC Batch

PM2.5/10								
Particulate Matter	ug/filter	53	22	198	582	52	3	8033401
RDL = Reportable Detection Limit								

Maxxam Job #: B575658
Report Date: 2015/09/10

Agnico Eagle Mines Ltd.
Client Project #: PM2.5/10/TSP
Site Location: BAKER LAKE, NU
Your P.O. #: 428049

RESULTS OF CHEMICAL ANALYSES OF FILTER

Maxxam ID		NA4449	NA4453	NA4454	NA4455	NA4456		
Sampling Date		2015/08/04	2015/07/05	2015/07/11	2015/07/17	2015/07/23		
	UNITS	PM10 RP10081	TSP RP15527	TSP RP15511	TSP RP22213	TSP RP17839	RDL	QC Batch

PM2.5/10								
Particulate Matter	ug/filter	78	491	51	120	931	3	8033401
RDL = Reportable Detection Limit								

Maxxam ID		NA4457	NA4458	NA4459	NA4460	NA4461	NA4462		
Sampling Date		2015/07/29	2015/08/04	2015/08/10	2015/07/05	2015/07/11	2015/07/17		
	UNITS	TSP RP15514	TSP RP90570	TSP RP84367	TSP RP924	TSP RP15564	TSP RP90582	RDL	QC Batch

PM2.5/10									
Particulate Matter	ug/filter	225	203	223	117	22	703	3	8033402
RDL = Reportable Detection Limit									

Maxxam ID		NA4463	NA4464	NA4465	NA4469	NA4470		
Sampling Date		2015/07/23	2015/07/29	2015/08/04				
	UNITS	TSP RP22665	TSP RP90561	TSP RP868	TRAVEL BLANK RP15071	LAB BLANK	RDL	QC Batch

PM2.5/10								
Particulate Matter	ug/filter	2380	1770	344	<3	<3	3	8033402
RDL = Reportable Detection Limit								

Maxxam Job #: B575658
Report Date: 2015/09/10

Agnico Eagle Mines Ltd.
Client Project #: PM2.5/10/TSP
Site Location: BAKER LAKE, NU
Your P.O. #: 428049

GENERAL COMMENTS

Results relate only to the items tested.

Maxxam Job #: B575658
Report Date: 2015/09/10

Agnico Eagle Mines Ltd.
Client Project #: PM2.5/10/TSP
Site Location: BAKER LAKE, NU
Your P.O. #: 428049

VALIDATION SIGNATURE PAGE

The analytical data and all QC contained in this report were reviewed and validated by the following individual(s).



Linda Lin, Supervisor, Centre for Passive Sampling Technology

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Your P.O. #: 428049
Your Project #: 2015/07/23 - 2015/08/23
Site Location: BAKER LAKE, NU

Attention:MEADOWBANK ENVIRONMENT

Agnico Eagle Mines Ltd.
Meadowbank Division
10200, Route du Preissac
Rouyn-Noranda, QC
CANADA J0Y 1C0

Report Date: 2015/09/03
Report #: R2035049
Version: 1 - Final

CERTIFICATE OF ANALYSIS

MAXXAM JOB #: B575666
Received: 2015/09/01, 08:27

Sample Matrix: Air
Samples Received: 4

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Analytical Method
Determination of Dustfall-mg/cm2/30 days	4	2015/09/03	2015/09/03	PTC SOP-00180	
Total & Fixed Dustfall	4	2015/09/03	2015/09/03	PTC SOP-00180	AMD 32020
Exposure (Number of days)	4	2015/09/03	2015/09/03	PTC SOP-00146 PTC SOP-00154 PTC SOP-00180	

* RPDs calculated using raw data. The rounding of final results may result in the apparent difference.

Encryption Key

Please direct all questions regarding this Certificate of Analysis to your Project Manager.
Levi Manchak, Customer Service
Email: LManchak@maxxam.ca
Phone# (780) 378-8500

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Maxxam Job #: B575666
Report Date: 2015/09/03

Agnico Eagle Mines Ltd.
Client Project #: 2015/07/23 - 2015/08/23
Site Location: BAKER LAKE, NU
Your P.O. #: 428049

RESULTS OF CHEMICAL ANALYSES OF AIR

Maxxam ID		NA4558	NA4559	NA4560	NA4561		
Sampling Date		2015/07/23	2015/07/23	2015/07/23	2015/07/23		
	UNITS	1	2	3	4	RDL	QC Batch
Industrial							
Exposure	days	31	31	31	31	1	8026927
Dustfall Determination							
Total Dustfall	mg	22	13	10	9	1	8026924
Total Dustfall (30 day)	mg/cm2/30day	0.256	0.156	0.121	0.107	0.001	8026925
Total Fixed Dustfall	mg	19	10	8	7	1	8026924
Total Fixed Dustfall (30 day)	mg/cm2/30day	0.220	0.114	0.092	0.085	0.001	8026925
RDL = Reportable Detection Limit							

Maxxam Job #: B575666
Report Date: 2015/09/03

Agnico Eagle Mines Ltd.
Client Project #: 2015/07/23 - 2015/08/23
Site Location: BAKER LAKE, NU
Your P.O. #: 428049

GENERAL COMMENTS

Sample start date listed as 2015/07/20 on COC. Previous sample end date is 2015/07/23, so 2015/07/23 used as start date for this sample set.

Results relate only to the items tested.

Maxxam Job #: B575666
Report Date: 2015/09/03

Agnico Eagle Mines Ltd.
Client Project #: 2015/07/23 - 2015/08/23
Site Location: BAKER LAKE, NU
Your P.O. #: 428049

QUALITY ASSURANCE REPORT

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
8026924	OZ	Method Blank	Total Dustfall	2015/09/03	<1		mg	
			Total Fixed Dustfall	2015/09/03	<1		mg	
8026924	OZ	RPD [NA4558-01]	Total Dustfall	2015/09/03	2.8		%	N/A
			Total Fixed Dustfall	2015/09/03	0		%	N/A

N/A = Not Applicable

Duplicate: Paired analysis of a separate portion of the same sample. Used to evaluate the variance in the measurement.

Method Blank: A blank matrix containing all reagents used in the analytical procedure. Used to identify laboratory contamination.

Maxxam Job #: B575666
Report Date: 2015/09/03

Agnico Eagle Mines Ltd.
Client Project #: 2015/07/23 - 2015/08/23
Site Location: BAKER LAKE, NU
Your P.O. #: 428049

VALIDATION SIGNATURE PAGE

The analytical data and all QC contained in this report were reviewed and validated by the following individual(s).



Linda Lin, Supervisor, Centre for Passive Sampling Technology

Maxxam has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per section 5.10.2 of ISO/IEC 17025:2005(E), signing the reports. For Service Group specific validation please refer to the Validation Signature Page.

Your P.O. #: 428049
Your Project #: 2015/07/23 - 2015/08/23
Site Location: BAKER LAKE, NU

Attention:MEADOWBANK ENVIRONMENT

Agnico Eagle Mines Ltd.
Meadowbank Division
10200, Route du Preissac
Rouyn-Noranda, QC
CANADA J0Y 1C0

Report Date: 2015/09/03
Report #: R2035054
Version: 1 - Final

CERTIFICATE OF ANALYSIS

MAXXAM JOB #: B575667

Received: 2015/09/01, 08:29

Sample Matrix: Air
Samples Received: 3

Analyses	Date		Date Analyzed	Laboratory Method	Analytical Method
	Quantity	Extracted			
NO2 Passive Analysis (1)	2	2015/09/03	2015/09/03	PTC SOP-00148	Passive NO2 in ATM
Raw NO2 Passive Analysis	1	2015/09/03	2015/09/03	PTC SOP-00148	Tang Passive NO2 in

* RPDs calculated using raw data. The rounding of final results may result in the apparent difference.

(1) The detection limit is based on a 30 day sampling period.

Encryption Key

Please direct all questions regarding this Certificate of Analysis to your Project Manager.

Levi Manchak, Customer Service

Email: LManchak@maxxam.ca

Phone# (780) 378-8500

=====

Maxxam has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per section 5.10.2 of ISO/IEC 17025:2005(E), signing the reports. For Service Group specific validation please refer to the Validation Signature Page.

Maxxam Job #: B575667
Report Date: 2015/09/03

Agnico Eagle Mines Ltd.
Client Project #: 2015/07/23 - 2015/08/23
Site Location: BAKER LAKE, NU
Your P.O. #: 428049

RESULTS OF CHEMICAL ANALYSES OF AIR

Maxxam ID		NA4563	NA4564		NA4565	
Sampling Date		2015/07/23	2015/07/23			
	UNITS	NO2: 1	NO2: 2	RDL	NO2: BLANK	QC Batch
Passive Monitoring						
Calculated NO2	ppb	0.5	4.0	0.1		8026244
NO2	ppm				0.08	8026246
RDL = Reportable Detection Limit						

Maxxam Job #: B575667
Report Date: 2015/09/03

Agnico Eagle Mines Ltd.
Client Project #: 2015/07/23 - 2015/08/23
Site Location: BAKER LAKE, NU
Your P.O. #: 428049

GENERAL COMMENTS

Sample start date listed as 2015/07/20 on COC. Previous sample end date is 2015/07/23, so 2015/07/23 used as start date for this sample set.

Results relate only to the items tested.

Maxxam Job #: B575667
Report Date: 2015/09/03

Agnico Eagle Mines Ltd.
Client Project #: 2015/07/23 - 2015/08/23
Site Location: BAKER LAKE, NU
Your P.O. #: 428049

QUALITY ASSURANCE REPORT

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
8026244	SS6	Spiked Blank	Calculated NO2	2015/09/03		97	%	90 - 110
8026244	SS6	Method Blank	Calculated NO2	2015/09/03	<0.1		ppb	
<p>Spiked Blank: A blank matrix sample to which a known amount of the analyte, usually from a second source, has been added. Used to evaluate method accuracy.</p> <p>Method Blank: A blank matrix containing all reagents used in the analytical procedure. Used to identify laboratory contamination.</p>								

Maxxam Job #: B575667
Report Date: 2015/09/03

Agnico Eagle Mines Ltd.
Client Project #: 2015/07/23 - 2015/08/23
Site Location: BAKER LAKE, NU
Your P.O. #: 428049

VALIDATION SIGNATURE PAGE

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Linda Lin, Supervisor, Centre for Passive Sampling Technology

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Your P.O. #: 458726
Your Project #: 2015/08/23 - 2015/09/21
Site Location: BAKER LAKE, NU

Attention:MEADOWBANK ENVIRONMENT

Agnico Eagle Mines Ltd.
Meadowbank Division
10200, Route du Preissac
Rouyn-Noranda, QC
CANADA J0Y 1C0

Report Date: 2015/10/05
Report #: R2052465
Version: 1 - Final

CERTIFICATE OF ANALYSIS

MAXXAM JOB #: B584580

Received: 2015/09/28, 11:14

Sample Matrix: Air
Samples Received: 3

Analyses	Date		Date Analyzed	Laboratory Method	Analytical Method
	Quantity	Extracted			
NO2 Passive Analysis (1)	2	2015/10/02	2015/10/05	PTC SOP-00148	Passive NO2 in ATM
Raw NO2 Passive Analysis	1	2015/10/02	2015/10/02	PTC SOP-00148	Tang Passive NO2 in

* RPDs calculated using raw data. The rounding of final results may result in the apparent difference.

(1) The detection limit is based on a 30 day sampling period.

Encryption Key

Please direct all questions regarding this Certificate of Analysis to your Project Manager.

Levi Manchak, Customer Service

Email: LManchak@maxxam.ca

Phone# (780) 378-8500

=====

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Maxxam Job #: B584580
Report Date: 2015/10/05

Agnico Eagle Mines Ltd.
Client Project #: 2015/08/23 - 2015/09/21
Site Location: BAKER LAKE, NU
Your P.O. #: 458726

RESULTS OF CHEMICAL ANALYSES OF AIR

Maxxam ID		NF7970	NF7971		NF7972	
Sampling Date		2015/08/23 09:45	2015/08/23 10:15			
	UNITS	NO2: 1	NO2: 2	RDL	NO2: BLANK	QC Batch
Passive Monitoring						
Calculated NO2	ppb	1.2	3.2	0.1		8058948
NO2	ppm				0.10	8058953
RDL = Reportable Detection Limit						

Maxxam Job #: B584580
Report Date: 2015/10/05

Agnico Eagle Mines Ltd.
Client Project #: 2015/08/23 - 2015/09/21
Site Location: BAKER LAKE, NU
Your P.O. #: 458726

GENERAL COMMENTS

Results relate only to the items tested.

Maxxam Job #: B584580
Report Date: 2015/10/05

Agnico Eagle Mines Ltd.
Client Project #: 2015/08/23 - 2015/09/21
Site Location: BAKER LAKE, NU
Your P.O. #: 458726

QUALITY ASSURANCE REPORT

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
8058948	SS6	Spiked Blank	Calculated NO2	2015/10/02		97	%	90 - 110
8058948	SS6	Method Blank	Calculated NO2	2015/10/02	<0.1		ppb	
<p>Spiked Blank: A blank matrix sample to which a known amount of the analyte, usually from a second source, has been added. Used to evaluate method accuracy.</p> <p>Method Blank: A blank matrix containing all reagents used in the analytical procedure. Used to identify laboratory contamination.</p>								

Maxxam Job #: B584580
Report Date: 2015/10/05

Agnico Eagle Mines Ltd.
Client Project #: 2015/08/23 - 2015/09/21
Site Location: BAKER LAKE, NU
Your P.O. #: 458726

VALIDATION SIGNATURE PAGE

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Your P.O. #: 458726
Your Project #: 2015/08/23 - 2015/09/21
Site Location: BAKER LAKE, NU

Attention:MEADOWBANK ENVIRONMENT

Agnico Eagle Mines Ltd.
Meadowbank Division
10200, Route du Preissac
Rouyn-Noranda, QC
CANADA J0Y 1C0

Report Date: 2015/10/05
Report #: R2052188
Version: 1 - Final

CERTIFICATE OF ANALYSIS

MAXXAM JOB #: B584582

Received: 2015/09/28, 11:19

Sample Matrix: Air
Samples Received: 4

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Analytical Method
Determination of Dustfall-mg/cm2/30 days	4	2015/10/02	2015/10/02	PTC SOP-00180	
Total & Fixed Dustfall	4	2015/10/02	2015/10/02	PTC SOP-00180	AMD 32020
Exposure (Number of days)	4	2015/10/02	2015/10/02	PTC SOP-00146 PTC SOP-00154 PTC SOP-00180	

* RPDs calculated using raw data. The rounding of final results may result in the apparent difference.

Encryption Key

Please direct all questions regarding this Certificate of Analysis to your Project Manager.
Levi Manchak, Customer Service
Email: LManchak@maxxam.ca
Phone# (780) 378-8500

=====

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Maxxam Job #: B584582
Report Date: 2015/10/05

Agnico Eagle Mines Ltd.
Client Project #: 2015/08/23 - 2015/09/21
Site Location: BAKER LAKE, NU
Your P.O. #: 458726

RESULTS OF CHEMICAL ANALYSES OF AIR

Maxxam ID		NF7976	NF7977	NF7978	NF7979		
Sampling Date		2015/08/23	2015/08/23	2015/08/23	2015/08/23		
	UNITS	1	2	3	4	RDL	QC Batch
Industrial							
Exposure	days	29	29	29	29	1	8059861
Dustfall Determination							
Total Dustfall	mg	26	17	10	7	1	8059858
Total Dustfall (30 day)	mg/cm2/30day	0.328	0.213	0.124	0.084	0.001	8059859
Total Fixed Dustfall	mg	24	14	8	5	1	8059858
Total Fixed Dustfall (30 day)	mg/cm2/30day	0.301	0.172	0.098	0.068	0.001	8059859
RDL = Reportable Detection Limit							

Maxxam Job #: B584582
Report Date: 2015/10/05

Agnico Eagle Mines Ltd.
Client Project #: 2015/08/23 - 2015/09/21
Site Location: BAKER LAKE, NU
Your P.O. #: 458726

GENERAL COMMENTS

Results relate only to the items tested.

Maxxam Job #: B584582
Report Date: 2015/10/05

Agnico Eagle Mines Ltd.
Client Project #: 2015/08/23 - 2015/09/21
Site Location: BAKER LAKE, NU
Your P.O. #: 458726

QUALITY ASSURANCE REPORT

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
8059858	OZ	Method Blank	Total Dustfall	2015/10/02	<1		mg	
			Total Fixed Dustfall	2015/10/02	<1		mg	
8059858	OZ	RPD [NF7976-01]	Total Dustfall	2015/10/02	2.7		%	N/A
			Total Fixed Dustfall	2015/10/02	2.9		%	N/A

N/A = Not Applicable

Duplicate: Paired analysis of a separate portion of the same sample. Used to evaluate the variance in the measurement.

Method Blank: A blank matrix containing all reagents used in the analytical procedure. Used to identify laboratory contamination.

Maxxam Job #: B584582
Report Date: 2015/10/05

Agnico Eagle Mines Ltd.
Client Project #: 2015/08/23 - 2015/09/21
Site Location: BAKER LAKE, NU
Your P.O. #: 458726

VALIDATION SIGNATURE PAGE

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Linda Lin, Supervisor, Centre for Passive Sampling Technology

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Your P.O. #: 428049
Your Project #: PM2.5/10/TSP
Site Location: BAKER LAKE, NU

Attention:MEADOWBANK ENVIRONMENT

Agnico Eagle Mines Ltd.
Meadowbank Division
10200, Route du Preissac
Rouyn-Noranda, QC
CANADA J0Y 1C0

Report Date: 2015/10/21
Report #: R2061917
Version: 1 - Final

CERTIFICATE OF ANALYSIS

MAXXAM JOB #: B590408

Received: 2015/10/14, 09:38

Sample Matrix: Filter
Samples Received: 47

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Analytical Method
Mass Determination(ug/filter)	47	N/A	2015/10/21	PTC SOP-00151	EPA 2.12 Monitoring

* RPDs calculated using raw data. The rounding of final results may result in the apparent difference.

Encryption Key

Please direct all questions regarding this Certificate of Analysis to your Project Manager.

Levi Manchak, Customer Service

Email: LManchak@maxxam.ca

Phone# (780) 378-8500

=====

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Maxxam Job #: B590408
Report Date: 2015/10/21

Agnico Eagle Mines Ltd.
Client Project #: PM2.5/10/TSP
Site Location: BAKER LAKE, NU
Your P.O. #: 428049

RESULTS OF CHEMICAL ANALYSES OF FILTER

Maxxam ID		NJ4244	NJ4245	NJ4246	NJ4247	NJ4248		
Sampling Date		2015/08/16	2015/08/22	2015/08/28	2015/09/03	2015/09/09		
	UNITS	PM2.5 RP14316	PM2.5 RP15532	PM2.5 RP15528	PM2.5 RP28543	PM2.5 RP15277	RDL	QC Batch

PM2.5/10								
Particulate Matter	ug/filter	4	<3	<3	9	<3	3	8082655
RDL = Reportable Detection Limit								

Maxxam ID		NJ4249	NJ4250	NJ4251	NJ4252	NJ4253		
Sampling Date		2015/09/15	2015/09/21	2015/08/10	2015/08/16	2015/08/22		
	UNITS	PM2.5 RP881	PM2.5 RP25089	PM2.5 RP15531	PM2.5 RP9917	PM2.5 RP22896	RDL	QC Batch

PM2.5/10								
Particulate Matter	ug/filter	8	15	45	18	45	3	8082655
RDL = Reportable Detection Limit								

Maxxam ID		NJ4254	NJ4255	NJ4256	NJ4257	NJ4258		
Sampling Date		2015/08/28	2015/09/03	2015/09/10	2015/09/15	2015/09/21		
	UNITS	PM2.5 RP17819	PM2.5 RP46685	PM2.5 RP17774	PM2.5 RP4236	PM2.5 RP908	RDL	QC Batch

PM2.5/10								
Particulate Matter	ug/filter	12	43	15	47	87	3	8082655
RDL = Reportable Detection Limit								

Maxxam ID		NJ4259	NJ4260	NJ4261	NJ4262	NJ4263	NJ4264		
Sampling Date		2015/08/16	2015/08/22	2015/08/28	2015/09/03	2015/09/09	2015/09/15		
	UNITS	PM10 RP15506	PM10 RP895	PM10 RP15543	PM10 RP27276	PM10 RP883	PM10 RP79489	RDL	QC Batch

PM2.5/10									
Particulate Matter	ug/filter	322	143	85	265	61	432	3	8082655
RDL = Reportable Detection Limit									

Maxxam ID		NJ4265	NJ4266	NJ4267	NJ4268	NJ4269	NJ4270		
Sampling Date		2015/09/21	2015/08/10	2015/08/16	2015/08/22	2015/08/28	2015/09/03		
	UNITS	PM10 RP98002	PM10 RP4242	PM10 RP4248	PM10 RP9947	PM10 RP4252	PM10 RP10060	RDL	QC Batch

PM2.5/10									
Particulate Matter	ug/filter	339	248	97	462	54	124	3	8082655
RDL = Reportable Detection Limit									

Maxxam Job #: B590408
Report Date: 2015/10/21

Agnico Eagle Mines Ltd.
Client Project #: PM2.5/10/TSP
Site Location: BAKER LAKE, NU
Your P.O. #: 428049

RESULTS OF CHEMICAL ANALYSES OF FILTER

Maxxam ID		NJ4271	NJ4272	NJ4273		NJ4274	NJ4275		
Sampling Date		2015/09/09	2015/09/15	2015/09/21		2015/08/16	2015/08/22		
	UNITS	PM10 RP16554	PM10 RP22219	PM10 RP37984	QC Batch	TSP RP20606	TSP RP27514	RDL	QC Batch

PM2.5/10

Particulate Matter	ug/filter	34	121	109	8082655	57	83	3	8082656
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RDL = Reportable Detection Limit

Maxxam ID		NJ4276	NJ4277	NJ4278	NJ4279	NJ4280	NJ4281		
Sampling Date		2015/08/28	2015/09/03	2015/09/09	2015/09/15	2015/09/21	2015/08/04		
	UNITS	TSP RP17830	TSP RP15517	TSP RP20636	TSP RP16505	TSP RP92777	TSP RP17814	RDL	QC Batch

PM2.5/10

Particulate Matter	ug/filter	69	167	49	116	121	441	3	8082656
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RDL = Reportable Detection Limit

Maxxam ID		NJ4282	NJ4357	NJ4359	NJ4360	NJ4361	NJ4362		
Sampling Date		2015/08/10	2015/08/16	2015/08/22	2015/08/28	2015/09/03	2015/09/09		
	UNITS	TSP RP54430	TSP RP92799	TSP RP27590	TSP RP28681	TSP RP85916	TSP RP10344	RDL	QC Batch

PM2.5/10

Particulate Matter	ug/filter	150	778	244	313	95	111	3	8082656
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RDL = Reportable Detection Limit

Maxxam ID		NJ4363	NJ4364	NJ4366		
Sampling Date		2015/09/15				
	UNITS	TSP RP93472	TRAVEL BLANK RP896	LAB BLANK	RDL	QC Batch

PM2.5/10

Particulate Matter	ug/filter	134	<3	<3	3	8082656
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RDL = Reportable Detection Limit

Maxxam Job #: B590408
Report Date: 2015/10/21

Agnico Eagle Mines Ltd.
Client Project #: PM2.5/10/TSP
Site Location: BAKER LAKE, NU
Your P.O. #: 428049

GENERAL COMMENTS

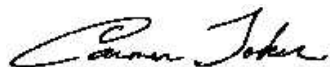
Results relate only to the items tested.

Maxxam Job #: B590408
Report Date: 2015/10/21

Agnico Eagle Mines Ltd.
Client Project #: PM2.5/10/TSP
Site Location: BAKER LAKE, NU
Your P.O. #: 428049

VALIDATION SIGNATURE PAGE

The analytical data and all QC contained in this report were reviewed and validated by the following individual(s).



Carmen Toker, CT, Manager Air Laboratory Services

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Your P.O. #: 458726
Your Project #: 2015/09/21 - 2015/10/24
Site Location: BAKER LAKE, NU

Attention:MEADOWBANK ENVIRONMENT

Agnico Eagle Mines Ltd.
Meadowbank Division
10200, Route du Preissac
Rouyn-Noranda, QC
CANADA J0Y 1C0

Report Date: 2015/11/09
Report #: R2074344
Version: 1 - Final

CERTIFICATE OF ANALYSIS

MAXXAM JOB #: B597518

Received: 2015/11/02, 10:38

Sample Matrix: Air
Samples Received: 3

Analyses	Date		Date Analyzed	Laboratory Method	Analytical Method
	Quantity	Extracted			
NO2 Passive Analysis (1)	2	2015/11/04	2015/11/09	PTC SOP-00148	Passive NO2 in ATM
Raw NO2 Passive Analysis	1	2015/11/04	2015/11/04	PTC SOP-00148	Tang Passive NO2 in

* RPDs calculated using raw data. The rounding of final results may result in the apparent difference.

(1) The detection limit is based on a 30 day sampling period.

Encryption Key

Please direct all questions regarding this Certificate of Analysis to your Project Manager.

Levi Manchak, Customer Service

Email: LManchak@maxxam.ca

Phone# (780) 378-8500

=====

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Maxxam Job #: B597518
Report Date: 2015/11/09

Agnico Eagle Mines Ltd.
Client Project #: 2015/09/21 - 2015/10/24
Site Location: BAKER LAKE, NU
Your P.O. #: 458726

RESULTS OF CHEMICAL ANALYSES OF AIR

Maxxam ID		NN9227	NN9228		NN9229	
Sampling Date		2015/09/21 10:13	2015/09/21 08:04			
	UNITS	NO2: 1	NO2: 2	RDL	NO2: BLANK	QC Batch
Passive Monitoring						
Calculated NO2	ppb	0.3	0.7	0.1		8100984
NO2	ppm				0.06	8100987
RDL = Reportable Detection Limit						

Maxxam Job #: B597518
Report Date: 2015/11/09

Agnico Eagle Mines Ltd.
Client Project #: 2015/09/21 - 2015/10/24
Site Location: BAKER LAKE, NU
Your P.O. #: 458726

GENERAL COMMENTS

Results relate only to the items tested.

Maxxam Job #: B597518
Report Date: 2015/11/09

Agnico Eagle Mines Ltd.
Client Project #: 2015/09/21 - 2015/10/24
Site Location: BAKER LAKE, NU
Your P.O. #: 458726

QUALITY ASSURANCE REPORT

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
8100984	SS6	Spiked Blank	Calculated NO2	2015/11/04		100	%	90 - 110
8100984	SS6	Method Blank	Calculated NO2	2015/11/04	<0.1		ppb	
<p>Spiked Blank: A blank matrix sample to which a known amount of the analyte, usually from a second source, has been added. Used to evaluate method accuracy.</p> <p>Method Blank: A blank matrix containing all reagents used in the analytical procedure. Used to identify laboratory contamination.</p>								

Maxxam Job #: B597518
Report Date: 2015/11/09

Agnico Eagle Mines Ltd.
Client Project #: 2015/09/21 - 2015/10/24
Site Location: BAKER LAKE, NU
Your P.O. #: 458726

VALIDATION SIGNATURE PAGE

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Linda Lin, Supervisor, Centre for Passive Sampling Technology

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Your P.O. #: 458726
Your Project #: 2015/09/21 - 2015/10/24
Site Location: BAKER LAKE, NU

Attention:MEADOWBANK ENVIRONMENT

Agnico Eagle Mines Ltd.
Meadowbank Division
10200, Route du Preissac
Rouyn-Noranda, QC
CANADA J0Y 1C0

Report Date: 2015/11/09
Report #: R2074346
Version: 1 - Final

CERTIFICATE OF ANALYSIS

MAXXAM JOB #: B597522

Received: 2015/11/02, 10:41

Sample Matrix: Air
Samples Received: 4

Analyses	Quantity	Date	Date	Laboratory Method	Analytical Method
		Extracted	Analyzed		
Determination of Dustfall-mg/cm2/30 days	4	2015/11/06	2015/11/06	PTC SOP-00180	
Total & Fixed Dustfall	4	2015/11/06	2015/11/06	PTC SOP-00180	AMD 32020
Exposure (Number of days)	4	2015/11/06	2015/11/06	PTC SOP-00146 PTC SOP-00154 PTC SOP-00180	

* RPDs calculated using raw data. The rounding of final results may result in the apparent difference.

Encryption Key

Please direct all questions regarding this Certificate of Analysis to your Project Manager.

Levi Manchak, Customer Service
Email: LManchak@maxxam.ca
Phone# (780) 378-8500

=====

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Maxxam Job #: B597522
Report Date: 2015/11/09

Agnico Eagle Mines Ltd.
Client Project #: 2015/09/21 - 2015/10/24
Site Location: BAKER LAKE, NU
Your P.O. #: 458726

RESULTS OF CHEMICAL ANALYSES OF AIR

Maxxam ID		NN9236	NN9237	NN9238	NN9239		
Sampling Date		2015/09/21	2015/09/21	2015/09/21	2015/09/21		
	UNITS	1	2	3	4	RDL	QC Batch
Industrial							
Exposure	days	33	33	35	33	1	8104951
Dustfall Determination							
Total Dustfall	mg	9	8	10	7	2	8104948
Total Dustfall (30 day)	mg/cm2/30day	0.101	0.087	0.101	0.078	0.002	8104949
Total Fixed Dustfall	mg	9	7	8	5	2	8104948
Total Fixed Dustfall (30 day)	mg/cm2/30day	0.101	0.072	0.088	0.056	0.002	8104949
RDL = Reportable Detection Limit							

Maxxam Job #: B597522
Report Date: 2015/11/09

Agnico Eagle Mines Ltd.
Client Project #: 2015/09/21 - 2015/10/24
Site Location: BAKER LAKE, NU
Your P.O. #: 458726

GENERAL COMMENTS

Results relate only to the items tested.

Maxxam Job #: B597522
Report Date: 2015/11/09

Agnico Eagle Mines Ltd.
Client Project #: 2015/09/21 - 2015/10/24
Site Location: BAKER LAKE, NU
Your P.O. #: 458726

QUALITY ASSURANCE REPORT

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
8104948	OZ	Spiked Blank	Total Dustfall	2015/11/06		100	%	N/A
8104948	OZ	Method Blank	Total Dustfall	2015/11/06	<1		mg	
			Total Fixed Dustfall	2015/11/06	<1		mg	
8104948	OZ	RPD [NN9236-01]	Total Dustfall	2015/11/06	NC		%	N/A
			Total Fixed Dustfall	2015/11/06	NC		%	N/A

N/A = Not Applicable

Duplicate: Paired analysis of a separate portion of the same sample. Used to evaluate the variance in the measurement.

Spiked Blank: A blank matrix sample to which a known amount of the analyte, usually from a second source, has been added. Used to evaluate method accuracy.

Method Blank: A blank matrix containing all reagents used in the analytical procedure. Used to identify laboratory contamination.

NC (Duplicate RPD): The duplicate RPD was not calculated. The concentration in the sample and/or duplicate was too low to permit a reliable RPD calculation (one or both samples < 5x RDL).

Maxxam Job #: B597522
Report Date: 2015/11/09

Agnico Eagle Mines Ltd.
Client Project #: 2015/09/21 - 2015/10/24
Site Location: BAKER LAKE, NU
Your P.O. #: 458726

VALIDATION SIGNATURE PAGE

The analytical data and all QC contained in this report were reviewed and validated by the following individual(s).



Linda Lin, Supervisor, Centre for Passive Sampling Technology

Maxxam has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per section 5.10.2 of ISO/IEC 17025:2005(E), signing the reports. For Service Group specific validation please refer to the Validation Signature Page.

Your P.O. #: 428049
Your Project #: PM2.5/10/TSP
Site Location: BAKER LAKE, NU

Attention:MEADOWBANK ENVIRONMENT

Agnico Eagle Mines Ltd.
Meadowbank Division
10200, Route du Preissac
Rouyn-Noranda, QC
CANADA J0Y 1C0

Report Date: 2015/11/12
Report #: R2076720
Version: 1 - Final

CERTIFICATE OF ANALYSIS

MAXXAM JOB #: B597524

Received: 2015/11/02, 10:43

Sample Matrix: Filter
Samples Received: 32

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Analytical Method
Mass Determination(ug/filter)	32	N/A	2015/11/11	PTC SOP-00151	EPA 2.12 Monitoring

* RPDs calculated using raw data. The rounding of final results may result in the apparent difference.

Encryption Key

Please direct all questions regarding this Certificate of Analysis to your Project Manager.

Levi Manchak, Customer Service

Email: LManchak@maxxam.ca

Phone# (780) 378-8500

=====

Maxxam has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per section 5.10.2 of ISO/IEC 17025:2005(E), signing the reports. For Service Group specific validation please refer to the Validation Signature Page.

Maxxam Job #: B597524
Report Date: 2015/11/12

Agnico Eagle Mines Ltd.
Client Project #: PM2.5/10/TSP
Site Location: BAKER LAKE, NU
Your P.O. #: 428049

RESULTS OF CHEMICAL ANALYSES OF FILTER

Maxxam ID		NN9245	NN9246	NN9247	NN9248	NN9249		
Sampling Date		2015/09/27	2015/10/03	2015/10/09	2015/10/15	2015/10/21		
	UNITS	PM2.5 RP22212	PM2.5 RP13060	PM2.5 RP880	PM2.5 RP10064	PM2.5 RP93460	RDL	QC Batch

PM2.5/10

Particulate Matter	ug/filter	5	6	<3	11	8	3	8109558
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RDL = Reportable Detection Limit

Maxxam ID		NN9250	NN9251	NN9252	NN9253	NN9254		
Sampling Date		2015/09/27	2015/10/03	2015/10/09	2015/10/15	2015/10/21		
	UNITS	PM2.5 RP22199	PM2.5 RP27515	PM2.5 RP76151	PM2.5 RP4234	PM2.5 RP922	RDL	QC Batch

PM2.5/10

Particulate Matter	ug/filter	64	68	21	25	93	3	8109558
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RDL = Reportable Detection Limit

Maxxam ID		NN9260	NN9261	NN9262	NN9263	NN9264		
Sampling Date		2015/09/27	2015/10/03	2015/10/09	2015/10/15	2015/10/21		
	UNITS	PM10 RP15545	PM10 RP15507	PM10 RP907	PM10 RP18953	PM10 RP15503	RDL	QC Batch

PM2.5/10

Particulate Matter	ug/filter	400	90	257	266	415	3	8109558
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RDL = Reportable Detection Limit

Maxxam ID		NN9265	NN9266	NN9267	NN9268	NN9269	NN9275		
Sampling Date		2015/09/27	2015/10/03	2015/10/09	2015/10/15	2015/10/21	2015/09/27		
	UNITS	PM10 RP20646	PM10 RP27285	PM10 RP17828	PM10 RP54427	PM10 RP16082	TSP RP1582	RDL	QC Batch

PM2.5/10

Particulate Matter	ug/filter	71	92	63	250	181	22	3	8109558
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RDL = Reportable Detection Limit

Maxxam ID		NN9276	NN9277	NN9278	NN9279	NN9280	NN9281		
Sampling Date		2015/10/03	2015/10/09	2015/10/15	2015/10/21	2015/09/27	2015/10/03		
	UNITS	TSP RP878	TSP RP15519	TSP RP15062	TSP RP12410	TSP RP18848	TSP RP17813	RDL	QC Batch

PM2.5/10

Particulate Matter	ug/filter	277	165	365	320	95	483	3	8109558
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RDL = Reportable Detection Limit

Maxxam Job #: B597524
Report Date: 2015/11/12

Agnico Eagle Mines Ltd.
Client Project #: PM2.5/10/TSP
Site Location: BAKER LAKE, NU
Your P.O. #: 428049

RESULTS OF CHEMICAL ANALYSES OF FILTER

Maxxam ID		NN9282	NN9283	NN9284		NN9290	NN9291		
Sampling Date		2015/10/09	2015/10/15	2015/10/21					
	UNITS	TSP RP1574	TSP RP13270	TSP RP15514	QC Batch	TRAVEL BLANK RP85959	LAB BLANK	RDL	QC Batch
PM2.5/10									
Particulate Matter	ug/filter	158	158	831	8109558	6	<3	3	8109559
RDL = Reportable Detection Limit									

Maxxam Job #: B597524
Report Date: 2015/11/12

Agnico Eagle Mines Ltd.
Client Project #: PM2.5/10/TSP
Site Location: BAKER LAKE, NU
Your P.O. #: 428049

GENERAL COMMENTS

Results relate only to the items tested.

Maxxam Job #: B597524
Report Date: 2015/11/12

Agnico Eagle Mines Ltd.
Client Project #: PM2.5/10/TSP
Site Location: BAKER LAKE, NU
Your P.O. #: 428049

VALIDATION SIGNATURE PAGE

The analytical data and all QC contained in this report were reviewed and validated by the following individual(s).



Linda Lin, Supervisor, Centre for Passive Sampling Technology

Maxxam has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per section 5.10.2 of ISO/IEC 17025:2005(E), signing the reports. For Service Group specific validation please refer to the Validation Signature Page.

Your P.O. #: 428048
Your Project #: 2015/10/24 - 2015/11/24
Site Location: BAKER LAKE, NU

Attention:MEADOWBANK ENVIRONMENT

Agnico Eagle Mines Ltd.
Meadowbank Division
10200, Route du Preissac
Rouyn-Noranda, QC
CANADA J0Y 1C0

Report Date: 2015/12/15
Report #: R2097066
Version: 1 - Final

CERTIFICATE OF ANALYSIS

MAXXAM JOB #: B5A8463

Received: 2015/12/07, 09:39

Sample Matrix: Air
Samples Received: 3

Analyses	Date		Date Analyzed	Laboratory Method	Analytical Method
	Quantity	Extracted			
NO2 Passive Analysis (1)	2	2015/12/12	2015/12/15	PTC SOP-00148	Passive NO2 in ATM
Raw NO2 Passive Analysis	1	2015/12/12	2015/12/12	PTC SOP-00148	Tang Passive NO2 in

* RPDs calculated using raw data. The rounding of final results may result in the apparent difference.

(1) The detection limit is based on a 30 day sampling period.

Encryption Key

Please direct all questions regarding this Certificate of Analysis to your Project Manager.

Levi Manchak, Customer Service

Email: LManchak@maxxam.ca

Phone# (780) 378-8500

=====

Maxxam has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per section 5.10.2 of ISO/IEC 17025:2005(E), signing the reports. For Service Group specific validation please refer to the Validation Signature Page.

Maxxam Job #: B5A8463
Report Date: 2015/12/15

Agnico Eagle Mines Ltd.
Client Project #: 2015/10/24 - 2015/11/24
Site Location: BAKER LAKE, NU
Your P.O. #: 428048

RESULTS OF CHEMICAL ANALYSES OF AIR

Maxxam ID		NU1395	NU1396		NU1397	
Sampling Date		2015/10/24 14:37	2015/10/24 14:53			
	UNITS	NO2: 1	NO2: 2	RDL	NO2: BLANK	QC Batch
Passive Monitoring						
Calculated NO2	ppb	0.6	0.8	0.1		8142426
NO2	ppm				0.06	8142427
RDL = Reportable Detection Limit						

Maxxam Job #: B5A8463
Report Date: 2015/12/15

Agnico Eagle Mines Ltd.
Client Project #: 2015/10/24 - 2015/11/24
Site Location: BAKER LAKE, NU
Your P.O. #: 428048

GENERAL COMMENTS

Results relate only to the items tested.

Maxxam Job #: B5A8463
Report Date: 2015/12/15

Agnico Eagle Mines Ltd.
Client Project #: 2015/10/24 - 2015/11/24
Site Location: BAKER LAKE, NU
Your P.O. #: 428048

QUALITY ASSURANCE REPORT

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
8142426	SS6	Spiked Blank	Calculated NO2	2015/12/12		99	%	90 - 110
8142426	SS6	Method Blank	Calculated NO2	2015/12/12	<0.1		ppb	
<p>Spiked Blank: A blank matrix sample to which a known amount of the analyte, usually from a second source, has been added. Used to evaluate method accuracy.</p> <p>Method Blank: A blank matrix containing all reagents used in the analytical procedure. Used to identify laboratory contamination.</p>								

Maxxam Job #: B5A8463
Report Date: 2015/12/15

Agnico Eagle Mines Ltd.
Client Project #: 2015/10/24 - 2015/11/24
Site Location: BAKER LAKE, NU
Your P.O. #: 428048

VALIDATION SIGNATURE PAGE

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Linda Lin, Supervisor, Centre for Passive Sampling Technology

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Your P.O. #: 458726
Your Project #: 2015/10/24 - 2015/11/24
Site Location: BAKER LAKE, NU

Attention:MEADOWBANK ENVIRONMENT

Agnico Eagle Mines Ltd.
Meadowbank Division
10200, Route du Preissac
Rouyn-Noranda, QC
CANADA J0Y 1C0

Report Date: 2015/12/10
Report #: R2093289
Version: 1 - Final

CERTIFICATE OF ANALYSIS

MAXXAM JOB #: B5A8468

Received: 2015/12/07, 09:42

Sample Matrix: Air
Samples Received: 4

Analyses	Quantity	Date	Date	Laboratory Method	Analytical Method
		Extracted	Analyzed		
Determination of Dustfall-mg/cm2/30 days	4	2015/12/09	2015/12/09	PTC SOP-00180	
Total & Fixed Dustfall	4	2015/12/09	2015/12/09	PTC SOP-00180	AMD 32020
Exposure (Number of days)	4	2015/12/08	2015/12/08	PTC SOP-00146 PTC SOP-00154 PTC SOP-00180	

* RPDs calculated using raw data. The rounding of final results may result in the apparent difference.

Encryption Key

Please direct all questions regarding this Certificate of Analysis to your Project Manager.

Levi Manchak, Customer Service
Email: LManchak@maxxam.ca
Phone# (780) 378-8500

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Maxxam Job #: B5A8468
Report Date: 2015/12/10

Agnico Eagle Mines Ltd.
Client Project #: 2015/10/24 - 2015/11/24
Site Location: BAKER LAKE, NU
Your P.O. #: 458726

RESULTS OF CHEMICAL ANALYSES OF AIR

Maxxam ID		NU1409	NU1410	NU1411	NU1412		
Sampling Date		2015/10/24	2015/10/24	2015/10/24	2015/10/24		
	UNITS	1	2	3	4	RDL	QC Batch
Industrial							
Exposure	days	31	31	31	31	1	8137615
Dustfall Determination							
Total Dustfall	mg	23	5	8	2	1	8139381
Total Dustfall (30 day)	mg/cm2/30day	0.273	0.064	0.096	0.025	0.001	8139382
Total Fixed Dustfall	mg	23	5	8	2	1	8139381
Total Fixed Dustfall (30 day)	mg/cm2/30day	0.273	0.064	0.096	0.025	0.001	8139382
RDL = Reportable Detection Limit							

Maxxam Job #: B5A8468
Report Date: 2015/12/10

Agnico Eagle Mines Ltd.
Client Project #: 2015/10/24 - 2015/11/24
Site Location: BAKER LAKE, NU
Your P.O. #: 458726

GENERAL COMMENTS

Results relate only to the items tested.

Maxxam Job #: B5A8468
Report Date: 2015/12/10

Agnico Eagle Mines Ltd.
Client Project #: 2015/10/24 - 2015/11/24
Site Location: BAKER LAKE, NU
Your P.O. #: 458726

QUALITY ASSURANCE REPORT

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
8139381	OZ	Method Blank	Total Dustfall	2015/12/09	<1		mg	
			Total Fixed Dustfall	2015/12/09	<1		mg	
Method Blank: A blank matrix containing all reagents used in the analytical procedure. Used to identify laboratory contamination.								

Maxxam Job #: B5A8468
Report Date: 2015/12/10

Agnico Eagle Mines Ltd.
Client Project #: 2015/10/24 - 2015/11/24
Site Location: BAKER LAKE, NU
Your P.O. #: 458726

VALIDATION SIGNATURE PAGE

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Your P.O. #: 428049
Your Project #: PM2.5/10/TSP
Site Location: BAKER LAKE, NU

Attention:MEADOWBANK ENVIRONMENT

Agnico Eagle Mines Ltd.
Meadowbank Division
10200, Route du Preissac
Rouyn-Noranda, QC
CANADA J0Y 1C0

Report Date: 2015/12/15
Report #: R2096791
Version: 1 - Final

CERTIFICATE OF ANALYSIS

MAXXAM JOB #: B5A8469

Received: 2015/12/07, 09:45

Sample Matrix: Filter
Samples Received: 38

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Analytical Method
Mass Determination(ug/filter)	38	N/A	2015/12/14	PTC SOP-00151	EPA 2.12 Monitoring

* RPDs calculated using raw data. The rounding of final results may result in the apparent difference.

Encryption Key

Please direct all questions regarding this Certificate of Analysis to your Project Manager.

Levi Manchak, Customer Service

Email: LManchak@maxxam.ca

Phone# (780) 378-8500

=====

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Maxxam Job #: B5A8469
Report Date: 2015/12/15

Agnico Eagle Mines Ltd.
Client Project #: PM2.5/10/TSP
Site Location: BAKER LAKE, NU
Your P.O. #: 428049

RESULTS OF CHEMICAL ANALYSES OF FILTER

Maxxam ID		NU1413	NU1414	NU1415	NU1416	NU1417		
Sampling Date		2015/10/27	2015/11/02	2015/11/08	2015/11/14	2015/11/20		
	UNITS	PM2.5 RP15525	PM2.5 RP15564	PM2.5 RP85911	PM2.5 RP910	PM2.5 RP90582	RDL	QC Batch

PM2.5/10								
Particulate Matter	ug/filter	9	11	15	18	11	3	8143507
RDL = Reportable Detection Limit								

Maxxam ID		NU1418	NU1419	NU1420	NU1421	NU1422		
Sampling Date		2015/11/26	2015/10/27	2015/11/02	2015/11/08	2015/11/14		
	UNITS	PM2.5 RP919	PM2.5 RP15553	PM2.5 RP9932	PM2.5 RP15511	PM2.5 RP22665	RDL	QC Batch

PM2.5/10								
Particulate Matter	ug/filter	11	86	30	27	125	3	8143507
RDL = Reportable Detection Limit								

Maxxam ID		NU1423	NU1424	NU1425	NU1426	NU1427	NU1428		
Sampling Date		2015/11/20	2015/11/26	2015/10/27	2015/11/02	2015/11/08	2015/11/14		
	UNITS	PM2.5 RP913	PM2.5 RP76324	PM10 RP17876	PM10 RP54448	PM10 RP903	PM10 RP87504	RDL	QC Batch

PM2.5/10									
Particulate Matter	ug/filter	148	263	52	105	30	434	3	8143507
RDL = Reportable Detection Limit									

Maxxam ID		NU1429	NU1430	NU1431	NU1432	NU1434		
Sampling Date		2015/11/20	2015/11/26	2015/10/27	2015/11/02	2015/11/08		
	UNITS	PM10 RP9911	PM10 RP10081	PM10 RP9906	PM10 RP22213	PM10 RP15521	RDL	QC Batch

PM2.5/10								
Particulate Matter	ug/filter	382	155	94	30	21	3	8143507
RDL = Reportable Detection Limit								

Maxxam ID		NU1435	NU1436	NU1437	NU1438	NU1439	NU1440		
Sampling Date		2015/11/14	2015/11/20	2015/11/26	2015/10/27	2015/11/02	2015/11/08		
	UNITS	PM10 RP90561	PM10 RP15541	PM10 RP2875	TSP RP89980	TSP RP27516	TSP RP25442	RDL	QC Batch

PM2.5/10									
Particulate Matter	ug/filter	255	207	107	137	143	230	3	8143507
RDL = Reportable Detection Limit									

Maxxam Job #: B5A8469
Report Date: 2015/12/15

Agnico Eagle Mines Ltd.
Client Project #: PM2.5/10/TSP
Site Location: BAKER LAKE, NU
Your P.O. #: 428049

RESULTS OF CHEMICAL ANALYSES OF FILTER

Maxxam ID		NU1441	NU1442	NU1443		NU1444	NU1494	NU1495		
Sampling Date		2015/11/14	2015/11/20	2015/11/26		2015/10/21	2015/10/27	2015/11/02		
	UNITS	TSP RP2884	TSP RP10077	TSP RP15542	QC Batch	TSP RP15509	TSP RP924	TSP RP27518	RDL	QC Batch

PM2.5/10

Particulate Matter	ug/filter	58	65	54	8143507	754	892	299	3	8143508
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RDL = Reportable Detection Limit

Maxxam ID		NU1496	NU1497	NU1498	NU1499	NU1500		
Sampling Date		2015/11/08	2015/11/14	2015/11/20				
	UNITS	TSP RP15071	TSP RP54412	TSP PM22202	TRAVEL BLANK RP28673	LAB BLANK	RDL	QC Batch

PM2.5/10

Particulate Matter	ug/filter	610	177	100	12	3	3	8143508
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RDL = Reportable Detection Limit

Maxxam Job #: B5A8469
Report Date: 2015/12/15

Agnico Eagle Mines Ltd.
Client Project #: PM2.5/10/TSP
Site Location: BAKER LAKE, NU
Your P.O. #: 428049

GENERAL COMMENTS

Sample NU1428-01 : PM10 RP87504 had visibly darker color when received to the Lab. SS
PM2.5 RP90582 and TSP RP924 were ripped when received to the Lab. SS

Results relate only to the items tested.

Maxxam Job #: B5A8469
Report Date: 2015/12/15

Agnico Eagle Mines Ltd.
Client Project #: PM2.5/10/TSP
Site Location: BAKER LAKE, NU
Your P.O. #: 428049

VALIDATION SIGNATURE PAGE

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Linda Lin, Supervisor, Centre for Passive Sampling Technology

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Your P.O. #: 428049
Your Project #: 2015/11/24 - 2016/01/07
Site Location: BAKER LAKE, NU

Attention:MEADOWBANK ENVIRONMENT

Agnico Eagle Mines Ltd.
Meadowbank Division
10200, Route du Preissac
Rouyn-Noranda, QC
CANADA J0Y 1C0

Report Date: 2016/01/25
Report #: R2121436
Version: 1 - Final

CERTIFICATE OF ANALYSIS

MAXXAM JOB #: B603817

Received: 2016/01/19, 09:39

Sample Matrix: Air
Samples Received: 3

Analyses	Date		Date Analyzed	Laboratory Method	Analytical Method
	Quantity	Extracted			
NO2 Passive Analysis (1)	2	2016/01/21	2016/01/25	PTC SOP-00148	Passive NO2 in ATM
Raw NO2 Passive Analysis	1	2016/01/21	2016/01/21	PTC SOP-00148	Tang Passive NO2 in

* RPDs calculated using raw data. The rounding of final results may result in the apparent difference.

(1) The detection limit is based on a 30 day sampling period.

Encryption Key

Please direct all questions regarding this Certificate of Analysis to your Project Manager.

Levi Manchak, Customer Service

Email: LManchak@maxxam.ca

Phone# (780) 378-8500

=====

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Maxxam Job #: B603817
Report Date: 2016/01/25

Agnico Eagle Mines Ltd.
Client Project #: 2015/11/24 - 2016/01/07
Site Location: BAKER LAKE, NU
Your P.O. #: 428049

RESULTS OF CHEMICAL ANALYSES OF AIR

Maxxam ID		NZ0575	NZ0576		NZ0577	
Sampling Date		2015/11/24 10:00	2015/11/24 10:24			
	UNITS	NO2: 1	NO2: 2	RDL	NO2: BLANK	QC Batch
Passive Monitoring						
Calculated NO2	ppb	2.2	2.3	0.1		8171225
NO2	ppm				0.02	8171226
RDL = Reportable Detection Limit						

Maxxam Job #: B603817
Report Date: 2016/01/25

Agnico Eagle Mines Ltd.
Client Project #: 2015/11/24 - 2016/01/07
Site Location: BAKER LAKE, NU
Your P.O. #: 428049

GENERAL COMMENTS

Results relate only to the items tested.

Maxxam Job #: B603817
Report Date: 2016/01/25

Agnico Eagle Mines Ltd.
Client Project #: 2015/11/24 - 2016/01/07
Site Location: BAKER LAKE, NU
Your P.O. #: 428049

QUALITY ASSURANCE REPORT

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
8171225	SS6	Spiked Blank	Calculated NO2	2016/01/21		98	%	90 - 110
8171225	SS6	Method Blank	Calculated NO2	2016/01/21	<0.1		ppb	
<p>Spiked Blank: A blank matrix sample to which a known amount of the analyte, usually from a second source, has been added. Used to evaluate method accuracy.</p> <p>Method Blank: A blank matrix containing all reagents used in the analytical procedure. Used to identify laboratory contamination.</p>								

Maxxam Job #: B603817
Report Date: 2016/01/25

Agnico Eagle Mines Ltd.
Client Project #: 2015/11/24 - 2016/01/07
Site Location: BAKER LAKE, NU
Your P.O. #: 428049

VALIDATION SIGNATURE PAGE

The analytical data and all QC contained in this report were reviewed and validated by the following individual(s).



Linda Lin, Supervisor, Centre for Passive Sampling Technology

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Your P.O. #: 428049
Your Project #: 2015/11/24 - 2016/01/07
Site Location: BAKER LAKE, NU

Attention:MEADOWBANK ENVIRONMENT

Agnico Eagle Mines Ltd.
Meadowbank Division
10200, Route du Preissac
Rouyn-Noranda, QC
CANADA J0Y 1C0

Report Date: 2016/01/21
Report #: R2120412
Version: 1 - Final

CERTIFICATE OF ANALYSIS

MAXXAM JOB #: B603822
Received: 2016/01/19, 09:43

Sample Matrix: Air
Samples Received: 4

Analyses	Quantity	Date	Date	Laboratory Method	Analytical Method
		Extracted	Analyzed		
Determination of Dustfall-mg/cm2/30 days	4	2016/01/21	2016/01/21	PTC SOP-00180	
Total & Fixed Dustfall	4	2016/01/21	2016/01/21	PTC SOP-00180	AMD 32020
Exposure (Number of days)	4	2016/01/21	2016/01/21	PTC SOP-00146 PTC SOP-00154 PTC SOP-00180	

* RPDs calculated using raw data. The rounding of final results may result in the apparent difference.

Encryption Key

Please direct all questions regarding this Certificate of Analysis to your Project Manager.
Levi Manchak, Customer Service
Email: LManchak@maxxam.ca
Phone# (780) 378-8500

=====

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Maxxam Job #: B603822
Report Date: 2016/01/21

Agnico Eagle Mines Ltd.
Client Project #: 2015/11/24 - 2016/01/07
Site Location: BAKER LAKE, NU
Your P.O. #: 428049

RESULTS OF CHEMICAL ANALYSES OF AIR

Maxxam ID		NZ0588		NZ0589	NZ0590	NZ0591		
Sampling Date		2015/11/24		2015/11/24	2015/11/24	2015/11/24		
	UNITS	1	RDL	2	3	4	RDL	QC Batch
Industrial								
Exposure	days	44	1	44	44	44	1	8171375
Dustfall Determination								
Total Dustfall	mg	12	2	11	26	5	1	8171372
Total Dustfall (30 day)	mg/cm2/30day	0.098	0.002	0.095	0.220	0.040	0.001	8171373
Total Fixed Dustfall	mg	11	2	11	14	4	1	8171372
Total Fixed Dustfall (30 day)	mg/cm2/30day	0.090	0.002	0.090	0.115	0.035	0.001	8171373
RDL = Reportable Detection Limit								

Maxxam Job #: B603822
Report Date: 2016/01/21

Agnico Eagle Mines Ltd.
Client Project #: 2015/11/24 - 2016/01/07
Site Location: BAKER LAKE, NU
Your P.O. #: 428049

GENERAL COMMENTS

Results relate only to the items tested.

Maxxam Job #: B603822
Report Date: 2016/01/21

Agnico Eagle Mines Ltd.
Client Project #: 2015/11/24 - 2016/01/07
Site Location: BAKER LAKE, NU
Your P.O. #: 428049

QUALITY ASSURANCE REPORT

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
8171372	OZ	Method Blank	Total Dustfall	2016/01/21	<1		mg	
			Total Fixed Dustfall	2016/01/21	<1		mg	
8171372	OZ	RPD [NZ0588-01]	Total Dustfall	2016/01/21	8.0		%	N/A
			Total Fixed Dustfall	2016/01/21	NC		%	N/A

N/A = Not Applicable

Duplicate: Paired analysis of a separate portion of the same sample. Used to evaluate the variance in the measurement.

Method Blank: A blank matrix containing all reagents used in the analytical procedure. Used to identify laboratory contamination.

NC (Duplicate RPD): The duplicate RPD was not calculated. The concentration in the sample and/or duplicate was too low to permit a reliable RPD calculation (one or both samples < 5x RDL).

Maxxam Job #: B603822
Report Date: 2016/01/21

Agnico Eagle Mines Ltd.
Client Project #: 2015/11/24 - 2016/01/07
Site Location: BAKER LAKE, NU
Your P.O. #: 428049

VALIDATION SIGNATURE PAGE

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Your P.O. #: 428049
Your Project #: PM2.5/10/TSP
Site Location: BAKER LAKE, NU

Attention:MEADOWBANK ENVIRONMENT

Agnico Eagle Mines Ltd.
Meadowbank Division
10200, Route du Preissac
Rouyn-Noranda, QC
CANADA J0Y 1C0

Report Date: 2016/01/26
Report #: R2122056
Version: 1 - Final

CERTIFICATE OF ANALYSIS

MAXXAM JOB #: B603824

Received: 2016/01/19, 09:45

Sample Matrix: Filter
Samples Received: 20

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Analytical Method
Mass Determination(ug/filter)	20	N/A	2016/01/25	PTC SOP-00151	EPA 2.12 Monitoring

* RPDs calculated using raw data. The rounding of final results may result in the apparent difference.

Encryption Key

Please direct all questions regarding this Certificate of Analysis to your Project Manager.

Levi Manchak, Customer Service

Email: LManchak@maxxam.ca

Phone# (780) 378-8500

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Maxxam Job #: B603824
Report Date: 2016/01/26

Agnico Eagle Mines Ltd.
Client Project #: PM2.5/10/TSP
Site Location: BAKER LAKE, NU
Your P.O. #: 428049

RESULTS OF CHEMICAL ANALYSES OF FILTER

Maxxam ID		NZ0595	NZ0596	NZ0597	NZ0598	NZ0599		
Sampling Date		2015/12/02	2015/12/08	2015/12/14	2015/12/02	2015/12/08		
	UNITS	PM2.5 RP15487	PM2.5 RP15529	PM2.5 RP921	PM2.5 RP22214	PM2.5 RP15522	RDL	QC Batch

PM2.5/10

Particulate Matter	ug/filter	3	3	5	98	16	3	8174212
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RDL = Reportable Detection Limit

Maxxam ID		NZ0600	NZ0607	NZ0608	NZ0609	NZ0610		
Sampling Date		2015/12/14	2015/12/02	2015/12/08	2015/12/14	2015/12/02		
	UNITS	PM2.5 RP4246	PM10 RP10082	PM10 RP10074	PM10 RP15533	PM10 RP22215	RDL	QC Batch

PM2.5/10

Particulate Matter	ug/filter	129	169	60	27	34	3	8174212
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RDL = Reportable Detection Limit

Maxxam ID		NZ0611	NZ0612	NZ0619	NZ0620	NZ0621	NZ0622		
Sampling Date		2015/12/08	2015/12/14	2015/12/02	2015/12/08	2015/12/14	2015/12/02		
	UNITS	PM10 RP16555	PM10 RP15551	TSP RP9908	TSP RP89982	TSP RP15505	TSP RP9943	RDL	QC Batch

PM2.5/10

Particulate Matter	ug/filter	13	39	54	39	32	132	3	8174212
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RDL = Reportable Detection Limit

Maxxam ID		NZ0623	NZ0624	NZ0631	NZ0632		
Sampling Date		2015/12/08	2015/12/14				
	UNITS	TSP RP9945	TSP RP15145	TRAVEL BLANK RP17774	LAB BLANK	RDL	QC Batch

PM2.5/10

Particulate Matter	ug/filter	49	47	<3	<3	3	8174212
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RDL = Reportable Detection Limit

Maxxam Job #: B603824
Report Date: 2016/01/26

Agnico Eagle Mines Ltd.
Client Project #: PM2.5/10/TSP
Site Location: BAKER LAKE, NU
Your P.O. #: 428049

GENERAL COMMENTS

Results relate only to the items tested.

Maxxam Job #: B603824
Report Date: 2016/01/26

Agnico Eagle Mines Ltd.
Client Project #: PM2.5/10/TSP
Site Location: BAKER LAKE, NU
Your P.O. #: 428049

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