

Site Location: MELIADINE
Your C.O.C. #: na

Attention: Jeffrey Pratt

Agnico-Eagle
Meliadine Mine
Rankin Inlet, NU
CANADA X0C 0G0

Report Date: 2016/12/19

Report #: R4293602

Version: 1 - Final

CERTIFICATE OF ANALYSIS

MAXXAM JOB #: B6Q9764

Received: 2016/12/09, 08:26

Sample Matrix: Water
Samples Received: 1

| Analyses | Quantity | Date Extracted | Date Analyzed | Laboratory Method | Reference |
|--|----------|-------------------|------------------|-------------------|-----------------------|
| Biochemical Oxygen Demand (BOD) | 1 | 2016/12/12 | 2016/12/17 | CAM SOP-00427 | SM 22 5210B m |
| Ammonia-N (low level) | 1 | N/A | 2016/12/15 | CAM SOP-00441 | EAP GS I-2522-90 m |
| Nitrate (NO3) and Nitrite (NO2) in Water (1) | 1 | N/A | 2016/12/15 | CAM SOP-00440 | SM 22 4500-NO3I/NO2B |
| Total Oil and Grease | 1 | 2016/12/14 | 2016/12/14 | CAM SOP-00326 | EPA1664B m, SM5520A m |
| pH | 1 | N/A | 2016/12/14 | CAM SOP-00413 | SM 4500H+ B m |
| Total Kjeldahl Nitrogen in Water | 1 | 2016/12/14 | 2016/12/16 | CAM SOP-00938 | OMOE E3516 m |
| Total Phosphorus (Colourimetric) | 1 | 2016/12/14 | 2016/12/14 | CAM SOP-00407 | SM 22 4500 P B H m |
| Low Level Total Suspended Solids | 1 | 2016/12/13 | 2016/12/13 | CAM SOP-00428 | SM 22 2540D m |
| UV Transmittance | 1 | 2016/12/13 | 2016/12/13 | CAM SOP-00459 | SM 22 5910 m |

Remarks:

Maxxam Analytics' laboratories are accredited to ISO/IEC 17025:2005 for specific parameters on scopes of accreditation. Unless otherwise noted, procedures used by Maxxam are based upon recognized Provincial, Federal or US method compendia such as CCME, MDDELCC, EPA, APHA.

All work recorded herein has been done in accordance with procedures and practices ordinarily exercised by professionals in Maxxam's profession using accepted testing methodologies, quality assurance and quality control procedures (except where otherwise agreed by the client and Maxxam in writing). All data is in statistical control and has met quality control and method performance criteria unless otherwise noted. All method blanks are reported: unless indicated otherwise, associated sample data are not blank corrected.

Maxxam Analytics' liability is limited to the actual cost of the requested analyses, unless otherwise agreed in writing. There is no other warranty expressed or implied. Maxxam has been retained to provide analysis of samples provided by the Client using the testing methodology referenced in this report. Interpretation and use of test results are the sole responsibility of the Client and are not within the scope of services provided by Maxxam, unless otherwise agreed in writing.

Solid sample results, except biota, are based on dry weight unless otherwise indicated. Organic analyses are not recovery corrected except for isotope dilution methods. Results relate to samples tested.

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Reference Method suffix "m" indicates test methods incorporate validated modifications from specific reference methods to improve performance.

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

(1) Values for calculated parameters may not appear to add up due to rounding of raw data and significant figures.

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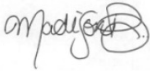
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Encryption Key



Madison Bingley
Project Manager
19 Dec 2016 17:06:42

Please direct all questions regarding this Certificate of Analysis to your Project Manager.
Madison Bingley, Project Manager
Email: MBingley@maxxam.ca
Phone# (613)274-3549

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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.

RESULTS OF ANALYSES OF WATER

| | | | | | |
|--|--------------|---------------------|------------|------------------------------|-----------------|
| Maxxam ID | | DPM786 | | DPM786 | |
| Sampling Date | | 2016/12/05 06:15 | | 2016/12/05 06:15 | |
| COC Number | | na | | na | |
| | UNITS | STP-FINAL | RDL | STP-FINAL Lab-Dup | QC Batch |
| Inorganics | | | | | |
| Total Ammonia-N | mg/L | 40 | 2 | | 4792642 |
| Total BOD | mg/L | 23 | 2.0 | | 4789073 |
| Total Kjeldahl Nitrogen (TKN) | mg/L | 43 | 5.0 | | 4792140 |
| pH | pH | 7.42 | | | 4792819 |
| Total Phosphorus | mg/L | 16 | 0.04 | | 4792056 |
| Total Suspended Solids | mg/L | 9 | 2 | | 4790318 |
| Total UV Transmittance | %T | 26 | | 26 | 4789786 |
| Nitrite (N) | mg/L | 2.70 | 0.050 | | 4793037 |
| Nitrate (N) | mg/L | 21.5 | 0.50 | | 4793037 |
| Nitrate + Nitrite (N) | mg/L | 24.2 | 0.50 | | 4793037 |
| Petroleum Hydrocarbons | | | | | |
| Total Oil & Grease | mg/L | 75 | 0.50 | | 4792051 |
| RDL = Reportable Detection Limit | | | | | |
| QC Batch = Quality Control Batch | | | | | |
| Lab-Dup = Laboratory Initiated Duplicate | | | | | |

Maxxam Job #: B6Q9764
Report Date: 2016/12/19

Agnico-Eagle
Site Location: MELIADINE

TEST SUMMARY

Maxxam ID: DPM786
Sample ID: STP-FINAL
Matrix: Water

Collected: 2016/12/05
Shipped:
Received: 2016/12/09

| Test Description | Instrumentation | Batch | Extracted | Date Analyzed | Analyst |
|--|-----------------|---------|------------|---------------|--------------------|
| Biochemical Oxygen Demand (BOD) | DO | 4789073 | 2016/12/12 | 2016/12/17 | Frank Zhang |
| Ammonia-N (low level) | LACH/NH4 | 4792642 | N/A | 2016/12/15 | Charles Opoku-Ware |
| Nitrate (NO3) and Nitrite (NO2) in Water | LACH | 4793037 | N/A | 2016/12/15 | Chandra Nandlal |
| Total Oil and Grease | BAL | 4792051 | 2016/12/14 | 2016/12/14 | Francis Afonso |
| pH | AT | 4792819 | N/A | 2016/12/14 | Surinder Rai |
| Total Kjeldahl Nitrogen in Water | SKAL | 4792140 | 2016/12/14 | 2016/12/16 | Rajni Tyagi |
| Total Phosphorus (Colourimetric) | LACH/P | 4792056 | 2016/12/14 | 2016/12/14 | Anastasia Hamanov |
| Low Level Total Suspended Solids | BAL | 4790318 | 2016/12/13 | 2016/12/13 | Bansari Ray |
| UV Transmittance | SPEC | 4789786 | 2016/12/13 | 2016/12/13 | Viorica Rotaru |

Maxxam ID: DPM786 Dup
Sample ID: STP-FINAL
Matrix: Water

Collected: 2016/12/05
Shipped:
Received: 2016/12/09

| Test Description | Instrumentation | Batch | Extracted | Date Analyzed | Analyst |
|------------------|-----------------|---------|------------|---------------|----------------|
| UV Transmittance | SPEC | 4789786 | 2016/12/13 | 2016/12/13 | Viorica Rotaru |

GENERAL COMMENTS

Each temperature is the average of up to three cooler temperatures taken at receipt

| | |
|-----------|-------|
| Package 1 | 6.3°C |
|-----------|-------|

Results relate only to the items tested.

QUALITY ASSURANCE REPORT

Agnico-Eagle
Site Location: MELIADINE

| QC Batch | Parameter | Date | Matrix Spike | | SPIKED BLANK | | Method Blank | | RPD | | QC Standard | |
|----------|-------------------------------|------------|--------------|-----------|--------------|-----------|--------------|-------|-----------|-----------|-------------|-----------|
| | | | % Recovery | QC Limits | % Recovery | QC Limits | Value | UNITS | Value (%) | QC Limits | % Recovery | QC Limits |
| 4789073 | Total BOD | 2016/12/17 | | | | | <2.0 | mg/L | NC | 25 | 103 | 80 - 120 |
| 4789786 | Total UV Transmittance | 2016/12/13 | | | 100 | 97 - 103 | | | 0.12 | 25 | | |
| 4790318 | Total Suspended Solids | 2016/12/13 | | | | | <1 | mg/L | 2.4 | 25 | 96 | 85 - 115 |
| 4792051 | Total Oil & Grease | 2016/12/14 | | | 97 | 85 - 115 | <0.50 | mg/L | 3.8 | 25 | | |
| 4792056 | Total Phosphorus | 2016/12/14 | 88 | 80 - 120 | 89 | 80 - 120 | <0.004 | mg/L | NC | 20 | 88 | 80 - 120 |
| 4792140 | Total Kjeldahl Nitrogen (TKN) | 2016/12/16 | 99 | 80 - 120 | 105 | 80 - 120 | <0.10 | mg/L | NC | 20 | 103 | 80 - 120 |
| 4792642 | Total Ammonia-N | 2016/12/15 | 103 | 80 - 120 | 100 | 80 - 120 | <0.01 | mg/L | NC | 20 | | |
| 4792819 | pH | 2016/12/14 | | | 101 | 98 - 103 | | | 0.93 | N/A | | |
| 4793037 | Nitrate (N) | 2016/12/15 | 100 | 80 - 120 | 104 | 80 - 120 | <0.10 | mg/L | NC | 20 | | |
| 4793037 | Nitrite (N) | 2016/12/15 | 96 | 80 - 120 | 98 | 80 - 120 | <0.010 | mg/L | NC | 20 | | |

N/A = Not Applicable

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

Matrix Spike: A sample to which a known amount of the analyte of interest has been added. Used to evaluate sample matrix interference.

QC Standard: A sample of known concentration prepared by an external agency under stringent conditions. Used as an independent check of method accuracy.

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).

VALIDATION SIGNATURE PAGE

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

Cristina Carriere

Cristina Carriere, Scientific 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.