

Your P.O. #: 494983
Site Location: MELIADINE
Your C.O.C. #: na

Attention:Reporting

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

Report Date: 2016/12/20
Report #: R4296057
Version: 1 - Partial

CERTIFICATE OF ANALYSIS – PARTIAL RESULTS

MAXXAM JOB #: B6R3774

Received: 2016/12/15, 11:15

Sample Matrix: Water
Samples Received: 3

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Reference
Total Oil and Grease	3	2016/12/19	2016/12/20	CAM SOP-00326	EPA1664B m,SM5520A 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.

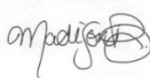
Solid sample results, except biota, are based on dry weight unless otherwise indicated. Organic analyses are not recovery corrected except for isotope dilution methods. Results relate to samples tested.

This Certificate shall not be reproduced except in full, without the written approval of the laboratory.

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.

Encryption Key



Madison Bingley
Project Manager
20 Dec 2016 15:42:57

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

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.

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RESULTS OF ANALYSES OF WATER

Maxxam ID		DQG844	DQG845	DQG846		
Sampling Date		2016/12/12 18:20	2016/12/12 18:23	2016/12/12 18:26		
COC Number		na	na	na		
	UNITS	STP-FINAL	STP-FINAL DUP	STP-FINAL FB	RDL	QC Batch
Petroleum Hydrocarbons						
Total Oil & Grease	mg/L	0.90	1.3	0.70	0.50	4797975
RDL = Reportable Detection Limit						
QC Batch = Quality Control Batch						

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GENERAL COMMENTS

Results relate only to the items tested.

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QUALITY ASSURANCE REPORT

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
4797975	AMJ	Matrix Spike	Total Oil & Grease	2016/12/20		86	%	75 - 125
4797975	AMJ	Spiked Blank	Total Oil & Grease	2016/12/20		96	%	85 - 115
4797975	AMJ	RPD	Total Oil & Grease	2016/12/20	1.3		%	25
4797975	AMJ	Method Blank	Total Oil & Grease	2016/12/20	<0.50		mg/L	

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.

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.

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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

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