



CERTIFICATE OF ANALYSIS

Client: Mark Bocy
Company: RDSB - Markstay Public School
Address: 69 Young St
Sudbury, ON, P3E 3G5
Phone/Fax: (705) 690-0323 / (705) 671-2442
Email: bocym@rainbowschools.ca;
lavallm@rainbowschools.ca

Work Order Number: 277263
PO #:
Regulation: O.Reg. 243/07
Project #:
DWS #: 500045618
Sampled By: Mike Lavallee

Date Order Received: 6/27/2016
Arrival Temperature: 14 °C

Analysis Started: 6/30/2016
Analysis Completed: 7/5/2016

WORK ORDER SUMMARY

ANALYSES WERE PERFORMED ON THE FOLLOWING SAMPLES. THE RESULTS RELATE ONLY TO THE ITEMS TESTED.

Sample Description	Lab ID	Matrix	Type	Comments	Date Collected	Time Collected
MAR (S)	791781	Treated Water	Plumbing		6/25/2016	10:25 AM
MAR (F)	791782	Treated Water	Plumbing		6/25/2016	11:00 AM

METHODS AND INSTRUMENTATION

THE FOLLOWING METHODS WERE USED FOR YOUR SAMPLE(S):

Method	Lab	Description	Reference
ICPMS Water	Garson	Determination of Metals in Water by ICP/MS	Based on SW846-6020A

REPORT COMMENTS

STANDING: GREATER THEN 12 HRS.

This report has been approved by:

Khaled Omari, Ph.D.
Laboratory Director



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Work Order Number: 277263

WORK ORDER RESULTS

Sample Description	MAR (S)		MAR (F)			
Lab ID	791781		791782			
Metals	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	0.48	0.1	0.2	0.1	ug/L	10

LEGEND

Dates: Dates are formatted as mm/dd/year throughout this report.

MDL: Method detection limit or minimum reporting limit.

Quality Control: All associated Quality Control data is available on request.

LCL: Lower Control Limit.

UCL: Upper Control Limit.

QAQCID: This is a unique reference to the quality control data set used to generate the reported value. Contact our lab for this information, as it is traceable through our LIMS.



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QUALITY CONTROL DATA

THIS SECTION REPORTS QC RESULTS ASSOCIATED WITH THE TEST BATCH; THESE ARE NOT YOUR SAMPLE RESULTS

Metals							
%RPD							
Parameter	MDL	Units	LCL	Result	UCL	QAQCID	
Lead	N/A	%	0	N/A	20	20160630.R13-5o	
Method Blank							
Parameter	MDL	Units	LCL	Result	UCL	QAQCID	
Lead	1	ug/L	0	<1	1	20160630.R13-5o	
Positive Control							
Parameter	MDL	Units	LCL	Result	UCL	QAQCID	
Lead	N/A	%	80	97	120	20160630.R13-5o	
Reference Sample							
Parameter	MDL	Units	LCL	Result	UCL	QAQCID	
Lead	N/A	% Rec	80	98	120	20160630.R13-5o	
Sample Spike							
Parameter	MDL	Units	LCL	Result	UCL	QAQCID	
Lead	N/A	% Rec	70	93	130	20160630.R13-5o	

THIS INDEX SHOWS HOW YOUR SAMPLES ARE ASSOCIATED TO THE CONTROLS INCLUDED IN THE IDENTIFIED BATCHES.

Sample Description	Lab ID	Method	QAQCID	Prep QAQCID
MAR (F)	791782	ICPMS Water	20160630.R13-5o	20160630.R52K
MAR (S)	791781	ICPMS Water	20160630.R13-5o	20160630.R52K

TESTMARK Laboratories Ltd.

Committed to Quality and Service

7 Margaret St.

Garson, ON CANADA P3L 1E1

Phone: (705) 693-1121 Fax: (705) 693-1124

Email: customer.service@testmark.ca

677 MacDonald Ave., Unit 7

Sault Ste. Marie, ON CANADA P6B 1J4

Phone: (705) 254-7117 Fax: (705) 254-3820

Email: ssm@testmark.ca

Client: RDSB-Markstay PS
 Address: 7 Pioneer Street E.
Markstay ON P3M 2G0
 Contact: Mark Bocy/Mike Lavallee
 Phone: M.B. 705-690-0323
M.L. 705-929-4787

Testmark Quote # _____
 Client P.O. # _____
 Client Project # _____
 Email Address: boeym@rainbowschools.ca
lavallm@rainbowschools.ca
 Fax: (705)-566-2732

REPORTING/INVOICING FORMAT				TURN AROUND TIME (TAT)*		NUMBER OF CONTAINERS	ANALYSIS REQUESTED												RESIDUAL CHLORINE (IF APPLICABLE)	LABORATORY USE ONLY			
email				STANDARD			ICPMS 1 (Pb)													CONTAINERS RECEIVED	WORK ORDER NUMBER:		
QC DATA REPORTED				SPECIFIC DATE: <u>Wed 06</u>																		<u>277263</u>	
yes				* Prior arrangements must be made for weekend/holiday work																			
SAMPLE DISPOSAL				SAMPLE DESCRIPTION																			
yes				(This Will Appear On The Report)																			
SAMPLING																							
DATE	TIME	TYPE	MATRIX																				
<u>25-06-16</u>	<u>10:25</u>	<u>p</u>	<u>w</u>	<u>MAR (S)</u>		<u>X</u>														<u>#1</u>	<u>14</u>	<u>791781</u>	<u>14</u>
<u>25-06-16</u>	<u>11:00</u>	<u>p</u>	<u>w</u>	<u>MAR (F)</u>		<u>X</u>														<u>1</u>	<u>14</u>	<u>791782</u>	<u>14</u>

CONFIRMATION REPORT SENT

LEGEND: TYPE: **G**=Grab, **C**=Composite, **OR R**=Raw, **E**=Entry/Treated, **D**=Distribution, **P**=Plumbing (O.REG. 170/O.REG. 318/319/O.REG. 243)
 Matrix: **B**=Biota, **GW**=Ground Water, **O**=Oil, **P**=Paint, **S**=Soil, **SD**=Sediment, **SL**=Sludge, **SW**=Surface Water, **W**=Water

DRINKING WATER
 Waterworks # 500045618
 Are these water samples for human consumption? reg 243
 Are the results reportable as per O. Reg 170/318/319?
 O.Reg 170/318/319 Only: Phone: (705) 522-9200
 Public Health Unit: SDHU Fax: (705) 677-9607

COMMENTS: STANDING: GREATER THEN 12 HRS.
 SAMPLE TAKEN FROM _____

Adverse and Exceedance Notification Information:
 Name: Mark Bocy Cell: (705) 690-0323
 Phone: (705) 674-3171 Fax: (705) 671-2442
 Relinquished to Testmark By (Signature) M. Bocy 27-06-16 Time 10:15

Sampled By (Print and Sign) M. Lavallee Date 25-06-16 Time 10:25

Shipped By Hand Shipping Reference 22400

Received By (Print and Sign) M. Lavallee Date 25-06-16 Time 11:05

Received at Testmark By em Date 06-27-16 Time 10:12



TESTMARK Laboratories Ltd.

Committed to Quality and Service

Confirmation of Sample Receipt

Your samples have been received at Testmark's Sample Reception and have now been issued a unique Work Order number as well as unique Sample I.D. numbers.

Here are some details of your submission:

Client Name: RDSB - Markstay Public School
Contact: Mark Bocy
Project Number:
Work Order #: 277263
Date Received: 6/27/2016
Method of Shipment: Hand
Waybill Reference #: 22430
Estimated Date of Completion*: 7/6/2016
Water Works #: 500045618
Sampled By: Mike Lavallee

Sample Details

Sample Number	Sample Date	Sample Description	Analysis	Regulation (if applicable)
791781	6/25/2016	MAR (S)	ICPMS Water	O.Reg. 243/07
791781	6/25/2016	MAR (S)	MetalsWater/Prep	O.Reg. 243/07
791782	6/25/2016	MAR (F)	ICPMS Water	O.Reg. 243/07
791782	6/25/2016	MAR (F)	MetalsWater/Prep	O.Reg. 243/07

Entry of your submission is based on information contained on your Chain of Custody. If you have any questions regarding this submission, kindly contact Testmark's Customer Service department by email using customer.service@testmark.ca

* Please note this is an estimated date. Over 95% of our reports are completed within 5 business days. Please note however that non-routine and subcontracted analyses may significantly exceed normal turnaround times.

In these cases, a partial report may be issued.