



## CERTIFICATE OF ANALYSIS

Client: Mark Bocy  
Company: RDSB - Central Manitoulin 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: 309122  
PO #:  
Regulation: O.Reg. 243/07  
Project #:  
DWS #: 500039027  
Sampled By: Bob Phillips

Date Order Received: 6/20/2017  
Arrival Temperature: 16 °C

Analysis Started: 6/23/2017  
Analysis Completed: 6/26/2017

### 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
15 (Standing)	889306	Water	Plumbing		6/20/2017	7:00 AM
15 (Flushed)	889307	Water	Plumbing		6/20/2017	7:35 AM
C (Standing)	889308	Water	Plumbing		6/20/2017	7:02 AM
C (Flushed)	889309	Water	Plumbing		6/20/2017	7:37 AM
115 (Standing)	889310	Water	Plumbing		6/20/2017	7:04 AM
115 (Flushed)	889311	Water	Plumbing		6/20/2017	7:39 AM
102 (Standing)	889312	Water	Plumbing	SAMPLE CONTAINED RESULT EXCEEDENCES.	6/20/2017	7:06 AM
102 (Flushed)	889313	Water	Plumbing		6/20/2017	7:41 AM

### METHODS AND INSTRUMENTATION

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

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

### REPORT COMMENTS

Estimated Standing Time 10 HRS  
Lead exceedance reported on samples 889312 and 889313. 06/26/17 RB



**TESTMARK Laboratories Ltd.**

*Committed to Quality and Service*

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This report has been approved by:

Khaled Omari, Ph.D.  
Laboratory Director



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### WORK ORDER RESULTS

Sample Description	15 (Standing)		15 (Flushed)		C (Standing)		C (Flushed)		Units	Criteria: O.Reg. 243/07
Lab ID	889306		889307		889308		889309			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL		
Lead	0.17	0.1	0.12	0.1	<0.1	0.1	<0.1	0.1	ug/L	10

  

Sample Description	115 (Standing)		115 (Flushed)		102 (Standing)		102 (Flushed)		Units	Criteria: O.Reg. 243/07
Lab ID	889310		889311		889312		889313			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL		
Lead	4.86	0.1	2.24	0.1	11.1	0.1	3.8	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.  
QAQC details include only values where sufficient sample data allowed measurement.

Metals						
Method Blank						
Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	1	ug/L	0	<1	1	20170625.R13-5o3
Positive Control						
Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	%	80	94.1	120	20170625.R13-5o3
Reference Sample						
Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	% Rec	80	103	120	20170625.R13-5o3
Sample Spike						
Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	% Rec	70	85.6	130	20170625.R13-5o3

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

Sample Description	Lab ID	Method	QAQCID	Prep QAQCID
102 (Flushed)	889313	ICPMS Reg. Water	20170625.R13-5o3	20170623.R52S
102 (Standing)	889312	ICPMS Reg. Water	20170625.R13-5o3	20170623.R52S
115 (Flushed)	889311	ICPMS Reg. Water	20170625.R13-5o3	20170623.R52S
115 (Standing)	889310	ICPMS Reg. Water	20170625.R13-5o3	20170623.R52S
15 (Flushed)	889307	ICPMS Reg. Water	20170625.R13-5o3	20170623.R52S
15 (Standing)	889306	ICPMS Reg. Water	20170625.R13-5o3	20170623.R52S
C (Flushed)	889309	ICPMS Reg. Water	20170625.R13-5o3	20170623.R52S
C (Standing)	889308	ICPMS Reg. Water	20170625.R13-5o3	20170623.R52S