



**TESTMARK Laboratories Ltd.**

Committed to Quality and Service

## CERTIFICATE OF ANALYSIS

Client: Mark Bocy  
Company: RDSB - Assiginack 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: 311586  
PO #:   
Regulation: O.Reg. 243/07  
Project #:   
DWS #: 500001132  
Sampled By: Steve McCulloch

Date Order Received: 7/19/2017  
Arrival Temperature: 17 °C

Analysis Started: 7/21/2017  
Analysis Completed: 7/24/2017

### 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
127 (Standing)	898039	Treated Water	Plumbing		7/19/2017	7:00 AM
127 (Flushed)	898040	Treated Water	Plumbing		7/19/2017	7:35 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: 18hrs

This report has been approved by:

Khaled Omari, Ph.D.  
Laboratory Director



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### WORK ORDER RESULTS

Sample Description	127 (Standing)		127 (Flushed)			
Lab ID	898039		898040			
Metals	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	2.76	0.1	1.21	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.

<b>Metals</b>							
<b>Method Blank</b>							
Parameter	MDL	Units	LCL	Result	UCL	QAQCID	
Lead	1	ug/L	0	<1	1	20170721.R13-6o5	
<b>Positive Control</b>							
Parameter	MDL	Units	LCL	Result	UCL	QAQCID	
Lead	N/A	%	80	97.2	120	20170721.R13-6o5	
<b>Reference Sample</b>							
Parameter	MDL	Units	LCL	Result	UCL	QAQCID	
Lead	N/A	% Rec	80	105	120	20170721.R13-6o5	
<b>Sample Spike</b>							
Parameter	MDL	Units	LCL	Result	UCL	QAQCID	
Lead	N/A	% Rec	70	90.6	130	20170721.R13-6o5	

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

Sample Description	Lab ID	Method	QAQCID	Prep QAQCID
127 (Flushed)	898040	ICPMS Reg. Water	20170721.R13-6o5	20170721.R52R
127 (Standing)	898039	ICPMS Reg. Water	20170721.R13-6o5	20170721.R52R