TESTMARK Laboratories Ltd.
Committed to Quality and Service

CERTIFICATE OF ANALYSIS

Client:	Mark Bocy	Work Order Number:	309287
Company:	RDSB - S. Geiger Public School	PO #:	
Address:	69 Young St. Sudbury, ON, P3E 3G5	Regulation: Project #:	O.Reg. 243/07
Phone/Fax:	(705) 674-3171 / (705) 761-2442	DWS #:	500045644
Email:	bocym@rainbowschools.ca; lavallm@rainbowschools.ca	Sampled By:	Larry Steinke
Date Order Received:	6/22/2017	Analysis Started:	6/25/2017
Arrival Temperature:	17 °C	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
22 (Standing)	889783	Water	Plumbing		6/22/2017	7:00 AM
22 (Flushed)	889784	Water	Plumbing		6/22/2017	7:35 AM
9 (Standing)	889785	Water	Plumbing	SAMPLE CONTAINED RESULT EXCEEDENCES.	6/22/2017	7:02 AM
9 (Flushed)	889786	Water	Plumbing	SAMPLE CONTAINED RESULT EXCEEDENCES.	6/22/2017	7:37 AM
4 (Standing)	889787	Water	Plumbing		6/22/2017	7:03 AM
4 (Flushed)	889788	Water	Plumbing		6/22/2017	7:39 AM
E (Standing)	889789	Water	Plumbing	SAMPLE CONTAINED RESULT EXCEEDENCES.	6/22/2017	7:04 AM
E (Flushed)	889790	Water	Plumbing		6/22/2017	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 hours
Lead exceedance reported on samples 889785, 889786, 889789 and 889790. 06/26/17 RB

7 Margaret Street, Garson, ON, P3L 1E1
Phone: (705) 693-1121 Fax: (705) 693-1124 Web: www.testmark.ca

CERTIFICATE OF ANALYSIS

RDSB - S. Geiger Public School

Work Order Number: 309287

This report has been approved by:

Khaled Omari, Ph.D.
Laboratory Director

7 Margaret Street, Garson, ON, P3L 1E1
Phone: (705) 693-1121 Fax: (705) 693-1124 Web: www.testmark.ca

CERTIFICATE OF ANALYSIS

RDSB - S. Geiger Public School

Work Order Number: 309287

WORK ORDER RESULTS

Sample Description	22 (Standing)		22 (Flushed)		9 (Standing)		9 (Flushed)			
Lab ID	889783		889784		889785		889786			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	2.06	0.1	0.58	0.1	94.3 [93.6]	0.1	16.5	0.1	ug/L	10

Sample Description	4 (Standing)		4 (Flushed)		E (Standing)		E (Flushed)			
Lab ID	889787		889788		889789		889790			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	6.04	0.1	1.78	0.1	14.7	0.1	6.47	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.

[ ]: Results for laboratory replicates are shown in square brackets immediately below the associated sample result for ease of comparison.

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.

7 Margaret Street, Garson, ON, P3L 1E1
Phone: (705) 693-1121 Fax: (705) 693-1124 Web: www.testmark.ca

CERTIFICATE OF ANALYSIS

RDSB - S. Geiger Public School

Work Order Number: 309287

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

%RPD

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	%	0	0.7	20	20170625.R13-5o7
Lead	N/A	%	0	2.3	20	20170625.R13-5o6

Method Blank

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	1	ug/L	0	<1	1	20170625.R13-5o6
Lead	1	ug/L	0	<1	1	20170625.R13-5o7

Positive Control

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	%	80	91	120	20170625.R13-5o6
Lead	N/A	%	80	92	120	20170625.R13-5o7

Reference Sample

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	% Rec	80	98	120	20170625.R13-5o6
Lead	N/A	% Rec	80	98.4	120	20170625.R13-5o7

Sample Spike

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	% Rec	70	82.8	130	20170625.R13-5o6
Lead	N/A	% Rec	70	97.1	130	20170625.R13-5o7

7 Margaret Street, Garson, ON, P3L 1E1
Phone: (705) 693-1121 Fax: (705) 693-1124 Web: www.testmark.ca

CERTIFICATE OF ANALYSIS

RDSB - S. Geiger Public School

Work Order Number: 309287

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

Sample Description	Lab ID	Method	QAQCID	Prep QAQCID
22 (Flushed)	889784	ICPMS Reg. Water	20170625.R13-5o6	20170625.R52C
22 (Standing)	889783	ICPMS Reg. Water	20170625.R13-5o6	20170625.R52C
4 (Flushed)	889788	ICPMS Reg. Water	20170625.R13-5o7	20170625.R52D
4 (Standing)	889787	ICPMS Reg. Water	20170625.R13-5o7	20170625.R52D
9 (Flushed)	889786	ICPMS Reg. Water	20170625.R13-5o7	20170625.R52D
9 (Standing)	889785	ICPMS Reg. Water	20170625.R13-5o7	20170625.R52D
9 (Standing)	889785r	ICPMS Reg. Water	20170625.R13-5o7	20170625.R52D
E (Flushed)	889790	ICPMS Reg. Water	20170625.R13-5o7	20170625.R52D
E (Standing)	889789	ICPMS Reg. Water	20170625.R13-5o7	20170625.R52D

7 Margaret Street, Garson, ON, P3L 1E1
Phone: (705) 693-1121 Fax: (705) 693-1124 Web: www.testmark.ca