TESTMARK Laboratories Ltd.
Committed to Quality and Service

CERTIFICATE OF ANALYSIS

Client:	Steve McCulloch	Work Order Number:	499883
Company:	RDSB - S. Geiger Public School	PO #:	
Address:	408 Wembley Drive Sudbury, ON, P3E 1P2	Regulation: Project #:	O.Reg. 243/07
Phone/Fax:	(705) 674-3171 / (705) 671-2442	DWS #:	500045644
Email:	mcculls@rainbowschools.ca	Sampled By:	Steve McCulloch
Date Order Received:	5/23/2023	Analysis Started:	5/24/2023
Arrival Temperature:	2 °C	Analysis Completed:	5/25/2023

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
Standing - FU2	1882918	Water	Plumbing		5/21/2023	3:40 PM
Flushed - FU2	1882919	Water	Plumbing		5/21/2023	4:15 PM
Standing - S9	1882920	Water	Plumbing		5/21/2023	3:45 PM
Flushed - S9	1882921	Water	Plumbing		5/21/2023	4:20 PM
Standing - S11A	1882922	Water	Plumbing		5/21/2023	3:50 PM
Flushed - S11A	1882923	Water	Plumbing		5/21/2023	4:25 PM
Standing - S12A	1882924	Water	Plumbing		5/21/2023	3:55 PM
Flushed - S12A	1882925	Water	Plumbing		5/21/2023	4:30 PM
Standing - S22A	1882926	Water	Plumbing		5/21/2023	4:00 PM
Flushed - S22A	1882927	Water	Plumbing		5/21/2023	4:35 PM

METHODS AND INSTRUMENTATION

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

Method	Lab	Description	Reference
ICPMS Reg. Water (A13)	Garson	Determination of Metals in Water by ICP/MS	Modified from SW846-6020A

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: 499883

This report has been approved by:

Brad Halvorson, B.Sc.
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: 499883

WORK ORDER RESULTS

Sample Description	Standing - FU2		Flushed - FU2		Standing - S9		Flushed - S9			
Sample Date	5/21/2023 3:40 PM		5/21/2023 4:15 PM		5/21/2023 3:45 PM		5/21/2023 4:20 PM			
Lab ID	1882918		1882919		1882920		1882921			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	0.1	0.1	<0.1 [<0.1]	0.1	0.2	0.1	<0.1	0.1	ug/L	10

Sample Description	Standing - S11A		Flushed - S11A		Standing - S12A		Flushed - S12A			
Sample Date	5/21/2023 3:50 PM		5/21/2023 4:25 PM		5/21/2023 3:55 PM		5/21/2023 4:30 PM			
Lab ID	1882922		1882923		1882924		1882925			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	0.2	0.1	<0.1	0.1	0.1	0.1	<0.1	0.1	ug/L	10

Sample Description	Standing - S22A		Flushed - S22A			
Sample Date	5/21/2023 4:00 PM		5/21/2023 4:35 PM			
Lab ID	1882926		1882927			
Metals	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	0.2	0.1	<0.1	0.1	ug/L	10

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: 499883

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.

Field Data: Reports containing Field Parameters represent data that has been collected and provided by the client. Testmark is not responsible for the validity of this data which may be used in subsequent calculations.

Sample Condition Deviations: A noted sample condition deviation may affect the validity of the result. Results apply to the sample(s) as received.

ICPMS Dustfall Insoluble: The ICPMS Dustfall Insoluble Portion method analyzes only the particulate matter from the Dustfall Sampler which is retained on the analysis filter during the Dustfall method.

Regulation Comparisons: Disclaimer: Please note that regulation criteria are provided for comparative purposes, however the onus on ensuring the validity of this comparison rests with the client.

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: 499883

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: LRB-6 (Blank) (6)

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	0.1	ug/L	0	<0.1	0.3	20230525.A13.1I
Lead	0.1	ug/L	0	<0.1	0.3	20230525.A13.1J

Positive Control: LFB-7 (N 100 µg/L) (7)

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	%	85	101	115	20230525.A13.1J
Lead	N/A	%	85	99	115	20230525.A13.1I

Reference Sample: CRM-12 (EP-L-3) (12)

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	1	ug/L	2.58	3.94	5.38	20230525.A13.1I
Lead	1	ug/L	2.58	4.01	5.38	20230525.A13.1J

Sample Spike: LFMS-9 (N 100 µg/L) (9)

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	% Rec	70	96.1	130	20230525.A13.1I
Lead	N/A	% Rec	70	99.3	130	20230525.A13.1J

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: 499883

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

Sample Description	Lab ID	Method	QAQCID	Prep QAQCID
Flushed - FU2	1882919	ICPMS Reg. Water (A13)	20230525.A13.1J	20230524.A52ZJ
Flushed - FU2	1882919r	ICPMS Reg. Water (A13)	20230525.A13.1J	20230524.A52ZJ
Flushed - S11A	1882923	ICPMS Reg. Water (A13)	20230525.A13.1I	20230524.A52ZK
Flushed - S12A	1882925	ICPMS Reg. Water (A13)	20230525.A13.1I	20230524.A52ZK
Flushed - S22A	1882927	ICPMS Reg. Water (A13)	20230525.A13.1I	20230524.A52ZK
Flushed - S9	1882921	ICPMS Reg. Water (A13)	20230525.A13.1I	20230524.A52ZK
Standing - FU2	1882918	ICPMS Reg. Water (A13)	20230525.A13.1J	20230524.A52ZJ
Standing - S11A	1882922	ICPMS Reg. Water (A13)	20230525.A13.1I	20230524.A52ZK
Standing - S12A	1882924	ICPMS Reg. Water (A13)	20230525.A13.1I	20230524.A52ZK
Standing - S22A	1882926	ICPMS Reg. Water (A13)	20230525.A13.1I	20230524.A52ZK
Standing - S9	1882920	ICPMS Reg. Water (A13)	20230525.A13.1I	20230524.A52ZK

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