TESTMARK Laboratories Ltd.
Committed to Quality and Service

CERTIFICATE OF ANALYSIS

Client:	Steve McCulloch	Work Order Number:	462840
Company:	RDSB - Little Current 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 #:	500045631
Email:	mcculls@rainbowschools.ca	Sampled By:	
Date Order Received:	5/16/2022	Analysis Started:	5/19/2022
Arrival Temperature:	1.5 °C	Analysis Completed:	5/19/2022

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-S112B	1753932	Water	Plumbing		5/14/2022	1:00 PM
Flushed-S112B	1753933	Water	Plumbing		5/14/2022	1:35 PM
Standing-S3	1753934	Water	Plumbing		5/14/2022	1:05 PM
Flushed-S3	1753935	Water	Plumbing		5/14/2022	1:40 PM
Standing-F4	1753936	Water	Plumbing		5/14/2022	1:10 PM
Flushed-F4	1753937	Water	Plumbing		5/14/2022	1:45 PM
Standing-F6	1753938	Water	Plumbing		5/14/2022	1:15 PM
Flushed-F6	1753939	Water	Plumbing		5/14/2022	1:50 PM
Standing-F7	1753940	Water	Plumbing		5/14/2022	1:20 PM
Flushed-F7	1753941	Water	Plumbing		5/14/2022	1:55 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

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This report has been approved by:

Mahesh Patel, B.Sc.
Laboratory Director

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WORK ORDER RESULTS

Sample Description	Standing - S112B		Flushed - S112B		Standing - S3		Flushed - S3			
Sample Date	5/14/2022 1:00 PM		5/14/2022 1:35 PM		5/14/2022 1:05 PM		5/14/2022 1:40 PM			
Lab ID	1753932		1753933		1753934		1753935			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	0.2	0.1	<0.1	0.1	0.2	0.1	<0.1	0.1	ug/L	10

Sample Description	Standing - F4		Flushed - F4		Standing - F6		Flushed - F6			
Sample Date	5/14/2022 1:10 PM		5/14/2022 1:45 PM		5/14/2022 1:15 PM		5/14/2022 1:50 PM			
Lab ID	1753936		1753937		1753938		1753939			
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	0.1	<0.1	0.1	ug/L	10

Sample Description	Standing - F7		Flushed - F7			
Sample Date	5/14/2022 1:20 PM		5/14/2022 1:55 PM			
Lab ID	1753940		1753941			
Metals	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	0.2	0.1	<0.1	0.1	ug/L	10

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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.

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.

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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: LRB-6 (Blank) (6)

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	0.1	ug/L	0	<0.1	1	20220519.A13.1F

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	%	80	99.2	120	20220519.A13.1F

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	1	ug/L	2.58	4.12	5.38	20220519.A13.1F

Sample Spike: LFMS-9 (N 100 µg/L) (9)

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	% Rec	70	93.5	130	20220519.A13.1F

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 - F4	1753937	ICPMS Reg. Water (A13)	20220519.A13.1F	20220518.A52H
Flushed - F6	1753939	ICPMS Reg. Water (A13)	20220519.A13.1F	20220518.A52H
Flushed - F7	1753941	ICPMS Reg. Water (A13)	20220519.A13.1F	20220518.A52H
Flushed - S112B	1753933	ICPMS Reg. Water (A13)	20220519.A13.1F	20220518.A52H
Flushed - S3	1753935	ICPMS Reg. Water (A13)	20220519.A13.1F	20220518.A52H
Standing - F4	1753936	ICPMS Reg. Water (A13)	20220519.A13.1F	20220518.A52H
Standing - F6	1753938	ICPMS Reg. Water (A13)	20220519.A13.1F	20220518.A52H
Standing - F7	1753940	ICPMS Reg. Water (A13)	20220519.A13.1F	20220518.A52H
Standing - S112B	1753932	ICPMS Reg. Water (A13)	20220519.A13.1F	20220518.A52H
Standing - S3	1753934	ICPMS Reg. Water (A13)	20220519.A13.1F	20220518.A52H

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