TESTMARK Laboratories Ltd.
Committed to Quality and Service

CERTIFICATE OF ANALYSIS

Client:	Steve McCulloch	Work Order Number:	463807
Company:	RDSB - Charles C. McLean 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 #:	500039105
Email:	mcculls@rainbowschools.ca	Sampled By:	Steve McCulloch
Date Order Received:	5/25/2022	Analysis Started:	5/31/2022
Arrival Temperature:	5 °C	Analysis Completed:	5/31/2022

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 -FB2	1757334	Water	Plumbing		5/24/2022	6:35 AM
Flushed -FB2	1757335	Water	Plumbing		5/24/2022	7:10 AM
Standing -SB2	1757336	Water	Plumbing		5/24/2022	6:40 AM
Flushed -SB2	1757337	Water	Plumbing		5/24/2022	7:15 AM

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
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RDSB - Charles C. McLean Public School

Work Order Number: 463807

This report has been approved by:

Mahesh Patel, B.Sc.
Laboratory Director

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WORK ORDER RESULTS

Sample Description	Standing - FB2		Flushed - FB2		Standing - SB2		Flushed - SB2			
Sample Date	5/24/2022 6:35 AM		5/24/2022 7:10 AM		5/24/2022 6:40 AM		5/24/2022 7:15 AM			
Lab ID	1757334		1757335		1757336		1757337			
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	0.7	0.1	0.4	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.

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	20220531.A13.1B

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	%	80	99.6	120	20220531.A13.1B

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	1	ug/L	2.58	3.95	5.38	20220531.A13.1B

Sample Spike: LFMS-9 (N 100 µg/L) (9)

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	% Rec	70	97.5	130	20220531.A13.1B

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 - FB2	1757335	ICPMS Reg. Water (A13)	20220531.A13.1B	20220527.A52R
Flushed - FB2	1757335r	ICPMS Reg. Water (A13)	20220531.A13.1B	20220527.A52R
Flushed - SB2	1757337	ICPMS Reg. Water (A13)	20220531.A13.1B	20220527.A52R
Standing - FB2	1757334	ICPMS Reg. Water (A13)	20220531.A13.1B	20220527.A52R
Standing - SB2	1757336	ICPMS Reg. Water (A13)	20220531.A13.1B	20220527.A52R

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