TESTMARK Laboratories Ltd.
Committed to Quality and Service

CERTIFICATE OF ANALYSIS

Client:	Steve McCulloch	Work Order Number:	534252
Company:	RDSB - Assiginack 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 #:	500001132
Email:	mcculls@rainbowschools.ca	Sampled By:	Steve McCulloch
Date Order Received:	5/13/2024	Analysis Started:	5/14/2024
Arrival Temperature:	10.3 C	Analysis Completed:	5/15/2024

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 -F1	2004316	Water	Plumbing		5/11/2024	1:55 PM
Flushed -F1	2004317	Water	Plumbing		5/11/2024	2:30 PM
Standing - F4	2004318	Water	Plumbing		5/11/2024	2:00 PM
Flushed - F4	2004319	Water	Plumbing		5/11/2024	2:35 PM
Standing - S124C	2004320	Water	Plumbing		5/11/2024	2:05 PM
Flushed - S124C	2004321	Water	Plumbing		5/11/2024	2:40 PM
Standing - S139	2004322	Water	Plumbing		5/11/2024	2:10 PM
Flushed -S139	2004323	Water	Plumbing		5/11/2024	2:45 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:

Brad Halvorson, B.Sc.
Laboratory Director

WORK ORDER RESULTS

Sample Description	Standing - F1		Flushed - F1		Standing - F4		Flushed - F4			
Sample Date	5/11/2024 1:55 PM		5/11/2024 2:30 PM		5/11/2024 2:00 PM		5/11/2024 2:35 PM			
Lab ID	2004316		2004317		2004318		2004319			
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 - S124C		Flushed - S124C		Standing - S139		Flushed - S139			
Sample Date	5/11/2024 2:05 PM		5/11/2024 2:40 PM		5/11/2024 2:10 PM		5/11/2024 2:45 PM			
Lab ID	2004320		2004321		2004322		2004323			
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

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LEGEND

Dates: Dates are formatted as mm/dd/year throughout this report.

MDL: Method detection limit or minimum reporting limit.

Organic Soil Analysis: Data reported for organic analysis in soils samples are corrected for moisture content.

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.

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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	0.3	20240515.A13.1F

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	%	85	96.3	115	20240515.A13.1F

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	1	ug/L	2.58	4.1	5.38	20240515.A13.1F

Sample Spike: LFMS-9 (N 100 µg/L) (9)

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	% Rec	70	97.1	130	20240515.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	2004319	ICPMS Reg. Water (A13)	20240515.A13.1F	20240514.A52ZZD
Flushed - S124C	2004321	ICPMS Reg. Water (A13)	20240515.A13.1F	20240514.A52ZZD
Flushed - F1	2004317	ICPMS Reg. Water (A13)	20240515.A13.1F	20240514.A52ZZD
Flushed - S139	2004323	ICPMS Reg. Water (A13)	20240515.A13.1F	20240514.A52ZZD
Standing - F4	2004318	ICPMS Reg. Water (A13)	20240515.A13.1F	20240514.A52ZZD
Standing - S124C	2004320	ICPMS Reg. Water (A13)	20240515.A13.1F	20240514.A52ZZD
Standing - S139	2004322	ICPMS Reg. Water (A13)	20240515.A13.1F	20240514.A52ZZD
Standing - F1	2004316	ICPMS Reg. Water (A13)	20240515.A13.1F	20240514.A52ZZD

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