TESTMARK Laboratories Ltd.
Committed to Quality and Service

CERTIFICATE OF ANALYSIS

Client:	Carol Koziar	Work Order Number:	551595
Company:	RDSB - Churchill Public School	PO #:	
Address:	408 Wembley Drive Sudbury, ON, P3E 1P2	Regulation: Project #:	O.Reg. 243/07
Phone/Fax:	(705) 690-0323 / (705) 671-2442	DWS #:	500046047
Email:	koziarc@rainbowschools.ca	Sampled By:	Carol Koziar
Date Order Received:	9/27/2024	Analysis Started:	10/4/2024
Arrival Temperature:	12.8 C	Analysis Completed:	10/7/2024

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- BF 01 by gym	2060848	Water	Plumbing		9/27/2024	6:30 AM
Flushed- BF 01 by gym	2060849	Water	Plumbing		9/27/2024	7:05 AM
Standing- BF 2 elementary	2060850	Water	Plumbing		9/27/2024	6:35 AM
Flushed- BF 2 elementary	2060851	Water	Plumbing		9/27/2024	7:10 AM
Standing- S-7 Rm 5	2060852	Water	Plumbing		9/27/2024	6:40 AM
Flushed- S-7 Rm 5	2060853	Water	Plumbing		9/27/2024	7:15 AM
Standing- S-10 Rm 27 dcare	2060854	Water	Plumbing		9/27/2024	6:45 AM
Flushed- S-10 Rm 27 dcare	2060855	Water	Plumbing		9/27/2024	7:20 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

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This report has been approved by:

Brad Halvorson, B.Sc.
Laboratory Director

WORK ORDER RESULTS

Sample Description	Standing - BF 01 by gym		Flushed - BF 01 by gym		Standing - BF 2 elementary		Flushed - BF 2 elementary			
Sample Date	9/27/2024 6:30 AM		9/27/2024 7:05 AM		9/27/2024 6:35 AM		9/27/2024 7:10 AM			
Lab ID	2060848		2060849		2060850		2060851			
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 - S - 7 Rm 5		Flushed - S - 7 Rm 5		Standing - S - 10 Rm 27 dcare		Flushed - S - 10 Rm 27 dcare			
Sample Date	9/27/2024 6:40 AM		9/27/2024 7:15 AM		9/27/2024 6:45 AM		9/27/2024 7:20 AM			
Lab ID	2060852		2060853		2060854		2060855			
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	20241007.A13.1B

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	%	85	103	115	20241007.A13.1B

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	1	ug/L	2.58	3.96	5.38	20241007.A13.1B

Sample Spike: LFMS-9 (N 100 µg/L) (9)

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	% Rec	70	98.9	130	20241007.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 - BF 01 by gym	2060849	ICPMS Reg. Water (A13)	20241007.A13.1B	20241003.A52M
Flushed - BF 2 elementary	2060851	ICPMS Reg. Water (A13)	20241007.A13.1B	20241003.A52M
Flushed - S - 10 Rm 27 dcare	2060855	ICPMS Reg. Water (A13)	20241007.A13.1B	20241003.A52M
Flushed - S - 7 Rm 5	2060853	ICPMS Reg. Water (A13)	20241007.A13.1B	20241003.A52M
Standing - BF 01 by gym	2060848	ICPMS Reg. Water (A13)	20241007.A13.1B	20241003.A52M
Standing - BF 2 elementary	2060850	ICPMS Reg. Water (A13)	20241007.A13.1B	20241003.A52M
Standing - S - 10 Rm 27 dcare	2060854	ICPMS Reg. Water (A13)	20241007.A13.1B	20241003.A52M
Standing - S - 7 Rm 5	2060852	ICPMS Reg. Water (A13)	20241007.A13.1B	20241003.A52M

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