



TESTMARK Laboratories Ltd.

Committed to Quality and Service

CERTIFICATE OF ANALYSIS

Client:	Carol Koziar	Work Order Number:	551604
Company:	RDSB - Northeastern S.S. Elementary School Prog.	PO #:	
Address:	408 Wembley Drive Sudbury, ON, P3E 1P2	Regulation:	O.Reg. 243/07
Phone/Fax:	(705) 690-0323 / (705) 671-2442	Project #:	
Email:	koziarc@rainbowschools.ca	DWS #:	500045826
		Sampled By:	Carol Koziar
Date Order Received:	9/27/2024	Analysis Started:	10/3/2024
Arrival Temperature:	12.8 C	Analysis Completed:	10/4/2024

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 1 Cafeteria	2060882	Water	Plumbing		9/27/2024	6:30 AM
Flushed- BF 1 Cafeteria	2060883	Water	Plumbing		9/27/2024	7:05 AM
Standing- BF 6 by rm 8	2060884	Water	Plumbing		9/27/2024	6:35 AM
Flushed- BF 6 by rm 8	2060885	Water	Plumbing		9/27/2024	7:10 AM
Standing- S-1 rm107 daycare	2060886	Water	Plumbing		9/27/2024	6:40 AM
Flushed- S-1 rm107 daycare	2060887	Water	Plumbing		9/27/2024	7:15 AM
Standing- S-3 rm109 HUB	2060888	Water	Plumbing		9/27/2024	6:45 AM
Flushed- S-3 rm109 HUB	2060889	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:

Adam Tam, M.Sc.
Director of Operations

WORK ORDER RESULTS

Sample Description	Standing - BF 1 Cafeteria		Flushed - BF 1 Cafeteria		Standing - BF 6 by rm 8		Flushed - BF 6 by rm 8			
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	2060882		2060883		2060884		2060885			
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 - 1 rm107 daycare		Flushed - S - 1 rm107 daycare		Standing - S - 3 rm109 HUB		Flushed - S - 3 rm109 HUB			
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	2060886		2060887		2060888		2060889			
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.

Reproduction of Report: Report shall not be reproduced, except in full, without the approval of Testmark Laboratories Ltd.

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	20241004.A13.1G	
Positive Control: LFB-7 (N 100 µg/L) (7)							
Parameter	MDL	Units	LCL	Result	UCL	QAQCID	
Lead	N/A	%	85	102	115	20241004.A13.1G	
Reference Sample: CRM-12 (EP-L-3) (12)							
Parameter	MDL	Units	LCL	Result	UCL	QAQCID	
Lead	1	ug/L	2.58	3.9	5.38	20241004.A13.1G	
Sample Spike: LFMS-9 (N 100 µg/L) (9)							
Parameter	MDL	Units	LCL	Result	UCL	QAQCID	
Lead	N/A	% Rec	70	98.3	130	20241004.A13.1G	

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 1 Cafeteria	2060883	ICPMS Reg. Water (A13)	20241004.A13.1G	20241002.A52N
Flushed - BF 6 by rm 8	2060885	ICPMS Reg. Water (A13)	20241004.A13.1G	20241002.A52N
Flushed - S - 1 rm107 daycare	2060887	ICPMS Reg. Water (A13)	20241004.A13.1G	20241002.A52N
Flushed - S - 3 rm109 HUB	2060889	ICPMS Reg. Water (A13)	20241004.A13.1G	20241002.A52N
Standing - BF 1 Cafeteria	2060882	ICPMS Reg. Water (A13)	20241004.A13.1G	20241002.A52N
Standing - BF 6 by rm 8	2060884	ICPMS Reg. Water (A13)	20241004.A13.1G	20241002.A52N
Standing - S - 1 rm107 daycare	2060886	ICPMS Reg. Water (A13)	20241004.A13.1G	20241002.A52N
Standing - S - 3 rm109 HUB	2060888	ICPMS Reg. Water (A13)	20241004.A13.1G	20241002.A52N