



**TESTMARK Laboratories Ltd.**

Committed to Quality and Service

## CERTIFICATE OF ANALYSIS

Client:	Carol Koziar	Work Order Number:	514183
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:	9/29/2023	Analysis Started:	10/2/2023
Arrival Temperature:	16 °C	Analysis Completed:	10/3/2023

### 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- S2 RM 108 DAYCARE	1933648	Water	Plumbing		9/29/2023	6:30 AM
FLUSHING- S2 RM 108 DAYCARE	1933649	Water	Plumbing		9/29/2023	7:05 AM
STANDING- S4 RM 117B	1933650	Water	Plumbing		9/29/2023	6:35 AM
FLUSHING- S4 RM 117B	1933651	Water	Plumbing		9/29/2023	7:10 AM
STANDING- S9 SERVERY	1933652	Water	Plumbing		9/29/2023	6:40 AM
FLUSHED- S9 SERVERY	1933653	Water	Plumbing		9/29/2023	7:15 AM
STANDING- S16 RM 220	1933654	Water	Plumbing		9/29/2023	6:45 AM
FLUSHED- S16 RM 220	1933655	Water	Plumbing		9/29/2023	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

This report has been approved by:



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**WORK ORDER RESULTS**

Sample Description	STANDING - S2 RM 108 DAYCARE		FLUSHING - S2 RM 108 DAYCARE		STANDING - S4 RM 117B		FLUSHING - S4 RM 117B			
Sample Date	9/29/2023 6:30 AM		9/29/2023 7:05 AM		9/29/2023 6:35 AM		9/29/2023 7:10 AM			
Lab ID	1933648		1933649		1933650		1933651			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	0.1	0.1	<0.1	0.1	0.6	0.1	0.2	0.1	ug/L	10
Sample Description	STANDING - S9 SERVERY		FLUSHED - S9 SERVERY		STANDING - S16 RM 220		FLUSHED - S16 RM 220			
Sample Date	9/29/2023 6:40 AM		9/29/2023 7:15 AM		9/29/2023 6:45 AM		9/29/2023 7:20 AM			
Lab ID	1933652		1933653		1933654		1933655			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	0.6	0.1	0.2	0.1	0.4	0.1	0.3	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.

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							
<b>Method Blank: LRB-6 (Blank) (6)</b>							
Parameter	MDL	Units	LCL	Result	UCL	QAQCID	
Lead	0.1	ug/L	0	<0.1	0.3	20231003.A13.1B	
Lead	0.1	ug/L	0	<0.1	0.3	20231003.A13.1C	
<b>Positive Control: LFB-7 (N 100 µg/L) (7)</b>							
Parameter	MDL	Units	LCL	Result	UCL	QAQCID	
Lead	N/A	%	85	94.2	115	20231003.A13.1C	
Lead	N/A	%	85	95.6	115	20231003.A13.1B	
<b>Reference Sample: CRM-12 (EP-L-3) (12)</b>							
Parameter	MDL	Units	LCL	Result	UCL	QAQCID	
Lead	1	ug/L	2.58	4.01	5.38	20231003.A13.1B	
Lead	1	ug/L	2.58	4.03	5.38	20231003.A13.1C	
<b>Sample Spike: LFMS-9 (N 100 µg/L) (9)</b>							
Parameter	MDL	Units	LCL	Result	UCL	QAQCID	
Lead	N/A	% Rec	70	91.3	130	20231003.A13.1C	
Lead	N/A	% Rec	70	92.9	130	20231003.A13.1B	



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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 - S16 RM 220	1933655	ICPMS Reg. Water (A13)	20231003.A13.1B	20231002.A52C
FLUSHED - S9 SERVERY	1933653	ICPMS Reg. Water (A13)	20231003.A13.1B	20231002.A52C
FLUSHING - S2 RM 108 DAYCARE	1933649	ICPMS Reg. Water (A13)	20231003.A13.1B	20231002.A52C
FLUSHING - S4 RM 117B	1933651	ICPMS Reg. Water (A13)	20231003.A13.1B	20231002.A52C
STANDING - S16 RM 220	1933654	ICPMS Reg. Water (A13)	20231003.A13.1B	20231002.A52C
STANDING - S2 RM 108 DAYCARE	1933648	ICPMS Reg. Water (A13)	20231003.A13.1B	20231002.A52C
STANDING - S4 RM 117B	1933650	ICPMS Reg. Water (A13)	20231003.A13.1C	20231002.A52B
STANDING - S9 SERVERY	1933652	ICPMS Reg. Water (A13)	20231003.A13.1C	20231002.A52B