



## CERTIFICATE OF ANALYSIS

Client:	Carol Koziar	Work Order Number:	477742
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:	9/23/2022	Analysis Started:	10/3/2022
Arrival Temperature:	3 °C	Analysis Completed:	10/3/2022

### 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-F3 BY ROOM 126	1803170	Water	Plumbing	SAMPLE CONTAINED RESULT EXCEEDENCES.	9/23/2022	7:05 AM
FLUSHED-F3 BY ROOM 126	1803171	Water	Plumbing		9/23/2022	7:40 AM
STANDING-F4 BY ROOM 128	1803172	Water	Plumbing	SAMPLE CONTAINED RESULT EXCEEDENCES.	9/23/2022	7:10 AM
FLUSHED-F4 BY ROOM 128	1803173	Water	Plumbing	SAMPLE CONTAINED RESULT EXCEEDENCES.	9/23/2022	7:45 AM
STANDING-F8 OUTSIDE RM 203	1803174	Water	Plumbing		9/23/2022	7:15 AM
FLUSHED-F8 OUTSIDE RM 203	1803175	Water	Plumbing		9/23/2022	7:50 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

### REPORT COMMENTS

Lead exceedance reported for sample 1803170. 100322 MLS
Lead exceedance reported for samples 1803172 and 1803173. 100322 MLS



**TESTMARK Laboratories Ltd.**

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This report has been approved by:

Mahesh Patel, B.Sc.  
Laboratory Director



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#### WORK ORDER RESULTS

Sample Description	STANDING - F3 BY ROOM 126		FLUSHED - F3 BY ROOM 126		STANDING - F4 BY ROOM 128		FLUSHED - F4 BY ROOM 128			
Sample Date	9/23/2022 7:05 AM		9/23/2022 7:40 AM		9/23/2022 7:10 AM		9/23/2022 7:45 AM			
Lab ID	1803170		1803171		1803172		1803173			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	16.6	0.1	3.6	0.1	22.7	0.1	14.4	0.1	ug/L	10
Sample Description	STANDING - F8 OUTSIDE RM 203		FLUSHED - F8 OUTSIDE RM 203							
Sample Date	9/23/2022 7:15 AM		9/23/2022 7:50 AM							
Lab ID	1803174		1803175							
Metals	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07				
Lead	1.9	0.1	1.7	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.

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.

Exceedences: HIGHLIGHTED CELLS INDICATE THAT THE RESULT EXCEEDS A REGULATORY LIMIT. CALCULATED UNCERTAINTY ESTIMATIONS ARE NOT APPLIED FOR DETERMINING SAMPLE EXCEEDANCES.

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	20221003.A13.1D

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	%	85	96.3	115	20221003.A13.1D

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	1	ug/L	2.58	4.01	5.38	20221003.A13.1D

##### Sample Spike: LFMS-9 (N 100 µg/L) (9)

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	% Rec	70	97.3	130	20221003.A13.1D

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 - F3 BY ROOM 126	1803171	ICPMS Reg. Water (A13)	20221003.A13.1D	20220929.A52ZF
FLUSHED - F4 BY ROOM 128	1803173	ICPMS Reg. Water (A13)	20221003.A13.1D	20220929.A52ZF
FLUSHED - F8 OUTSIDE RM 203	1803175	ICPMS Reg. Water (A13)	20221003.A13.1D	20220929.A52ZF
STANDING - F3 BY ROOM 126	1803170	ICPMS Reg. Water (A13)	20221003.A13.1D	20220929.A52ZF
STANDING - F4 BY ROOM 128	1803172	ICPMS Reg. Water (A13)	20221003.A13.1D	20220929.A52ZF
STANDING - F8 OUTSIDE RM 203	1803174	ICPMS Reg. Water (A13)	20221003.A13.1D	20220929.A52ZF