



CERTIFICATE OF ANALYSIS - REVISED
Supersedes report printed: 10/03/2022 16:17

Client:	Carol Koziar	Work Order Number:	477688
Company:	RDSB - Carl A. Nesbitt Public School	PO #:	
Address:	408 Wembley Drive Sudbury, ON, P3E 1P2	Regulation:	O.Reg. 243/07
Phone:		Project #:	
Email:	koziarc@rainbowschools.ca	DWS #:	500046034
		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- F 1 by room 1	1802963	Water	Plumbing		9/22/2022	6:30 AM
Flushed- F 1 by room 1	1802964	Water	Plumbing		9/22/2022	7:05 AM
Standing- BF 01 by Exit E	1802965	Water	Plumbing		9/22/2022	6:35 AM
Flushed- BF 01 by Exit E	1802966	Water	Plumbing		9/22/2022	7:10 AM
Standing- BF 2 by room 5	1802967	Water	Plumbing		9/22/2022	6:40 AM
Flushed- BF 2 by room 5	1802968	Water	Plumbing		9/22/2022	7:15 AM
Standing- S-3 Room 12	1802969	Water	Plumbing		9/22/2022	6:45 AM
Flushed- S-3 Room 12	1802970	Water	Plumbing		9/22/2022	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

REPORT COMMENTS

Report revised to change the client name and waterworks number as per client request. 10/04/22 JC



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 - F 1 by room 1		Flushed - F 1 by room 1		Standing - BF 01 by Exit E		Flushed - BF 01 by Exit E			
Sample Date	9/22/2022 6:30 AM		9/22/2022 7:05 AM		9/22/2022 6:35 AM		9/22/2022 7:10 AM			
Lab ID	1802963		1802964		1802965		1802966			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	1.4	0.1	0.8	0.1	<0.1	0.1	<0.1	0.1	ug/L	10
Sample Description	Standing - BF 2 by room 5		Flushed - BF 2 by room 5		Standing - S - 3 Room 12		Flushed - S - 3 Room 12			
Sample Date	9/22/2022 6:40 AM		9/22/2022 7:15 AM		9/22/2022 6:45 AM		9/22/2022 7:20 AM			
Lab ID	1802967		1802968		1802969		1802970			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	<0.1	0.1	<0.1	0.1	0.8 [0.8]	0.1	0.5	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.

[]: Results for laboratory replicates are shown in square brackets immediately below the associated sample result for ease of comparison.

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	20221003.A13.1C
Lead	0.1	ug/L	0	<0.1	0.3	20221003.A13.1H

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	%	85	96.1	115	20221003.A13.1H
Lead	N/A	%	85	97.1	115	20221003.A13.1C

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	1	ug/L	2.58	4.05	5.38	20221003.A13.1H
Lead	1	ug/L	2.58	4.11	5.38	20221003.A13.1C

Sample Spike: LFMS-9 (N 100 µg/L) (9)

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	% Rec	70	100	130	20221003.A13.1C
Lead	N/A	% Rec	70	93.9	130	20221003.A13.1H



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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 - BF 01 by Exit E	1802966	ICPMS Reg. Water (A13)	20221003.A13.1H	20220929.A52ZD
Flushed - BF 2 by room 5	1802968	ICPMS Reg. Water (A13)	20221003.A13.1H	20220929.A52ZD
Flushed - F 1 by room 1	1802964	ICPMS Reg. Water (A13)	20221003.A13.1H	20220929.A52ZD
Flushed - S - 3 Room 12	1802970	ICPMS Reg. Water (A13)	20221003.A13.1C	20220929.A52ZE
Standing - BF 01 by Exit E	1802965	ICPMS Reg. Water (A13)	20221003.A13.1H	20220929.A52ZD
Standing - BF 2 by room 5	1802967	ICPMS Reg. Water (A13)	20221003.A13.1H	20220929.A52ZD
Standing - F 1 by room 1	1802963	ICPMS Reg. Water (A13)	20221003.A13.1H	20220929.A52ZD
Standing - S - 3 Room 12	1802969	ICPMS Reg. Water (A13)	20221003.A13.1C	20220929.A52ZE
Standing - S - 3 Room 12	1802969r	ICPMS Reg. Water (A13)	20221003.A13.1C	20220929.A52ZE