



CERTIFICATE OF ANALYSIS

Client:	Carol Koziar	Work Order Number:	477793
Company:	RDSB - Ernie Checkeris Public School	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 #:	500039183
		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-F1 ROOM3	1803356	Water	Plumbing		9/23/2022	6:30 AM
FLUSHED-F1 ROOM3	1803357	Water	Plumbing		9/23/2022	7:05 AM
STANDING-BF 01 BY CUST.	1803358	Water	Plumbing		9/23/2022	6:35 AM
FLUSHED-BF 01 BY CUST.	1803359	Water	Plumbing		9/23/2022	7:10 AM
STANDING-S-5 ROOM 4	1803360	Water	Plumbing		9/23/2022	6:40 AM
FLUSHED-S-5 ROOM 4	1803361	Water	Plumbing		9/23/2022	7:15 AM
STANDING-S-8 RM 2 DAYCARE	1803362	Water	Plumbing		9/23/2022	6:45 AM
FLUSHED-S-8 RM 2 DAYCARE	1803363	Water	Plumbing		9/23/2022	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



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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 - F1 ROOM3		FLUSHED - F1 ROOM3		STANDING - BF 01 BY CUST.		FLUSHED - BF 01 BY CUST.			
Sample Date	9/23/2022 6:30 AM		9/23/2022 7:05 AM		9/23/2022 6:35 AM		9/23/2022 7:10 AM			
Lab ID	1803356		1803357		1803358		1803359			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	0.3	0.1	0.4	0.1	<0.1	0.1	<0.1	0.1	ug/L	10

Sample Description	STANDING - S - 5 ROOM 4		FLUSHED - S - 5 ROOM 4		STANDING - S - 8 RM 2 DAYCARE		FLUSHED - S - 8 RM 2 DAYCARE			
Sample Date	9/23/2022 6:40 AM		9/23/2022 7:15 AM		9/23/2022 6:45 AM		9/23/2022 7:20 AM			
Lab ID	1803360		1803361		1803362		1803363			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	0.3	0.1	0.3	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.

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.A13.1F
Lead	0.1	ug/L	0	<0.1	0.3	20221003.A13.1G

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	%	85	95.7	115	20221003.A13.1F
Lead	N/A	%	85	95.7	115	20221003.A13.1G

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	1	ug/L	2.58	3.94	5.38	20221003.A13.1F
Lead	1	ug/L	2.58	4.06	5.38	20221003.A13.1G

Sample Spike: LFMS-9 (N 100 µg/L) (9)

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	% Rec	70	98.1	130	20221003.A13.1G
Lead	N/A	% Rec	70	98.3	130	20221003.A13.1F



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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 CUST.	1803359	ICPMS Reg. Water (A13)	20221003.A13.1G	20220930.A52K
FLUSHED - F1 ROOM3	1803357	ICPMS Reg. Water (A13)	20221003.A13.1F	20220929.A52ZG
FLUSHED - S - 5 ROOM 4	1803361	ICPMS Reg. Water (A13)	20221003.A13.1G	20220930.A52K
FLUSHED - S - 8 RM 2 DAYCARE	1803363	ICPMS Reg. Water (A13)	20221003.A13.1G	20220930.A52K
STANDING - BF 01 BY CUST.	1803358	ICPMS Reg. Water (A13)	20221003.A13.1G	20220930.A52K
STANDING - F1 ROOM3	1803356	ICPMS Reg. Water (A13)	20221003.A13.1F	20220929.A52ZG
STANDING - S - 5 ROOM 4	1803360	ICPMS Reg. Water (A13)	20221003.A13.1G	20220930.A52K
STANDING - S - 8 RM 2 DAYCARE	1803362	ICPMS Reg. Water (A13)	20221003.A13.1G	20220930.A52K