



CERTIFICATE OF ANALYSIS

Client:	Alain Venne	Work Order Number:	502605
Company:	RDSB - Algonquin Rd. Public School	PO #:	
Address:	408 Wembley Drive Sudbury, ON, P3E 1P2	Regulation:	O.Reg. 243/07
Phone/Fax:	(705) 919-3531 / (705) 671-2442	Project #:	
Email:	vennea@rainbowschools.ca	DWS #:	500044435
		Sampled By:	Joe M
Date Order Received:	6/14/2023	Analysis Started:	6/16/2023
Arrival Temperature:	17 °C	Analysis Completed:	6/19/2023

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- BF 01 Lobby	1892839	Water	Plumbing		6/14/2023	6:30 AM
Flushed- BF 01 Lobby	1892840	Water	Plumbing		6/14/2023	7:05 AM
Standing- BF 2 by Room 8	1892841	Water	Plumbing		6/14/2023	6:35 AM
Flushed- BF 2 by Room 8	1892842	Water	Plumbing		6/14/2023	7:10 AM
Standing- S4 room 20 Daycare	1892843	Water	Plumbing		6/14/2023	6:30 AM
Flushed- S4 room 20 Daycare	1892844	Water	Plumbing		6/14/2023	7:05 AM
Standing- S5 room 21	1892845	Water	Plumbing		6/14/2023	6:35 AM
Flushed- S5 room 21	1892846	Water	Plumbing		6/14/2023	7:10 AM
Standing- S6 room 22	1892847	Water	Plumbing		6/14/2023	6:35 AM
Flushed- S6 room 22	1892848	Water	Plumbing		6/14/2023	7:10 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:



Vicky Bissou

Laboratory Director



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WORK ORDER RESULTS

Sample Description	Standing - BF 01 Lobby		Flushed - BF 01 Lobby		Standing - BF 2 by Room 8		Flushed - BF 2 by Room 8			
Sample Date	6/14/2023 6:30 AM		6/14/2023 7:05 AM		6/14/2023 6:35 AM		6/14/2023 7:10 AM			
Lab ID	1892839		1892840		1892841		1892842			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	<0.1 [<0.1]	0.1	0.2	0.1	<0.1	0.1	<0.1	0.1	ug/L	10
Sample Description	Standing - S4 room 20 Daycare		Flushed - S4 room 20 Daycare		Standing - S5 room 21		Flushed - S5 room 21			
Sample Date	6/14/2023 6:30 AM		6/14/2023 7:05 AM		6/14/2023 6:35 AM		6/14/2023 7:10 AM			
Lab ID	1892843		1892844		1892845		1892846			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	1.6	0.1	<0.1	0.1	0.6	0.1	0.5	0.1	ug/L	10
Sample Description	Standing - S6 room 22		Flushed - S6 room 22							
Sample Date	6/14/2023 6:35 AM		6/14/2023 7:10 AM							
Lab ID	1892847		1892848							
Metals	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07				
Lead	0.2	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.

[]: 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	20230619.A13.1E

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	%	85	99.4	115	20230619.A13.1E

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	20230619.A13.1E

Sample Spike: LFMS-9 (N 100 µg/L) (9)

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	% Rec	70	91.7	130	20230619.A13.1E

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 Lobby	1892840	ICPMS Reg. Water (A13)	20230619.A13.1E	20230615.A52ZE
Flushed - BF 2 by Room 8	1892842	ICPMS Reg. Water (A13)	20230619.A13.1E	20230615.A52ZE
Flushed - S4 room 20 Daycare	1892844	ICPMS Reg. Water (A13)	20230619.A13.1E	20230615.A52ZE
Flushed - S5 room 21	1892846	ICPMS Reg. Water (A13)	20230619.A13.1E	20230615.A52ZE
Flushed - S6 room 22	1892848	ICPMS Reg. Water (A13)	20230619.A13.1E	20230615.A52ZE
Standing - BF 01 Lobby	1892839	ICPMS Reg. Water (A13)	20230619.A13.1E	20230615.A52ZE
Standing - BF 01 Lobby	1892839r	ICPMS Reg. Water (A13)	20230619.A13.1E	20230615.A52ZE
Standing - BF 2 by Room 8	1892841	ICPMS Reg. Water (A13)	20230619.A13.1E	20230615.A52ZE
Standing - S4 room 20 Daycare	1892843	ICPMS Reg. Water (A13)	20230619.A13.1E	20230615.A52ZE
Standing - S5 room 21	1892845	ICPMS Reg. Water (A13)	20230619.A13.1E	20230615.A52ZE
Standing - S6 room 22	1892847	ICPMS Reg. Water (A13)	20230619.A13.1E	20230615.A52ZE