



CERTIFICATE OF ANALYSIS

Client:	Alain Venne	Work Order Number:	502612
Company:	RDSB - Jean Hansen	PO #:	
Address:	408 Wembley Drive Sudbury, ON, P3E 1P2	Regulation:	O.Reg. 243/07
Phone:	(705) 919-3531	Project #:	
Email:	vennea@rainbowschools.ca	DWS #:	500039196
		Sampled By:	Alain Venne
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 03 by room 8	1892870	Water	Plumbing		6/14/2023	6:30 AM
Flushed- BF 03 by room 8	1892871	Water	Plumbing		6/14/2023	7:05 AM
Standing- S5 Room 12	1892872	Water	Plumbing		6/14/2023	6:35 AM
Flushed- S5 Room 12	1892873	Water	Plumbing		6/14/2023	7:10 AM
Standing- BF 1 by room 4	1892874	Water	Plumbing		6/14/2023	6:35 AM
Flushed- BF 1 by room 4	1892875	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 03 by room 8		Flushed - BF 03 by room 8		Standing - S5 Room 12		Flushed - S5 Room 12			
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	1892870		1892871		1892872		1892873			
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	0.8	0.1	ug/L	10

Sample Description	Standing - BF 1 by room 4		Flushed - BF 1 by room 4			
Sample Date	6/14/2023 6:35 AM		6/14/2023 7:10 AM			
Lab ID	1892874		1892875			
Metals	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	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.

[]: 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.A13.1B
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	99.3	115	20230619.A13.1B
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
Lead	1	ug/L	2.58	3.95	5.38	20230619.A13.1B

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
Lead	N/A	% Rec	70	93.2	130	20230619.A13.1B

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 03 by room 8	1892871	ICPMS Reg. Water (A13)	20230619.A13.1E	20230615.A52ZE
Flushed - BF 1 by room 4	1892875	ICPMS Reg. Water (A13)	20230619.A13.1B	20230615.A52ZF
Flushed - S5 Room 12	1892873	ICPMS Reg. Water (A13)	20230619.A13.1B	20230615.A52ZF
Standing - BF 03 by room 8	1892870	ICPMS Reg. Water (A13)	20230619.A13.1E	20230615.A52ZE
Standing - BF 1 by room 4	1892874	ICPMS Reg. Water (A13)	20230619.A13.1B	20230615.A52ZF
Standing - S5 Room 12	1892872	ICPMS Reg. Water (A13)	20230619.A13.1B	20230615.A52ZF
Standing - S5 Room 12	1892872r	ICPMS Reg. Water (A13)	20230619.A13.1B	20230615.A52ZF