



## CERTIFICATE OF ANALYSIS

Client:	Alain Venne	Work Order Number:	442586
Company:	RDSB - Lansdowne 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 #:	500045878
		Sampled By:	Melanie G
Date Order Received:	9/15/2021	Analysis Started:	9/22/2021
Arrival Temperature:	11.5 °C	Analysis Completed:	9/23/2021

### 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 2 by Room 203	1683782	Water	Plumbing		9/14/2021	6:30 AM
Flushed-BF 2 by Room 203	1683783	Water	Plumbing		9/14/2021	7:05 AM
Standing-S4 room 102	1683784	Water	Plumbing		9/14/2021	6:35 AM
Flushed-S4 room 102	1683785	Water	Plumbing		9/14/2021	7:10 AM
Standing-S6 Room 16	1683786	Water	Plumbing		9/14/2021	6:30 AM
Flushed-S6 Room 16	1683787	Water	Plumbing		9/14/2021	7:05 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



**TESTMARK Laboratories Ltd.**

*Committed to Quality and Service*

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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 - BF 2 by Room 203		Flushed - BF 2 by Room 203		Standing - S4 room 102		Flushed - S4 room 102			
Sample Date	9/14/2021 6:30 AM		9/14/2021 7:05 AM		9/14/2021 6:35 AM		9/14/2021 7:10 AM			
Lab ID	1683782		1683783		1683784		1683785			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	<0.1	0.1	<0.1	0.1	0.4	0.1	0.3 [0.3]	0.1	ug/L	10

  

Sample Description	Standing - S6 Room 16		Flushed - S6 Room 16			
Sample Date	9/14/2021 6:30 AM		9/14/2021 7:05 AM			
Lab ID	1683786		1683787			
Metals	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	5.1	0.1	0.9	0.1	ug/L	10

### 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.

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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	1	20210922.A13.1C
Lead	0.1	ug/L	0	<0.1	1	20210923.A13.1B

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	%	80	95.8	120	20210923.A13.1B
Lead	N/A	%	80	97.4	120	20210922.A13.1C

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	1	ug/L	2.58	3.91	5.38	20210923.A13.1B
Lead	1	ug/L	2.58	4.04	5.38	20210922.A13.1C

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	% Rec	70	88.1	130	20210923.A13.1B
Lead	N/A	% Rec	70	98.3	130	20210922.A13.1C

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 2 by Room 203	1683783	ICPMS Reg. Water (A13)	20210923.A13.1B	20210921.A52Z
Flushed - S4 room 102	1683785	ICPMS Reg. Water (A13)	20210922.A13.1C	20210921.A52X
Flushed - S4 room 102	1683785r	ICPMS Reg. Water (A13)	20210922.A13.1C	20210921.A52X
Flushed - S6 Room 16	1683787	ICPMS Reg. Water (A13)	20210923.A13.1B	20210921.A52Z
Standing - BF 2 by Room 203	1683782	ICPMS Reg. Water (A13)	20210923.A13.1B	20210921.A52Z
Standing - S4 room 102	1683784	ICPMS Reg. Water (A13)	20210923.A13.1B	20210921.A52Z
Standing - S6 Room 16	1683786	ICPMS Reg. Water (A13)	20210923.A13.1B	20210921.A52Z