



## CERTIFICATE OF ANALYSIS

Client:	Alain Venne	Work Order Number:	442575
Company:	RDSB - Lo-Ellen Park Secondary 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 #:	500040379
		Sampled By:	Illegable
Date Order Received:	9/15/2021	Analysis Started:	9/22/2021
Arrival Temperature:	11.5 °C	Analysis Completed:	9/22/2021

### 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 7 by room 205 A	1683752	Water	Plumbing		9/14/2021	6:30 AM
Flushed-BF 7 by room 205 A	1683753	Water	Plumbing		9/14/2021	7:05 AM
Standing-F1 by room 104	1683754	Water	Plumbing		9/14/2021	6:30 AM
Flushed-F1 by room 104	1683755	Water	Plumbing		9/14/2021	7:05 AM
Standing-BF 8 by room 333 B	1683756	Water	Plumbing		9/14/2021	6:35 AM
Flushed-BF 8 by room 333 B	1683757	Water	Plumbing		9/14/2021	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



**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 7 by room 205 A		Flushed - BF 7 by room 205 A		Standing - F1 by room 104		Flushed - F1 by room 104			
Sample Date	9/14/2021 6:30 AM		9/14/2021 7:05 AM		9/14/2021 6:30 AM		9/14/2021 7:05 AM			
Lab ID	1683752		1683753		1683754		1683755			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	<0.1	0.1	<0.1	0.1	<0.1	0.1	<0.1	0.1	ug/L	10

  

Sample Description	Standing - BF 8 by room 333 B		Flushed - BF 8 by room 333 B			
Sample Date	9/14/2021 6:35 AM		9/14/2021 7:10 AM			
Lab ID	1683756		1683757			
Metals	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	<0.1	0.1	0.1	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.

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	20210922.A13.1D	
Positive Control: LFB-7 (N 100 µg/L) (7)							
Parameter	MDL	Units	LCL	Result	UCL	QAQCID	
Lead	N/A	%	80	96.6	120	20210922.A13.1D	
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	4.04	5.38	20210922.A13.1C	
Lead	1	ug/L	2.58	4.06	5.38	20210922.A13.1D	
Sample Spike: LFMS-9 (N 100 µg/L) (9)							
Parameter	MDL	Units	LCL	Result	UCL	QAQCID	
Lead	N/A	% Rec	70	95.7	130	20210922.A13.1D	
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 7 by room 205 A	1683753	ICPMS Reg. Water (A13)	20210922.A13.1C	20210921.A52X
Flushed - BF 8 by room 333 B	1683757	ICPMS Reg. Water (A13)	20210922.A13.1C	20210921.A52X
Flushed - F1 by room 104	1683755	ICPMS Reg. Water (A13)	20210922.A13.1D	20210921.A52W
Standing - BF 7 by room 205 A	1683752	ICPMS Reg. Water (A13)	20210922.A13.1D	20210921.A52W
Standing - BF 8 by room 333 B	1683756	ICPMS Reg. Water (A13)	20210922.A13.1C	20210921.A52X
Standing - F1 by room 104	1683754	ICPMS Reg. Water (A13)	20210922.A13.1C	20210921.A52X