



CERTIFICATE OF ANALYSIS

Client:	Alain Venne	Work Order Number:	442597
Company:	RDSB - Queen Elizabeth II 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 #:	500045969
		Sampled By:	Alain Venne
Date Order Received:	9/15/2021	Analysis Started:	9/24/2021
Arrival Temperature:	11.5 °C	Analysis Completed:	9/24/2021

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 104	1683828	Water	Plumbing	SAMPLE CONTAINED RESULT EXCEEDENCES.	9/15/2021	6:30 AM
Flushed-BF 2 by Room 104	1683829	Water	Plumbing		9/15/2021	7:05 AM
Standing-S3 Room 117	1683830	Water	Plumbing		9/15/2021	6:35 AM
Flushed-S3 Room 117	1683831	Water	Plumbing		9/15/2021	7:10 AM
Standing-S4 Room 116	1683832	Water	Plumbing		9/15/2021	6:35 AM
Flushed-S4 Room 116	1683833	Water	Plumbing		9/15/2021	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

REPORT COMMENTS

Lead exceedance reported for sample 1683828. 092421 MLS



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 104		Flushed - BF 2 by Room 104		Standing - S3 Room 117		Flushed - S3 Room 117			
Sample Date	9/15/2021 6:30 AM		9/15/2021 7:05 AM		9/15/2021 6:35 AM		9/15/2021 7:10 AM			
Lab ID	1683828		1683829		1683830		1683831			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	20.2	0.1	1.4	0.1	0.2	0.1	0.1	0.1	ug/L	10
Sample Description	Standing - S4 Room 116		Flushed - S4 Room 116							
Sample Date	9/15/2021 6:35 AM		9/15/2021 7:10 AM							
Lab ID	1683832		1683833							
Metals	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07				
Lead	0.2	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.

Exceedences: HIGHLIGHTED CELLS INDICATE THAT THE RESULT EXCEEDS A REGULATORY LIMIT. CALCULATED UNCERTAINTY ESTIMATIONS ARE NOT APPLIED FOR DETERMINING SAMPLE EXCEEDANCES.

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	20210924.A13.1C
Lead	0.1	ug/L	0	<0.1	1	20210924.A13.1D
Lead	0.1	ug/L	0	<0.1	1	20210924.A13.1F

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	%	80	95.8	120	20210924.A13.1D
Lead	N/A	%	80	96.3	120	20210924.A13.1F
Lead	N/A	%	80	96.6	120	20210924.A13.1C

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	1	ug/L	2.58	3.89	5.38	20210924.A13.1C
Lead	1	ug/L	2.58	3.97	5.38	20210924.A13.1D
Lead	1	ug/L	2.58	4.02	5.38	20210924.A13.1F

Sample Spike: LFMS-9 (N 100 µg/L) (9)

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	% Rec	70	89.7	130	20210924.A13.1F
Lead	N/A	% Rec	70	90.3	130	20210924.A13.1D
Lead	N/A	% Rec	70	91.9	130	20210924.A13.1C



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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 2 by Room 104	1683829	ICPMS Reg. Water (A13)	20210924.A13.1F	20210923.A52M
Flushed - S3 Room 117	1683831	ICPMS Reg. Water (A13)	20210924.A13.1C	20210922.A52U
Flushed - S4 Room 116	1683833	ICPMS Reg. Water (A13)	20210924.A13.1D	20210922.A52V
Standing - BF 2 by Room 104	1683828	ICPMS Reg. Water (A13)	20210924.A13.1F	20210923.A52M
Standing - S3 Room 117	1683830	ICPMS Reg. Water (A13)	20210924.A13.1C	20210922.A52U
Standing - S4 Room 116	1683832	ICPMS Reg. Water (A13)	20210924.A13.1C	20210922.A52U