



## CERTIFICATE OF ANALYSIS

Client:	Alain Venne	Work Order Number:	442578
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:	Alain Venne
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-S1 Room 244	1683760	Water	Plumbing		9/15/2021	6:30 AM
Flushed-S1 Room 244	1683761	Water	Plumbing		9/15/2021	7:05 AM
Standing-S2 Room 244	1683762	Water	Plumbing		9/15/2021	6:30 AM
Flushed-S2 Room 244	1683763	Water	Plumbing		9/15/2021	7:05 AM
Standing-S3 Room 244	1683764	Water	Plumbing		9/15/2021	6:30 AM
Flushed-S3 Room 244	1683765	Water	Plumbing		9/15/2021	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 - S1 Room 244		Flushed - S1 Room 244		Standing - S2 Room 244		Flushed - S2 Room 244			
Sample Date	9/15/2021 6:30 AM		9/15/2021 7:05 AM		9/15/2021 6:30 AM		9/15/2021 7:05 AM			
Lab ID	1683760		1683761		1683762		1683763			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	0.6	0.1	0.1	0.1	1.3	0.1	0.2	0.1	ug/L	10

  

Sample Description	Standing - S3 Room 244		Flushed - S3 Room 244			
Sample Date	9/15/2021 6:30 AM		9/15/2021 7:05 AM			
Lab ID	1683764		1683765			
Metals	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	0.6	0.1	0.3	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
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	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	3.91	5.38	20210923.A13.1B
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	88.1	130	20210923.A13.1B
Lead	N/A	% Rec	70	95.7	130	20210922.A13.1D
Lead	N/A	% Rec	70	98.3	130	20210922.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 - S1 Room 244	1683761	ICPMS Reg. Water (A13)	20210922.A13.1D	20210921.A52W
Flushed - S2 Room 244	1683763	ICPMS Reg. Water (A13)	20210922.A13.1C	20210921.A52X
Flushed - S3 Room 244	1683765	ICPMS Reg. Water (A13)	20210922.A13.1C	20210921.A52X
Standing - S1 Room 244	1683760	ICPMS Reg. Water (A13)	20210922.A13.1C	20210921.A52X
Standing - S2 Room 244	1683762	ICPMS Reg. Water (A13)	20210923.A13.1B	20210921.A52Z
Standing - S3 Room 244	1683764	ICPMS Reg. Water (A13)	20210923.A13.1B	20210921.A52Z