



## CERTIFICATE OF ANALYSIS

Client: Alain Venne  
Company: RDSB - Jean Hansen  
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Phone: (705) 919-3531  
Email: vennea@rainbowschools.ca

Work Order Number: 412265  
PO #:   
Regulation: O.Reg. 243/07  
Project #:   
DWS #: 500039196  
Sampled By: Alain Venne

Date Order Received: 9/25/2020  
Arrival Temperature: 13 °C

Analysis Started: 9/28/2020  
Analysis Completed: 9/28/2020

### 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 1 BY ROOM 4	1579425	Water	Plumbing		9/24/2020	6:30 AM
FLUSHED-BF 1 BY ROOM 4	1579426	Water	Plumbing		9/24/2020	7:05 AM
STANDING-S1 ROOM7	1579427	Water	Plumbing		9/24/2020	6:35 AM
FLUSHED-S1 ROOM 7	1579428	Water	Plumbing		9/24/2020	7:10 AM
STANDING-BF 01 BY ROOM 4	1579429	Water	Plumbing		9/24/2020	6:30 AM
FLUSHED-BF 01 BY ROOM 4	1579430	Water	Plumbing		9/24/2020	7:05 AM
STANDING-S2 ROOM 10 ISLAND	1579431	Water	Plumbing		9/24/2020	6:35 AM
FLUSHED-S2 ROOM 10 ISLAND	1579432	Water	Plumbing		9/24/2020	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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RDSB - Jean Hansen

Work Order Number: 412265

This report has been approved by:

Brad Halvorson, B.Sc.  
Laboratory Director



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### WORK ORDER RESULTS

Sample Description	STANDING - BF 1 BY ROOM 4		FLUSHED - BF 1 BY ROOM 4		STANDING - S1 ROOM7		FLUSHED - S1 ROOM 7			
Sample Date	9/24/2020 6:30 AM		9/24/2020 7:05 AM		9/24/2020 6:35 AM		9/24/2020 7:10 AM			
Lab ID	1579425		1579426		1579427		1579428			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	0.3	0.1	0.1	0.1	3.1	0.1	2.3	0.1	ug/L	10

  

Sample Description	STANDING - BF 01 BY ROOM 4		FLUSHED - BF 01 BY ROOM 4		STANDING - S2 ROOM 10 ISLAND		FLUSHED - S2 ROOM 10 ISLAND			
Sample Date	9/24/2020 6:30 AM		9/24/2020 7:05 AM		9/24/2020 6:35 AM		9/24/2020 7:10 AM			
Lab ID	1579429		1579430		1579431		1579432			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	0.3	0.1	0.2	0.1	0.7	0.1	0.7	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	20200928.A13.1C

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	%	80	95.4	120	20200928.A13.1C

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	1	ug/L	2.64	4.1	5.44	20200928.A13.1C

##### Sample Replicate: % RPD (4)

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	%	0	0	20	20200928.A13.1C

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	% Rec	70	102	130	20200928.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 01 BY ROOM 4	1579430	ICPMS Reg. Water (A13)	20200928.A13.1C	20200927.A52E
FLUSHED - BF 1 BY ROOM 4	1579426	ICPMS Reg. Water (A13)	20200928.A13.1C	20200927.A52E
FLUSHED - S1 ROOM 7	1579428	ICPMS Reg. Water (A13)	20200928.A13.1C	20200927.A52E
FLUSHED - S2 ROOM 10 ISLAND	1579432	ICPMS Reg. Water (A13)	20200928.A13.1C	20200927.A52E
STANDING - BF 01 BY ROOM 4	1579429	ICPMS Reg. Water (A13)	20200928.A13.1C	20200927.A52E
STANDING - BF 1 BY ROOM 4	1579425	ICPMS Reg. Water (A13)	20200928.A13.1C	20200927.A52E
STANDING - S1 ROOM7	1579427	ICPMS Reg. Water (A13)	20200928.A13.1C	20200927.A52E
STANDING - S2 ROOM 10 ISLAND	1579431	ICPMS Reg. Water (A13)	20200928.A13.1C	20200927.A52E