



## CERTIFICATE OF ANALYSIS

Client:	Carol Koziar	Work Order Number:	411885
Company:	RDSB - Ernie Checkeris Public School	PO #:	
Address:	408 Wembley Drive Sudbury, ON, P3E 1P2	Regulation:	O.Reg. 243/07
Phone/Fax:	(705) 690-0323 / (705) 671-2442	Project #:	
Email:	koziarc@rainbowschools.ca	DWS #:	500039183
		Sampled By:	Carol Koziar
Date Order Received:	9/22/2020	Analysis Started:	9/28/2020
Arrival Temperature:	9 °C	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 CUSTODIAN ROOM	1578105	Water	Plumbing		9/22/2020	7:00 AM
FLUSHED-BF 1 BY CUSTODIAN ROOM	1578106	Water	Plumbing		9/22/2020	7:35 AM
STANDING-S-6 ROOM 2 DAYCARE	1578107	Water	Plumbing		9/22/2020	7:05 AM
FLUSHED-S-6 ROOM 2 DAYCARE	1578108	Water	Plumbing		9/22/2020	7:40 AM
STANDING-S-1 ROOM 11	1578109	Water	Plumbing		9/22/2020	7:10 AM
FLUSHED-S-1 ROOM 11	1578110	Water	Plumbing		9/22/2020	7:45 AM
STANDING-S-2 ROOM 5	1578111	Water	Plumbing		9/22/2020	7:15 AM
FLUSHED-S-2 ROOM 5	1578112	Water	Plumbing		9/22/2020	7:50 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:

Brad Halvorson, B.Sc.

Laboratory Director



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### WORK ORDER RESULTS

Sample Description	STANDING - BF 1 BY CUSTODIAN ROOM		FLUSHED - BF 1 BY CUSTODIAN ROOM		STANDING - S - 6 ROOM 2 DAYCARE		FLUSHED - S - 6 ROOM 2 DAYCARE			
Sample Date	9/22/2020 7:00 AM		9/22/2020 7:35 AM		9/22/2020 7:05 AM		9/22/2020 7:40 AM			
Lab ID	1578105		1578106		1578107		1578108			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	<0.1	0.1	<0.1	0.1	0.2	0.1	<0.1	0.1	ug/L	10

  

Sample Description	STANDING - S - 1 ROOM 11		FLUSHED - S - 1 ROOM 11		STANDING - S - 2 ROOM 5		FLUSHED - S - 2 ROOM 5			
Sample Date	9/22/2020 7:10 AM		9/22/2020 7:45 AM		9/22/2020 7:15 AM		9/22/2020 7:50 AM			
Lab ID	1578109		1578110		1578111		1578112			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	1.1	0.1	1.1	0.1	0.2 [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.

[ ]: 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	20200928.A13.1D
Lead	0.1	ug/L	0	<0.1	1	20200928.A13.1F

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	%	80	94.6	120	20200928.A13.1F
Lead	N/A	%	80	96.4	120	20200928.A13.1D

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	1	ug/L	2.64	4.07	5.44	20200928.A13.1F
Lead	1	ug/L	2.64	4.17	5.44	20200928.A13.1D

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	% Rec	70	100	130	20200928.A13.1D
Lead	N/A	% Rec	70	88.1	130	20200928.A13.1F



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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 1 BY CUSTODIAN ROOM	1578106	ICPMS Reg. Water (A13)	20200928.A13.1F	20200925.A52ZA
FLUSHED - S - 1 ROOM 11	1578110	ICPMS Reg. Water (A13)	20200928.A13.1F	20200925.A52ZA
FLUSHED - S - 2 ROOM 5	1578112	ICPMS Reg. Water (A13)	20200928.A13.1D	20200927.A52C
FLUSHED - S - 6 ROOM 2 DAYCARE	1578108	ICPMS Reg. Water (A13)	20200928.A13.1F	20200925.A52ZA
STANDING - BF 1 BY CUSTODIAN ROOM	1578105	ICPMS Reg. Water (A13)	20200928.A13.1F	20200925.A52ZA
STANDING - S - 1 ROOM 11	1578109	ICPMS Reg. Water (A13)	20200928.A13.1F	20200925.A52ZA
STANDING - S - 2 ROOM 5	1578111	ICPMS Reg. Water (A13)	20200928.A13.1D	20200927.A52C
STANDING - S - 2 ROOM 5	1578111r	ICPMS Reg. Water (A13)	20200928.A13.1D	20200927.A52C
STANDING - S - 6 ROOM 2 DAYCARE	1578107	ICPMS Reg. Water (A13)	20200928.A13.1F	20200925.A52ZA