



## CERTIFICATE OF ANALYSIS

Client:	Lisa Polano	Work Order Number:	411042
Company:	RDSB - Lockerby Composite School	PO #:	
Address:	408 Wembley Drive Sudbury, ON, P3E 1P2	Regulation:	O.Reg. 243/07
Phone:		Project #:	
Email:	polanol@rainbowschools.ca	DWS #:	500040314
Date Order Received:	9/14/2020	Sampled By:	Lisa P
Arrival Temperature:	9.1 °C	Analysis Started:	9/18/2020
		Analysis Completed:	9/18/2020

### 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 by Rm 214	1575010	Water	Plumbing		9/14/2020	6:00 AM
Flushed-BF by Rm 214	1575011	Water	Plumbing		9/14/2020	6:35 AM
Standing-BF by 234	1575012	Water	Plumbing		9/14/2020	6:05 AM
Flushed-BF by 234	1575013	Water	Plumbing		9/14/2020	6:40 AM
Standing-BF by 241	1575014	Water	Plumbing		9/14/2020	6:10 AM
Flushed-BF by 241	1575015	Water	Plumbing		9/14/2020	6:45 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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Work Order Number: 411042

This report has been approved by:

Brad Halvorson, B.Sc.

Laboratory Director



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### WORK ORDER RESULTS

Sample Description	Standing - BF by Rm 214		Flushed - BF by Rm 214		Standing - BF by 234		Flushed - BF by 234			
Sample Date	9/14/2020 6:00 AM		9/14/2020 6:35 AM		9/14/2020 6:05 AM		9/14/2020 6:40 AM			
Lab ID	1575010		1575011		1575012		1575013			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	<0.1	0.1	0.2	0.1	<0.1	0.1	<0.1	0.1	ug/L	10

  

Sample Description	Standing - BF by 241		Flushed - BF by 241			
Sample Date	9/14/2020 6:10 AM		9/14/2020 6:45 AM			
Lab ID	1575014		1575015			
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	20200918.A13.1F

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	%	80	96.6	120	20200918.A13.1F

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	1	ug/L	2.64	4.04	5.44	20200918.A13.1F

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	% Rec	70	93.7	130	20200918.A13.1F

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 by 234	1575013	ICPMS Reg. Water (A13)	20200918.A13.1F	20200917.A52F
Flushed - BF by 241	1575015	ICPMS Reg. Water (A13)	20200918.A13.1F	20200917.A52F
Flushed - BF by Rm 214	1575011	ICPMS Reg. Water (A13)	20200918.A13.1F	20200917.A52F
Standing - BF by 234	1575012	ICPMS Reg. Water (A13)	20200918.A13.1F	20200917.A52F
Standing - BF by 241	1575014	ICPMS Reg. Water (A13)	20200918.A13.1F	20200917.A52F
Standing - BF by Rm 214	1575010	ICPMS Reg. Water (A13)	20200918.A13.1F	20200917.A52F