



CERTIFICATE OF ANALYSIS

Client:	Lisa Polano	Work Order Number:	411052
Company:	RDSB - Chelmsford S.S.	PO #:	
Address:	408 Wembley Drive Sudbury, ON, P3E 1P2	Regulation:	O.Reg. 243/07
Phone/Fax:	(705) 690-0323 / (705) 671-2442	Project #:	
Email:	polanol@rainbowschools.ca	DWS #:	500045748
		Sampled By:	Lisa Polano
Date Order Received:	9/14/2020	Analysis Started:	9/18/2020
Arrival Temperature:	9.1 °C	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-1 By C-2	1575067	Water	Plumbing		9/12/2020	9:00 AM
Flushed-BF-1 By C-2	1575068	Water	Plumbing		9/12/2020	9:35 AM
Standing-S-1 in rm 203	1575069	Water	Plumbing		9/12/2020	9:05 AM
Flushed-S-1 in rm 203	1575070	Water	Plumbing		9/12/2020	9:40 AM
Standing-S-5 Rm 118	1575071	Water	Plumbing		9/12/2020	9:10 AM
Flushed-S-5 Rm 118	1575072	Water	Plumbing		9/12/2020	9:45 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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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 C - 2		Flushed - BF - 1 By C - 2		Standing - S - 1 in rm 203		Flushed - S - 1 in rm 203			
Sample Date	9/12/2020 9:00 AM		9/12/2020 9:35 AM		9/12/2020 9:05 AM		9/12/2020 9:40 AM			
Lab ID	1575067		1575068		1575069		1575070			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	<0.1	0.1	<0.1	0.1	2.5	0.1	1.0	0.1	ug/L	10

Sample Description	Standing - S - 5 Rm 118		Flushed - S - 5 Rm 118			
Sample Date	9/12/2020 9:10 AM		9/12/2020 9:45 AM			
Lab ID	1575071		1575072			
Metals	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	1.2 [1.2]	0.1	0.5	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	20200918.A13.1D
Lead	0.1	ug/L	0	<0.1	1	20200918.A13.1E

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	%	80	94.6	120	20200918.A13.1E
Lead	N/A	%	80	95.5	120	20200918.A13.1D

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	1	ug/L	2.64	4.14	5.44	20200918.A13.1D
Lead	1	ug/L	2.64	4.2	5.44	20200918.A13.1E

Sample Replicate: % RPD (4)

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	%	0	0	20	20200918.A13.1D

Sample Spike: LFMS-9 (N 100 µg/L) (9)

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	% Rec	70	94.6	130	20200918.A13.1E
Lead	N/A	% Rec	70	97	130	20200918.A13.1D



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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 C - 2	1575068	ICPMS Reg. Water (A13)	20200918.A13.1E	20200917.A52G
Flushed - S - 1 in rm 203	1575070	ICPMS Reg. Water (A13)	20200918.A13.1E	20200917.A52G
Flushed - S - 5 Rm 118	1575072	ICPMS Reg. Water (A13)	20200918.A13.1D	20200917.A52O
Standing - BF - 1 By C - 2	1575067	ICPMS Reg. Water (A13)	20200918.A13.1E	20200917.A52G
Standing - S - 1 in rm 203	1575069	ICPMS Reg. Water (A13)	20200918.A13.1E	20200917.A52G
Standing - S - 5 Rm 118	1575071	ICPMS Reg. Water (A13)	20200918.A13.1D	20200917.A52O
Standing - S - 5 Rm 118	1575071r	ICPMS Reg. Water (A13)	20200918.A13.1D	20200917.A52O