



CERTIFICATE OF ANALYSIS

Client:	Steve McCulloch	Work Order Number:	442213
Company:	RDSB - Walden Public School	PO #:	
Address:	408 Wembley Drive Sudbury, ON, P3E 1P2	Regulation:	O.Reg. 243/07
Phone/Fax:	(705) 674-3171 / (705) 671-2442	Project #:	
Email:	mcculls@rainbowschools.ca	DWS #:	500039118
		Sampled By:	Steve McCulloch
Date Order Received:	9/13/2021	Analysis Started:	9/20/2021
Arrival Temperature:	6 °C	Analysis Completed:	9/21/2021

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 - FU5	1682344	Water	Plumbing		9/12/2021	7:00 AM
Flushed - FU5	1682345	Water	Plumbing		9/12/2021	7:35 AM
Standing - ST111	1682346	Water	Plumbing		9/12/2021	7:05 AM
Flushed - ST111	1682347	Water	Plumbing		9/12/2021	7:40 AM
Standing - S107	1682348	Water	Plumbing		9/12/2021	7:10 AM
Flushed - S107	1682349	Water	Plumbing		9/12/2021	7:45 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:

Mahesh Patel, B.Sc.
Laboratory Director



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WORK ORDER RESULTS

Sample Description	Standing - FU5		Flushed - FU5		Standing - ST111		Flushed - ST111			
Sample Date	9/12/2021 7:00 AM		9/12/2021 7:35 AM		9/12/2021 7:05 AM		9/12/2021 7:40 AM			
Lab ID	1682344		1682345		1682346		1682347			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	<0.1	0.1	<0.1	0.1	<0.1	0.1	<0.1	0.1	ug/L	10

Sample Description	Standing - S107		Flushed - S107			
Sample Date	9/12/2021 7:10 AM		9/12/2021 7:45 AM			
Lab ID	1682348		1682349			
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	20210920.A13.1B
Lead	0.1	ug/L	0	<0.1	1	20210921.A13.1D
Lead	0.1	ug/L	0	<0.1	1	20210921.A13.1E

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	%	80	95.4	120	20210921.A13.1D
Lead	N/A	%	80	95.6	120	20210920.A13.1B
Lead	N/A	%	80	96.6	120	20210921.A13.1E

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	1	ug/L	2.58	4.06	5.38	20210921.A13.1D
Lead	1	ug/L	2.58	4.08	5.38	20210920.A13.1B
Lead	1	ug/L	2.58	4.11	5.38	20210921.A13.1E

Sample Spike: LFMS-9 (N 100 µg/L) (9)

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	% Rec	70	92	130	20210921.A13.1E
Lead	N/A	% Rec	70	92.9	130	20210921.A13.1D
Lead	N/A	% Rec	70	94.9	130	20210920.A13.1B



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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 - FU5	1682345	ICPMS Reg. Water (A13)	20210920.A13.1B	20210915.A52Y
Flushed - S107	1682349	ICPMS Reg. Water (A13)	20210921.A13.1D	20210917.A52P
Flushed - ST111	1682347	ICPMS Reg. Water (A13)	20210921.A13.1E	20210917.A52Q
Standing - FU5	1682344	ICPMS Reg. Water (A13)	20210920.A13.1B	20210915.A52Y
Standing - S107	1682348	ICPMS Reg. Water (A13)	20210921.A13.1D	20210917.A52P
Standing - ST111	1682346	ICPMS Reg. Water (A13)	20210921.A13.1D	20210917.A52P