



CERTIFICATE OF ANALYSIS

Client:	Steve McCulloch	Work Order Number:	412395
Company:	RDSB - Charles C. McLean 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 #:	500039105
		Sampled By:	Steve McCulloch
Date Order Received:	9/28/2020	Analysis Started:	10/6/2020
Arrival Temperature:	6 °C	Analysis Completed:	10/6/2020

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-FU1	1579933	Water	Plumbing		9/27/2020	8:30 AM
FLUSHED-FU1	1579934	Water	Plumbing		9/27/2020	9:05 AM
STANDING-FU5	1579935	Water	Plumbing		9/27/2020	8:35 AM
FLUSHED-FU5	1579936	Water	Plumbing		9/27/2020	9:10 AM
STANDING-S16	1579937	Water	Plumbing		9/27/2020	8:40 AM
FLUSHED-S16	1579938	Water	Plumbing		9/27/2020	9:15 AM
STANDING-S2B	1579939	Water	Plumbing		9/27/2020	8:45 AM
FLUSHED-S2B	1579940	Water	Plumbing		9/27/2020	9:20 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 - FU1		FLUSHED - FU1		STANDING - FU5		FLUSHED - FU5			
Sample Date	9/27/2020 8:30 AM		9/27/2020 9:05 AM		9/27/2020 8:35 AM		9/27/2020 9:10 AM			
Lab ID	1579933		1579934		1579935		1579936			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	1.7	0.1	1.6	0.1	0.4	0.1	0.3	0.1	ug/L	10
Sample Description	STANDING - S16		FLUSHED - S16		STANDING - S2B		FLUSHED - S2B			
Sample Date	9/27/2020 8:40 AM		9/27/2020 9:15 AM		9/27/2020 8:45 AM		9/27/2020 9:20 AM			
Lab ID	1579937		1579938		1579939		1579940			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	7.0	0.1	1.6	0.1	0.3	0.1	0.2	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	20201006.A13.1D

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	%	80	97.3	120	20201006.A13.1D

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	1	ug/L	2.64	4.13	5.44	20201006.A13.1D

Sample Spike: LFMS-9 (N 100 µg/L) (9)

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	% Rec	70	73.5	130	20201006.A13.1D

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 - FU1	1579934	ICPMS Reg. Water (A13)	20201006.A13.1D	20201002.A52P
FLUSHED - FU5	1579936	ICPMS Reg. Water (A13)	20201006.A13.1D	20201002.A52P
FLUSHED - S16	1579938	ICPMS Reg. Water (A13)	20201006.A13.1D	20201002.A52P
FLUSHED - S2B	1579940	ICPMS Reg. Water (A13)	20201006.A13.1D	20201002.A52P
STANDING - FU1	1579933	ICPMS Reg. Water (A13)	20201006.A13.1D	20201002.A52P
STANDING - FU5	1579935	ICPMS Reg. Water (A13)	20201006.A13.1D	20201002.A52P
STANDING - S16	1579937	ICPMS Reg. Water (A13)	20201006.A13.1D	20201002.A52P
STANDING - S2B	1579939	ICPMS Reg. Water (A13)	20201006.A13.1D	20201002.A52P