



CERTIFICATE OF ANALYSIS

Client:	Steve McCulloch	Work Order Number:	442205
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:	9/13/2021	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 - FU3	1682293	Water	Plumbing		9/11/2021	11:20 AM
Flushed - FU3	1682294	Water	Plumbing		9/11/2021	11:55 AM
Standing - S14	1682295	Water	Plumbing		9/11/2021	11:25 AM
Flushed - S14	1682296	Water	Plumbing		9/11/2021	12:00 PM
Standing - S3	1682297	Water	Plumbing		9/11/2021	11:30 AM
Flushed - S3	1682298	Water	Plumbing		9/11/2021	12:05 PM

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

CERTIFICATE OF ANALYSIS

RDSB - Charles C. McLean Public School

Work Order Number: 442205

This report has been approved by:

Mahesh Patel, B.Sc.
Laboratory Director



CERTIFICATE OF ANALYSIS

RDSB - Charles C. McLean Public School

Work Order Number: 442205

WORK ORDER RESULTS

Sample Description	Standing - FU3		Flushed - FU3		Standing - S14		Flushed - S14			
Sample Date	9/11/2021 11:20 AM		9/11/2021 11:55 AM		9/11/2021 11:25 AM		9/11/2021 12:00 PM			
Lab ID	1682293		1682294		1682295		1682296			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	1.7	0.1	0.6	0.1	3.8	0.1	2.2	0.1	ug/L	10

Sample Description	Standing - S3		Flushed - S3			
Sample Date	9/11/2021 11:30 AM		9/11/2021 12:05 PM			
Lab ID	1682297		1682298			
Metals	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	0.5	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.

Reproduction of Report: Report shall not be reproduced, except in full, without the approval of Testmark Laboratories Ltd.



CERTIFICATE OF ANALYSIS

RDSB - Charles C. McLean Public School

Work Order Number: 442205

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.A13.1G
Lead	0.1	ug/L	0	<0.1	1	20210921.A13.1F

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	%	80	94.3	120	20210920.A13.1G
Lead	N/A	%	80	95.9	120	20210921.A13.1F

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	1	ug/L	2.58	4.02	5.38	20210921.A13.1F
Lead	1	ug/L	2.58	4.06	5.38	20210920.A13.1G

Sample Replicate: % RPD (4)

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	%	0	2.6	20	20210921.A13.1F

Sample Spike: LFMS-9 (N 100 µg/L) (9)

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	% Rec	70	94.1	130	20210920.A13.1G
Lead	N/A	% Rec	70	97.5	130	20210921.A13.1F



CERTIFICATE OF ANALYSIS

RDSB - Charles C. McLean Public School

Work Order Number: 442205

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 - FU3	1682294	ICPMS Reg. Water (A13)	20210920.A13.1G	20210915.A52Z
Flushed - S14	1682296	ICPMS Reg. Water (A13)	20210921.A13.1F	20210917.A52T
Flushed - S3	1682298	ICPMS Reg. Water (A13)	20210920.A13.1G	20210915.A52Z
Standing - FU3	1682293	ICPMS Reg. Water (A13)	20210920.A13.1G	20210915.A52Z
Standing - S14	1682295	ICPMS Reg. Water (A13)	20210921.A13.1F	20210917.A52T
Standing - S3	1682297	ICPMS Reg. Water (A13)	20210920.A13.1G	20210915.A52Z