



CERTIFICATE OF ANALYSIS

Client:	Steve McCulloch	Work Order Number:	412394
Company:	RDSB - Central Manitoulin 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 #:	500039027
		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-F1	1579925	Water	Plumbing		9/27/2020	10:00 AM
FLUSHED-F1	1579926	Water	Plumbing		9/27/2020	10:35 AM
STANDING-FU3	1579927	Water	Plumbing		9/27/2020	10:05 AM
FLUSHED-FU3	1579928	Water	Plumbing		9/27/2020	10:40 AM
STANDING-S12A	1579929	Water	Plumbing		9/27/2020	10:10 AM
FLUSHED-S12A	1579930	Water	Plumbing		9/27/2020	10:45 AM
STANDING-S102A	1579931	Water	Plumbing		9/27/2020	10:15 AM
FLUSHED-S102A	1579932	Water	Plumbing		9/27/2020	10:50 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 - F1		FLUSHED - F1		STANDING - FU3		FLUSHED - FU3			
Sample Date	9/27/2020 10:00 AM		9/27/2020 10:35 AM		9/27/2020 10:05 AM		9/27/2020 10:40 AM			
Lab ID	1579925		1579926		1579927		1579928			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	ug/L	10

Sample Description	STANDING - S12A		FLUSHED - S12A		STANDING - S102A		FLUSHED - S102A			
Sample Date	9/27/2020 10:10 AM		9/27/2020 10:45 AM		9/27/2020 10:15 AM		9/27/2020 10:50 AM			
Lab ID	1579929		1579930		1579931		1579932			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	0.2	0.1	0.1	0.1	0.2	0.1	0.3	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 - F1	1579926	ICPMS Reg. Water (A13)	20201006.A13.1D	20201002.A52P
FLUSHED - FU3	1579928	ICPMS Reg. Water (A13)	20201006.A13.1D	20201002.A52P
FLUSHED - S102A	1579932	ICPMS Reg. Water (A13)	20201006.A13.1D	20201002.A52P
FLUSHED - S12A	1579930	ICPMS Reg. Water (A13)	20201006.A13.1D	20201002.A52P
STANDING - F1	1579925	ICPMS Reg. Water (A13)	20201006.A13.1D	20201002.A52P
STANDING - FU3	1579927	ICPMS Reg. Water (A13)	20201006.A13.1D	20201002.A52P
STANDING - S102A	1579931	ICPMS Reg. Water (A13)	20201006.A13.1D	20201002.A52P
STANDING - S12A	1579929	ICPMS Reg. Water (A13)	20201006.A13.1D	20201002.A52P