



CERTIFICATE OF ANALYSIS

Client:	Steve McCulloch	Work Order Number:	412392
Company:	RDSB - Little Current 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 #:	500045631
		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-F2	1579907	Water	Plumbing		9/27/2020	7:00 AM
FLUSHED-F2	1579908	Water	Plumbing		9/27/2020	7:35 AM
STANDING-F5	1579909	Water	Plumbing		9/27/2020	7:05 AM
FLUSHED-F5	1579910	Water	Plumbing		9/27/2020	7:40 AM
STANDING-S1	1579911	Water	Plumbing		9/27/2020	7:10 AM
FLUSHED-S1	1579912	Water	Plumbing		9/27/2020	7:45 AM
STANDING-S112A	1579913	Water	Plumbing		9/27/2020	7:15 AM
FLUSHED-S112A	1579914	Water	Plumbing		9/27/2020	7:50 AM
STANDING-S217	1579915	Water	Plumbing		9/27/2020	7:20 AM
FLUSHED-S217	1579916	Water	Plumbing		9/27/2020	7:55 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



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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 - F2		FLUSHED - F2		STANDING - F5		FLUSHED - F5			
Sample Date	9/27/2020 7:00 AM		9/27/2020 7:35 AM		9/27/2020 7:05 AM		9/27/2020 7:40 AM			
Lab ID	1579907		1579908		1579909		1579910			
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 - S1		FLUSHED - S1		STANDING - S112A		FLUSHED - S112A			
Sample Date	9/27/2020 7:10 AM		9/27/2020 7:45 AM		9/27/2020 7:15 AM		9/27/2020 7:50 AM			
Lab ID	1579911		1579912		1579913		1579914			
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	0.2	0.1	ug/L	10
Sample Description	STANDING - S217		FLUSHED - S217							
Sample Date	9/27/2020 7:20 AM		9/27/2020 7:55 AM							
Lab ID	1579915		1579916							
Metals	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07				
Lead	0.6	0.1	0.3	0.1	ug/L	10				



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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.A13.1H

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	%	80	95.4	120	20201006.A13.1H

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	1	ug/L	2.64	4.12	5.44	20201006.A13.1H

Sample Spike: LFMS-9 (N 100 µg/L) (9)

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	% Rec	70	95.3	130	20201006.A13.1H

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 - F2	1579908	ICPMS Reg. Water (A13)	20201006.A13.1H	20201002.A520
FLUSHED - F5	1579910	ICPMS Reg. Water (A13)	20201006.A13.1H	20201002.A520
FLUSHED - S1	1579912	ICPMS Reg. Water (A13)	20201006.A13.1H	20201002.A520
FLUSHED - S112A	1579914	ICPMS Reg. Water (A13)	20201006.A13.1H	20201002.A520
FLUSHED - S217	1579916	ICPMS Reg. Water (A13)	20201006.A13.1H	20201002.A520
STANDING - F2	1579907	ICPMS Reg. Water (A13)	20201006.A13.1H	20201002.A520
STANDING - F5	1579909	ICPMS Reg. Water (A13)	20201006.A13.1H	20201002.A520
STANDING - S1	1579911	ICPMS Reg. Water (A13)	20201006.A13.1H	20201002.A520
STANDING - S112A	1579913	ICPMS Reg. Water (A13)	20201006.A13.1H	20201002.A520
STANDING - S217	1579915	ICPMS Reg. Water (A13)	20201006.A13.1H	20201002.A520