



## CERTIFICATE OF ANALYSIS

Client:	Steve McCulloch	Work Order Number:	499884
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:	5/23/2023	Analysis Started:	5/24/2023
Arrival Temperature:	2 °C	Analysis Completed:	5/25/2023

### 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	1882930	Water	Plumbing		5/21/2023	12:05 PM
Flushed-F2	1882931	Water	Plumbing		5/21/2023	12:40 PM
Standing-F5	1882932	Water	Plumbing		5/21/2023	12:10 PM
Flushed-F5	1882933	Water	Plumbing		5/21/2023	12:45 PM
Standing-S1	1882934	Water	Plumbing		5/21/2023	12:15 PM
Flushed-S1	1882935	Water	Plumbing		5/21/2023	12:50 PM
Standing-S112A	1882936	Water	Plumbing		5/21/2023	12:20 PM
Flushed-S112A	1882937	Water	Plumbing		5/21/2023	12:55 PM
Standing-S122	1882938	Water	Plumbing		5/21/2023	12:25 PM
Flushed-S122	1882939	Water	Plumbing		5/21/2023	1:00 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



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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	5/21/2023 12:05 PM		5/21/2023 12:40 PM		5/21/2023 12:10 PM		5/21/2023 12:45 PM			
Lab ID	1882930		1882931		1882932		1882933			
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 - S1		Flushed - S1		Standing - S112A		Flushed - S112A			
Sample Date	5/21/2023 12:15 PM		5/21/2023 12:50 PM		5/21/2023 12:20 PM		5/21/2023 12:55 PM			
Lab ID	1882934		1882935		1882936		1882937			
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 - S122		Flushed - S122							
Sample Date	5/21/2023 12:25 PM		5/21/2023 1:00 PM							
Lab ID	1882938		1882939							
Metals	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07				
Lead	0.2	0.1	<0.1	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.

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

ICPMS Dustfall Insoluble: The ICPMS Dustfall Insoluble Portion method analyzes only the particulate matter from the Dustfall Sampler which is retained on the analysis filter during the Dustfall method.

Regulation Comparisons: Disclaimer: Please note that regulation criteria are provided for comparative purposes, however the onus on ensuring the validity of this comparison rests with the client.



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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	0.3	20230525.A13.11

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	%	85	99	115	20230525.A13.11

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	1	ug/L	2.58	3.94	5.38	20230525.A13.11

##### Sample Spike: LFMS-9 (N 100 µg/L) (9)

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	% Rec	70	96.1	130	20230525.A13.11

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	1882931	ICPMS Reg. Water (A13)	20230525.A13.11	20230524.A52ZK
Flushed - F5	1882933	ICPMS Reg. Water (A13)	20230525.A13.11	20230524.A52ZK
Flushed - S1	1882935	ICPMS Reg. Water (A13)	20230525.A13.11	20230524.A52ZK
Flushed - S112A	1882937	ICPMS Reg. Water (A13)	20230525.A13.11	20230524.A52ZK
Flushed - S122	1882939	ICPMS Reg. Water (A13)	20230525.A13.11	20230524.A52ZK
Standing - F2	1882930	ICPMS Reg. Water (A13)	20230525.A13.11	20230524.A52ZK
Standing - F5	1882932	ICPMS Reg. Water (A13)	20230525.A13.11	20230524.A52ZK
Standing - S1	1882934	ICPMS Reg. Water (A13)	20230525.A13.11	20230524.A52ZK
Standing - S112A	1882936	ICPMS Reg. Water (A13)	20230525.A13.11	20230524.A52ZK
Standing - S122	1882938	ICPMS Reg. Water (A13)	20230525.A13.11	20230524.A52ZK