



## CERTIFICATE OF ANALYSIS

Client:	Steve McCulloch	Work Order Number:	462838
Company:	RDSB - Walden 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 #:	500039118
		Sampled By:	
Date Order Received:	5/16/2022	Analysis Started:	5/19/2022
Arrival Temperature:	9.8 °C	Analysis Completed:	5/19/2022

### 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-FB6	1753916	Water	Plumbing		5/14/2022	6:30 PM
Flushed-FB6	1753917	Water	Plumbing		5/14/2022	7:05 PM
Standing-ST111	1753918	Water	Plumbing		5/14/2022	6:35 PM
Flushed-ST111	1753919	Water	Plumbing		5/14/2022	7:10 PM
Standing-FB4	1753920	Water	Plumbing		5/14/2022	6:40 PM
Flushed-FB4	1753921	Water	Plumbing		5/14/2022	7:15 PM
Standing-FB2	1753922	Water	Plumbing		5/14/2022	6:45 PM
Flushed-FB2	1753923	Water	Plumbing		5/14/2022	7:20 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:

Mahesh Patel, B.Sc.  
Laboratory Director



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### WORK ORDER RESULTS

Sample Description	Standing - FB6		Flushed - FB6		Standing - ST111		Flushed - ST111			
Sample Date	5/14/2022 6:30 PM		5/14/2022 7:05 PM		5/14/2022 6:35 PM		5/14/2022 7:10 PM			
Lab ID	1753916		1753917		1753918		1753919			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	0.4	0.1	7.1	0.1	0.6	0.1	6.5	0.1	ug/L	10
Sample Description	Standing - FB4		Flushed - FB4		Standing - FB2		Flushed - FB2			
Sample Date	5/14/2022 6:40 PM		5/14/2022 7:15 PM		5/14/2022 6:45 PM		5/14/2022 7:20 PM			
Lab ID	1753920		1753921		1753922		1753923			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	0.5	0.1	7.8	0.1	0.6	0.1	6.2 [6.0]	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.

[ ]: Results for laboratory replicates are shown in square brackets immediately below the associated sample result for ease of comparison.

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.



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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	20220519.A13.1E

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	%	80	99.7	120	20220519.A13.1E

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	1	ug/L	2.58	4.08	5.38	20220519.A13.1E

##### Sample Replicate: % RPD (4)

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	%	0	3.3	20	20220519.A13.1E

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	% Rec	70	96.4	130	20220519.A13.1E



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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 - FB2	1753923	ICPMS Reg. Water (A13)	20220519.A13.1E	20220518.A52G
Flushed - FB2	1753923r	ICPMS Reg. Water (A13)	20220519.A13.1E	20220518.A52G
Flushed - FB4	1753921	ICPMS Reg. Water (A13)	20220519.A13.1E	20220518.A52G
Flushed - FB6	1753917	ICPMS Reg. Water (A13)	20220519.A13.1E	20220518.A52G
Flushed - ST111	1753919	ICPMS Reg. Water (A13)	20220519.A13.1E	20220518.A52G
Standing - FB2	1753922	ICPMS Reg. Water (A13)	20220519.A13.1E	20220518.A52G
Standing - FB4	1753920	ICPMS Reg. Water (A13)	20220519.A13.1E	20220518.A52G
Standing - FB6	1753916	ICPMS Reg. Water (A13)	20220519.A13.1E	20220518.A52G
Standing - ST111	1753918	ICPMS Reg. Water (A13)	20220519.A13.1E	20220518.A52G