



## CERTIFICATE OF ANALYSIS

Client:	Alain Venne	Work Order Number:	462575
Company:	RDSB - Copper Cliff Public School	PO #:	
Address:	408 Wembley Drive Sudbury, ON, P3E 1P2	Regulation:	O.Reg. 243/07
Phone/Fax:	(705) 919-3531 / (705) 671-2442	Project #:	
Email:	vennea@rainbowschools.ca	DWS #:	500045852
		Sampled By:	
Date Order Received:	5/12/2022	Analysis Started:	5/17/2022
Arrival Temperature:	8 °C	Analysis Completed:	5/17/2022

### 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-S1 room 102	1753004	Water	Plumbing		5/11/2022	6:35 AM
Flushed-S1 room 102	1753005	Water	Plumbing		5/11/2022	7:10 AM
Standing-S6 room 216	1753006	Water	Plumbing		5/11/2022	6:30 AM
Flushed-S6 room 216	1753007	Water	Plumbing		5/11/2022	7:05 AM
Standing-BF3 by room 217	1753008	Water	Plumbing		5/11/2022	6:30 AM
Flushed-BF3 by room 217	1753009	Water	Plumbing		5/11/2022	7:05 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:

Mahesh Patel, B.Sc.  
Laboratory Director



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### WORK ORDER RESULTS

Sample Description	Standing - S1 room 102		Flushed - S1 room 102		Standing - S6 room 216		Flushed - S6 room 216			
Sample Date	5/11/2022 6:35 AM		5/11/2022 7:10 AM		5/11/2022 6:30 AM		5/11/2022 7:05 AM			
Lab ID	1753004		1753005		1753006		1753007			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	0.8	0.1	1.3	0.1	4.9	0.1	1.5 [1.5]	0.1	ug/L	10

  

Sample Description	Standing - BF3 by room 217		Flushed - BF3 by room 217			
Sample Date	5/11/2022 6:30 AM		5/11/2022 7:05 AM			
Lab ID	1753008		1753009			
Metals	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	0.3	0.1	0.2	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.

[ ]: 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	20220517.A13.1B
Lead	0.1	ug/L	0	<0.1	1	20220517.A13.1C

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	%	80	101	120	20220517.A13.1B
Lead	N/A	%	80	83.7	120	20220517.A13.1C

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	1	ug/L	2.58	4.2	5.38	20220517.A13.1C
Lead	1	ug/L	2.58	4.21	5.38	20220517.A13.1B

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	%	0	0	20	20220517.A13.1B
Lead	N/A	%	0	0	20	20220517.A13.1C

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	% Rec	70	84.3	130	20220517.A13.1B
Lead	N/A	% Rec	70	96.6	130	20220517.A13.1C



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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 - BF3 by room 217	1753009	ICPMS Reg. Water (A13)	20220517.A13.1C	20220516.A52L
Flushed - S1 room 102	1753005	ICPMS Reg. Water (A13)	20220517.A13.1B	20220516.A52K
Flushed - S6 room 216	1753007	ICPMS Reg. Water (A13)	20220517.A13.1B	20220516.A52K
Flushed - S6 room 216	1753007r	ICPMS Reg. Water (A13)	20220517.A13.1B	20220516.A52K
Standing - BF3 by room 217	1753008	ICPMS Reg. Water (A13)	20220517.A13.1C	20220516.A52L
Standing - S1 room 102	1753004	ICPMS Reg. Water (A13)	20220517.A13.1B	20220516.A52K
Standing - S6 room 216	1753006	ICPMS Reg. Water (A13)	20220517.A13.1B	20220516.A52K