



## CERTIFICATE OF ANALYSIS

Client:	Alain Venne	Work Order Number:	462571
Company:	RDSB - Algonquin Rd. 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 #:	500044435
		Sampled By:	Joe M
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 9	1752985	Water	Plumbing		5/11/2022	6:30 AM
Flushed-S1 room 9	1752986	Water	Plumbing		5/11/2022	7:05 AM
Standing-S2 room 10	1752987	Water	Plumbing		5/11/2022	6:30 AM
Flushed-S2 room 10	1752988	Water	Plumbing		5/11/2022	7:05 AM
Standing-S3 room 11	1752989	Water	Plumbing		5/11/2022	6:35 AM
Flushed-S3 room 11	1752990	Water	Plumbing		5/11/2022	7:10 AM
Standing-S5 Room 21	1752991	Water	Plumbing		5/11/2022	6:30 AM
Flushed-S5 Room 21	1752992	Water	Plumbing		5/11/2022	7:05 AM
Standing-S6 Room 22	1752993	Water	Plumbing		5/11/2022	6:35 AM
Flushed-S6 Room 22	1752994	Water	Plumbing		5/11/2022	7:10 AM
Standing-S4 Room 20	1752995	Water	Plumbing		5/11/2022	6:35 AM
Flushed-S4 Room 20	1752996	Water	Plumbing		5/11/2022	7:10 AM

### METHODS AND INSTRUMENTATION

THE FOLLOWING METHODS WERE USED FOR YOUR SAMPLE(S):



**TESTMARK Laboratories Ltd.**

*Committed to Quality and Service*

## CERTIFICATE OF ANALYSIS

RDSB - Algonquin Rd. Public School

Work Order Number: 462571

Method	Lab	Description	Reference
ICPMS Reg. Water (A13)	Garson	Determination of Metals in Water by ICP/MS	Modified from SW846-6020A

This report has been approved by:

Mahesh Patel, B.Sc.  
Laboratory Director



**CERTIFICATE OF ANALYSIS**

RDSB - Algonquin Rd. Public School

Work Order Number: 462571

**WORK ORDER RESULTS**

Sample Description	Standing - S1 room 9		Flushed - S1 room 9		Standing - S2 room 10		Flushed - S2 room 10			
Sample Date	5/11/2022 6:30 AM		5/11/2022 7:05 AM		5/11/2022 6:30 AM		5/11/2022 7:05 AM			
Lab ID	1752985		1752986		1752987		1752988			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	0.4	0.1	0.1	0.1	0.4	0.1	0.2	0.1	ug/L	10
Sample Description	Standing - S3 room 11		Flushed - S3 room 11		Standing - S5 Room 21		Flushed - S5 Room 21			
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	1752989		1752990		1752991		1752992			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	0.2	0.1	<0.1	0.1	0.9	0.1	0.2	0.1	ug/L	10
Sample Description	Standing - S6 Room 22		Flushed - S6 Room 22		Standing - S4 Room 20		Flushed - S4 Room 20			
Sample Date	5/11/2022 6:35 AM		5/11/2022 7:10 AM		5/11/2022 6:35 AM		5/11/2022 7:10 AM			
Lab ID	1752993		1752994		1752995		1752996			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	0.3	0.1	0.1	0.1	0.3	0.1	0.1	0.1	ug/L	10



**TESTMARK Laboratories Ltd.**

*Committed to Quality and Service*

## CERTIFICATE OF ANALYSIS

RDSB - Algonquin Rd. Public School

Work Order Number: 462571

### 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.



## CERTIFICATE OF ANALYSIS

RDSB - Algonquin Rd. Public School

Work Order Number: 462571

### 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

##### 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

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
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

##### 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



## CERTIFICATE OF ANALYSIS

RDSB - Algonquin Rd. Public School

Work Order Number: 462571

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 - S1 room 9	1752986	ICPMS Reg. Water (A13)	20220517.A13.1B	20220516.A52K
Flushed - S2 room 10	1752988	ICPMS Reg. Water (A13)	20220517.A13.1B	20220516.A52K
Flushed - S3 room 11	1752990	ICPMS Reg. Water (A13)	20220517.A13.1B	20220516.A52K
Flushed - S4 Room 20	1752996	ICPMS Reg. Water (A13)	20220517.A13.1B	20220516.A52K
Flushed - S5 Room 21	1752992	ICPMS Reg. Water (A13)	20220517.A13.1B	20220516.A52K
Flushed - S6 Room 22	1752994	ICPMS Reg. Water (A13)	20220517.A13.1B	20220516.A52K
Standing - S1 room 9	1752985	ICPMS Reg. Water (A13)	20220517.A13.1B	20220516.A52K
Standing - S2 room 10	1752987	ICPMS Reg. Water (A13)	20220517.A13.1B	20220516.A52K
Standing - S3 room 11	1752989	ICPMS Reg. Water (A13)	20220517.A13.1B	20220516.A52K
Standing - S4 Room 20	1752995	ICPMS Reg. Water (A13)	20220517.A13.1B	20220516.A52K
Standing - S5 Room 21	1752991	ICPMS Reg. Water (A13)	20220517.A13.1B	20220516.A52K
Standing - S6 Room 22	1752993	ICPMS Reg. Water (A13)	20220517.A13.1B	20220516.A52K