



TESTMARK Laboratories Ltd.

Committed to Quality and Service

CERTIFICATE OF ANALYSIS

Client:	Alain Venne	Work Order Number:	462583
Company:	RDSB - Sudbury Secondary 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 #:	500045930
		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-F4 by room 217	1753024	Water	Plumbing		5/12/2022	6:30 AM
Flushed-F4 by room 217	1753025	Water	Plumbing		5/12/2022	7:05 AM
Standing-F5 by room 241	1753026	Water	Plumbing		5/12/2022	6:35 AM
Flushed-F5 by room 241	1753027	Water	Plumbing		5/12/2022	7:10 AM
Standing-F6 by room 307	1753028	Water	Plumbing		5/12/2022	6:30 AM
Flushed-F6 by room 307	1753029	Water	Plumbing		5/12/2022	7:05 AM
Standing-S7 room 016	1753030	Water	Plumbing		5/12/2022	6:30 AM
Flushed-S7 room 016	1753031	Water	Plumbing		5/12/2022	7:05 AM
Standing-F7 by room 318	1753032	Water	Plumbing		5/12/2022	6:35 AM
Flushed-F7 by room 318	1753033	Water	Plumbing		5/12/2022	7:10 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



TESTMARK Laboratories Ltd.

Committed to Quality and Service

CERTIFICATE OF ANALYSIS

RDSB - Sudbury Secondary School

Work Order Number: 462583

This report has been approved by:

Mahesh Patel, B.Sc.
Laboratory Director



CERTIFICATE OF ANALYSIS

RDSB - Sudbury Secondary School

Work Order Number: 462583

WORK ORDER RESULTS

Sample Description	Standing - F4 by room 217		Flushed - F4 by room 217		Standing - F5 by room 241		Flushed - F5 by room 241			
Sample Date	5/12/2022 6:30 AM		5/12/2022 7:05 AM		5/12/2022 6:35 AM		5/12/2022 7:10 AM			
Lab ID	1753024		1753025		1753026		1753027			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	1.3	0.1	0.7	0.1	0.9	0.1	0.3	0.1	ug/L	10
Sample Description	Standing - F6 by room 307		Flushed - F6 by room 307		Standing - S7 room 016		Flushed - S7 room 016			
Sample Date	5/12/2022 6:30 AM		5/12/2022 7:05 AM		5/12/2022 6:30 AM		5/12/2022 7:05 AM			
Lab ID	1753028		1753029		1753030		1753031			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	1.4	0.1	1.3 [1.3]	0.1	<0.1 [<0.1]	0.1	<0.1	0.1	ug/L	10
Sample Description	Standing - F7 by room 318		Flushed - F7 by room 318							
Sample Date	5/12/2022 6:35 AM		5/12/2022 7:10 AM							
Lab ID	1753032		1753033							
Metals	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07				
Lead	<0.1	0.1	<0.1	0.1	ug/L	10				



TESTMARK Laboratories Ltd.

Committed to Quality and Service

CERTIFICATE OF ANALYSIS

RDSB - Sudbury Secondary School

Work Order Number: 462583

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.



CERTIFICATE OF ANALYSIS

RDSB - Sudbury Secondary School

Work Order Number: 462583

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.A13.1C
Lead	0.1	ug/L	0	<0.1	1	20220517.A13.1D

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	%	80	102	120	20220517.A13.1D
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	4.09	5.38	20220517.A13.1D
Lead	1	ug/L	2.58	4.2	5.38	20220517.A13.1C

Sample Replicate: % RPD (4)

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
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	95.3	130	20220517.A13.1D
Lead	N/A	% Rec	70	96.6	130	20220517.A13.1C



CERTIFICATE OF ANALYSIS

RDSB - Sudbury Secondary School

Work Order Number: 462583

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 - F4 by room 217	1753025	ICPMS Reg. Water (A13)	20220517.A13.1C	20220516.A52L
Flushed - F5 by room 241	1753027	ICPMS Reg. Water (A13)	20220517.A13.1C	20220516.A52L
Flushed - F6 by room 307	1753029	ICPMS Reg. Water (A13)	20220517.A13.1C	20220516.A52L
Flushed - F6 by room 307	1753029r	ICPMS Reg. Water (A13)	20220517.A13.1C	20220516.A52L
Flushed - F7 by room 318	1753033	ICPMS Reg. Water (A13)	20220517.A13.1D	20220516.A52M
Flushed - S7 room 016	1753031	ICPMS Reg. Water (A13)	20220517.A13.1D	20220516.A52M
Standing - F4 by room 217	1753024	ICPMS Reg. Water (A13)	20220517.A13.1C	20220516.A52L
Standing - F5 by room 241	1753026	ICPMS Reg. Water (A13)	20220517.A13.1C	20220516.A52L
Standing - F6 by room 307	1753028	ICPMS Reg. Water (A13)	20220517.A13.1C	20220516.A52L
Standing - F7 by room 318	1753032	ICPMS Reg. Water (A13)	20220517.A13.1D	20220516.A52M
Standing - S7 room 016	1753030	ICPMS Reg. Water (A13)	20220517.A13.1D	20220516.A52M
Standing - S7 room 016	1753030r	ICPMS Reg. Water (A13)	20220517.A13.1D	20220516.A52M