



CERTIFICATE OF ANALYSIS

Client: Alain Venne
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Work Order Number: 477633
PO #:
Regulation: O.Reg. 243/07
Project #:
DWS #: 500045930
Sampled By: Alain Venne

Date Order Received: 9/22/2022
Arrival Temperature: 12.7 °C

Analysis Started: 9/30/2022
Analysis Completed: 9/30/2022

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 Left Room 222	1802758	Water	Plumbing		9/22/2022	6:35 AM
Flushed-S1 Left Room 222	1802759	Water	Plumbing		9/22/2022	7:10 AM
Standing-S2 Right Room 222	1802760	Water	Plumbing		9/22/2022	6:35 AM
Flushed-S2 Right Room 222	1802761	Water	Plumbing		9/22/2022	7:10 AM
Standing-S3 room 014	1802762	Water	Plumbing		9/19/2022	6:30 AM
Flushed-S3 room 014	1802763	Water	Plumbing		9/19/2022	7:05 AM
Standing-S4 room 014	1802764	Water	Plumbing		9/19/2022	6:35 AM
Flushed-S4 room 014	1802765	Water	Plumbing		9/19/2022	7:10 AM
Standing-S5 room 014	1802766	Water	Plumbing		9/19/2022	6:35 AM
Flushed-S5 room 014	1802767	Water	Plumbing		9/19/2022	7:10 AM
Standing-S6 room 014	1802768	Water	Plumbing		9/19/2022	6:30 AM
Flushed-S6 room 014	1802769	Water	Plumbing		9/19/2022	7:05 AM

METHODS AND INSTRUMENTATION

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



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CERTIFICATE OF ANALYSIS

RDSB - Sudbury Secondary School

Work Order Number: 477633

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 - Sudbury Secondary School

Work Order Number: 477633

WORK ORDER RESULTS

Sample Description	Standing - S1 Left Room 222		Flushed - S1 Left Room 222		Standing - S2 Right Room 222		Flushed - S2 Right Room 222			
Sample Date	9/22/2022 6:35 AM		9/22/2022 7:10 AM		9/22/2022 6:35 AM		9/22/2022 7:10 AM			
Lab ID	1802758		1802759		1802760		1802761			
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
Sample Description	Standing - S3 room 014		Flushed - S3 room 014		Standing - S4 room 014		Flushed - S4 room 014			
Sample Date	9/19/2022 6:30 AM		9/19/2022 7:05 AM		9/19/2022 6:35 AM		9/19/2022 7:10 AM			
Lab ID	1802762		1802763		1802764		1802765			
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 - S5 room 014		Flushed - S5 room 014		Standing - S6 room 014		Flushed - S6 room 014			
Sample Date	9/19/2022 6:35 AM		9/19/2022 7:10 AM		9/19/2022 6:30 AM		9/19/2022 7:05 AM			
Lab ID	1802766		1802767		1802768		1802769			
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]	0.1	ug/L	10



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RDSB - Sudbury Secondary School

Work Order Number: 477633

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.

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.



CERTIFICATE OF ANALYSIS

RDSB - Sudbury Secondary School

Work Order Number: 477633

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	20220930.A13.1B

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	%	85	99	115	20220930.A13.1B

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	1	ug/L	2.58	4	5.38	20220930.A13.1B

Sample Spike: LFMS-9 (N 100 µg/L) (9)

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	% Rec	70	96.1	130	20220930.A13.1B



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RDSB - Sudbury Secondary School

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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 - S1 Left Room 222	1802759	ICPMS Reg. Water (A13)	20220930.A13.1B	20220928.A52R
Flushed - S2 Right Room 222	1802761	ICPMS Reg. Water (A13)	20220930.A13.1B	20220928.A52R
Flushed - S3 room 014	1802763	ICPMS Reg. Water (A13)	20220930.A13.1B	20220928.A52R
Flushed - S4 room 014	1802765	ICPMS Reg. Water (A13)	20220930.A13.1B	20220928.A52R
Flushed - S5 room 014	1802767	ICPMS Reg. Water (A13)	20220930.A13.1B	20220928.A52R
Flushed - S6 room 014	1802769	ICPMS Reg. Water (A13)	20220930.A13.1B	20220928.A52R
Flushed - S6 room 014	1802769r	ICPMS Reg. Water (A13)	20220930.A13.1B	20220928.A52R
Standing - S1 Left Room 222	1802758	ICPMS Reg. Water (A13)	20220930.A13.1B	20220928.A52R
Standing - S2 Right Room 222	1802760	ICPMS Reg. Water (A13)	20220930.A13.1B	20220928.A52R
Standing - S3 room 014	1802762	ICPMS Reg. Water (A13)	20220930.A13.1B	20220928.A52R
Standing - S4 room 014	1802764	ICPMS Reg. Water (A13)	20220930.A13.1B	20220928.A52R
Standing - S5 room 014	1802766	ICPMS Reg. Water (A13)	20220930.A13.1B	20220928.A52R
Standing - S6 room 014	1802768	ICPMS Reg. Water (A13)	20220930.A13.1B	20220928.A52R