



CERTIFICATE OF ANALYSIS

Client: Alain Venne
Company: RDSB - Queen Elizabeth II Public School
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Work Order Number: 477642
PO #:
Regulation: O.Reg. 243/07
Project #:
DWS #: 500045969
Sampled By: Bert A

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

Analysis Started: 9/29/2022
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-BF 02 by Room 104	1802800	Water	Plumbing	SAMPLE CONTAINED RESULT EXCEEDENCES.	9/22/2022	6:30 AM
Flushed-BF 02 by Room 104	1802801	Water	Plumbing		9/22/2022	7:05 AM
Standing-S 1 room 114	1802802	Water	Plumbing		9/22/2022	6:35 AM
Flushed-S 1 room 114	1802803	Water	Plumbing		9/22/2022	7:10 AM
Standing-S4 Room 116	1802804	Water	Plumbing		9/22/2022	6:35 AM
Flushed-S4 Room 116	1802805	Water	Plumbing		9/22/2022	7:10 AM
Standing-BF 1 by Gym	1802806	Water	Plumbing		9/22/2022	6:35 AM
Flushed-BF 1 by Gym	1802807	Water	Plumbing		9/22/2022	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

REPORT COMMENTS

Lead exceedance reported for sample 1802800. 093022 MLS



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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 - BF 02 by Room 104		Flushed - BF 02 by Room 104		Standing - S 1 room 114		Flushed - S 1 room 114			
Sample Date	9/22/2022 6:30 AM		9/22/2022 7:05 AM		9/22/2022 6:35 AM		9/22/2022 7:10 AM			
Lab ID	1802800		1802801		1802802		1802803			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	11.1	0.1	0.7	0.1	0.2	0.1	<0.1	0.1	ug/L	10
Sample Description	Standing - S4 Room 116		Flushed - S4 Room 116		Standing - BF 1 by Gym		Flushed - BF 1 by Gym			
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	1802804		1802805		1802806		1802807			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	0.3	0.1	<0.1	0.1	<0.1 [<0.1]	0.1	<0.1	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.

Exceedences: HIGHLIGHTED CELLS INDICATE THAT THE RESULT EXCEEDS A REGULATORY LIMIT. CALCULATED UNCERTAINTY ESTIMATIONS ARE NOT APPLIED FOR DETERMINING SAMPLE EXCEEDANCES.

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.



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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	0.3	20220929.A13.1B
Lead	0.1	ug/L	0	<0.1	0.3	20220930.A13.1C

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	%	85	96.3	115	20220930.A13.1C
Lead	N/A	%	85	99.2	115	20220929.A13.1B

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	1	ug/L	2.58	3.99	5.38	20220930.A13.1C
Lead	1	ug/L	2.58	4.1	5.38	20220929.A13.1B

Sample Spike: LFMS-9 (N 100 µg/L) (9)

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	% Rec	70	94.9	130	20220929.A13.1B
Lead	N/A	% Rec	70	98.9	130	20220930.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 - BF 02 by Room 104	1802801	ICPMS Reg. Water (A13)	20220930.A13.1C	20220928.A52S
Flushed - BF 1 by Gym	1802807	ICPMS Reg. Water (A13)	20220929.A13.1B	20220927.A52ZL
Flushed - S 1 room 114	1802803	ICPMS Reg. Water (A13)	20220930.A13.1C	20220928.A52S
Flushed - S4 Room 116	1802805	ICPMS Reg. Water (A13)	20220930.A13.1C	20220928.A52S
Standing - BF 02 by Room 104	1802800	ICPMS Reg. Water (A13)	20220930.A13.1C	20220928.A52S
Standing - BF 1 by Gym	1802806	ICPMS Reg. Water (A13)	20220930.A13.1C	20220928.A52S
Standing - BF 1 by Gym	1802806r	ICPMS Reg. Water (A13)	20220930.A13.1C	20220928.A52S
Standing - S 1 room 114	1802802	ICPMS Reg. Water (A13)	20220930.A13.1C	20220928.A52S
Standing - S4 Room 116	1802804	ICPMS Reg. Water (A13)	20220930.A13.1C	20220928.A52S