



**TESTMARK Laboratories Ltd.**

Committed to Quality and Service

## CERTIFICATE OF ANALYSIS

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Company: RDSB - Queen Elizabeth II Public School  
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Work Order Number: 463520  
PO #:   
Regulation: O.Reg. 243/07  
Project #:   
DWS #: 500045969  
Sampled By: Bert A

Date Order Received: 5/20/2022  
Arrival Temperature: 16.8 °C

Analysis Started: 5/26/2022  
Analysis Completed: 5/26/2022

### 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- S2 Room122	1756215	Water	Plumbing		5/19/2022	6:35 AM
Flushed- S2 Room122	1756216	Water	Plumbing		5/19/2022	7:10 AM
Standing- BF01 by Gym	1756217	Water	Plumbing		5/19/2022	6:30 AM
Flushed- BF01 by Gym	1756218	Water	Plumbing		5/19/2022	7:05 AM
Standing- BF 2 by Room 104	1756219	Water	Plumbing		5/19/2022	6:30 AM
Flushed- BF 2 by Room 104	1756220	Water	Plumbing		5/19/2022	7:05 AM
Standing- S3 Room 117	1756221	Water	Plumbing		5/19/2022	6:35 AM
Flushed- S3 Room 117	1756222	Water	Plumbing		5/19/2022	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



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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 - S2 Room122		Flushed - S2 Room122		Standing - BF01 by Gym		Flushed - BF01 by Gym			
Sample Date	5/19/2022 6:35 AM		5/19/2022 7:10 AM		5/19/2022 6:30 AM		5/19/2022 7:05 AM			
Lab ID	1756215		1756216		1756217		1756218			
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 - BF 2 by Room 104		Flushed - BF 2 by Room 104		Standing - S3 Room 117		Flushed - S3 Room 117			
Sample Date	5/19/2022 6:30 AM		5/19/2022 7:05 AM		5/19/2022 6:35 AM		5/19/2022 7:10 AM			
Lab ID	1756219		1756220		1756221		1756222			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	5.4	0.1	2.1	0.1	3.5	0.1	2.6 [2.6]	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	20220526.A13.1C

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	%	80	99.1	120	20220526.A13.1C

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	1	ug/L	2.58	4	5.38	20220526.A13.1C

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	%	0	0	20	20220526.A13.1C

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	% Rec	70	100	130	20220526.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 2 by Room 104	1756220	ICPMS Reg. Water (A13)	20220526.A13.1C	20220525.A52Z
Flushed - BF01 by Gym	1756218	ICPMS Reg. Water (A13)	20220526.A13.1C	20220525.A52Z
Flushed - S2 Room122	1756216	ICPMS Reg. Water (A13)	20220526.A13.1C	20220525.A52Z
Flushed - S3 Room 117	1756222	ICPMS Reg. Water (A13)	20220526.A13.1C	20220525.A52Z
Flushed - S3 Room 117	1756222r	ICPMS Reg. Water (A13)	20220526.A13.1C	20220525.A52Z
Standing - BF 2 by Room 104	1756219	ICPMS Reg. Water (A13)	20220526.A13.1C	20220525.A52Z
Standing - BF01 by Gym	1756217	ICPMS Reg. Water (A13)	20220526.A13.1C	20220525.A52Z
Standing - S2 Room122	1756215	ICPMS Reg. Water (A13)	20220526.A13.1C	20220525.A52Z
Standing - S3 Room 117	1756221	ICPMS Reg. Water (A13)	20220526.A13.1C	20220525.A52Z