

**TESTMARK Laboratories Ltd.***Committed to Quality and Service*

## CERTIFICATE OF ANALYSIS

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Company: RDSB - Lo-Ellen Park Secondary School  
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Work Order Number: 550546  
PO #:   
Regulation: O.Reg. 243/07  
Project #:   
DWS #: 500040379  
Sampled By: Kass

Date Order Received: 9/18/2024  
Arrival Temperature: 8.5 C

Analysis Started: 9/20/2024  
Analysis Completed: 9/23/2024

## 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 03 INTER GYM	2057164	Water	Plumbing		9/17/2024	6:30 AM
FLUSHED-BF 03 INTER GYM	2057165	Water	Plumbing		9/17/2024	7:05 AM
STANDING-BF 5 BY ROOM 240	2057166	Water	Plumbing		9/17/2024	6:35 AM
FLUSHED-BF 5 BY ROOM 240	2057167	Water	Plumbing		9/17/2024	7:10 AM
STANDING-BF 6 BY ROOM 233	2057168	Water	Plumbing		9/17/2024	6:35 AM
FLUSHED-BF 6 BY ROOM 233	2057169	Water	Plumbing		9/17/2024	7:10 AM
STANDING-BF 7 BY ROOM 205A	2057170	Water	Plumbing		9/18/2024	6:30 AM
FLUSHED-BF 7 BY ROOM 205A	2057171	Water	Plumbing		9/18/2024	7:05 AM
STANDING-S4 ROOM 222	2057172	Water	Plumbing		9/18/2024	6:35 AM
FLUSHED-S4 ROOM 222	2057173	Water	Plumbing		9/18/2024	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:

Brad Halvorson, B.Sc.

Laboratory Director

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**WORK ORDER RESULTS**

Sample Description	STANDING - BF 03 INTER GYM		FLUSHED - BF 03 INTER GYM		STANDING - BF 5 BY ROOM 240		FLUSHED - BF 5 BY ROOM 240		Units	Criteria: O.Reg. 243/07
Sample Date	9/17/2024 6:30 AM		9/17/2024 7:05 AM		9/17/2024 6:35 AM		9/17/2024 7:10 AM			
Lab ID	2057164		2057165		2057166		2057167			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL		
Lead	<0.1	0.1	<0.1	0.1	<0.1	0.1	<0.1	0.1	ug/L	10

Sample Description	STANDING - BF 6 BY ROOM 233		FLUSHED - BF 6 BY ROOM 233		STANDING - BF 7 BY ROOM 205A		FLUSHED - BF 7 BY ROOM 205A		Units	Criteria: O.Reg. 243/07
Sample Date	9/17/2024 6:35 AM		9/17/2024 7:10 AM		9/18/2024 6:30 AM		9/18/2024 7:05 AM			
Lab ID	2057168		2057169		2057170		2057171			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL		
Lead	<0.1	0.1	0.1	0.1	<0.1	0.1	<0.1	0.1	ug/L	10

Sample Description	STANDING - S4 ROOM 222		FLUSHED - S4 ROOM 222		Units	Criteria: O.Reg. 243/07		
Sample Date	9/18/2024 6:35 AM		9/18/2024 7:10 AM					
Lab ID	2057172		2057173					
Metals	Result	MDL	Result	MDL				
Lead	0.2	0.1	0.2	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.

Organic Soil Analysis: Data reported for organic analysis in soils samples are corrected for moisture content.

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.

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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	20240923.A13.1G

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	%	85	93.1	115	20240923.A13.1G

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	1	ug/L	2.58	3.94	5.38	20240923.A13.1G

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	% Rec	70	99.9	130	20240923.A13.1G

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 03 INTER GYM	2057165	ICPMS Reg. Water (A13)	20240923.A13.1G	20240920.A520
FLUSHED - BF 5 BY ROOM 240	2057167	ICPMS Reg. Water (A13)	20240923.A13.1G	20240920.A520
FLUSHED - BF 6 BY ROOM 233	2057169	ICPMS Reg. Water (A13)	20240923.A13.1G	20240920.A520
FLUSHED - BF 7 BY ROOM 205A	2057171	ICPMS Reg. Water (A13)	20240923.A13.1G	20240920.A520
FLUSHED - S4 ROOM 222	2057173	ICPMS Reg. Water (A13)	20240923.A13.1G	20240920.A520
STANDING - BF 03 INTER GYM	2057164	ICPMS Reg. Water (A13)	20240923.A13.1G	20240920.A520
STANDING - BF 5 BY ROOM 240	2057166	ICPMS Reg. Water (A13)	20240923.A13.1G	20240920.A520
STANDING - BF 6 BY ROOM 233	2057168	ICPMS Reg. Water (A13)	20240923.A13.1G	20240920.A520
STANDING - BF 7 BY ROOM 205A	2057170	ICPMS Reg. Water (A13)	20240923.A13.1G	20240920.A520
STANDING - S4 ROOM 222	2057172	ICPMS Reg. Water (A13)	20240923.A13.1G	20240920.A520