

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

CERTIFICATE OF ANALYSIS

Client: Carol Koziar
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Work Order Number: 551603
PO #:
Regulation: O.Reg. 243/07
Project #:
DWS #: 500045995
Sampled By: Carol Koziar

Date Order Received: 9/27/2024
Arrival Temperature: 12.8 C

Analysis Started: 10/3/2024
Analysis Completed: 10/4/2024

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 04 by rm 229	2060872	Water	Plumbing		9/27/2024	6:30 AM
Flushed- BF 04 by rm 229	2060873	Water	Plumbing		9/27/2024	7:05 AM
Standing- BF 05 Field house	2060874	Water	Plumbing		9/27/2024	6:35 AM
Flushed- BF 05 Field house	2060875	Water	Plumbing		9/27/2024	7:10 AM
Standing- BF 2 by rm 104	2060876	Water	Plumbing		9/27/2024	6:40 AM
Flushed- BF 2 by rm 104	2060877	Water	Plumbing		9/27/2024	7:15 AM
Standing- BF 7 by gym bsmt	2060878	Water	Plumbing		9/27/2024	6:45 AM
Flushed- BF 7 by gym bsmt	2060879	Water	Plumbing		9/27/2024	7:20 AM
Standing- BF 8 by rm 240	2060880	Water	Plumbing		9/27/2024	6:50 AM
Flushed- BF 8 by rm 240	2060881	Water	Plumbing		9/27/2024	7:25 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:

Adam Tam, M.Sc.
Director of Operations**WORK ORDER RESULTS**

Sample Description	Standing - BF 04 by rm 229		Flushed - BF 04 by rm 229		Standing - BF 05 Field house		Flushed - BF 05 Field house		Units	Criteria: O.Reg. 243/07
Sample Date	9/27/2024 6:30 AM		9/27/2024 7:05 AM		9/27/2024 6:35 AM		9/27/2024 7:10 AM			
Lab ID	2060872		2060873		2060874		2060875			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL		
Lead	0.4	0.1	<0.1	0.1	<0.1	0.1	<0.1	0.1	ug/L	10

Sample Description	Standing - BF 2 by rm 104		Flushed - BF 2 by rm 104		Standing - BF 7 by gym bsmt		Flushed - BF 7 by gym bsmt		Units	Criteria: O.Reg. 243/07
Sample Date	9/27/2024 6:40 AM		9/27/2024 7:15 AM		9/27/2024 6:45 AM		9/27/2024 7:20 AM			
Lab ID	2060876		2060877		2060878		2060879			
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 8 by rm 240		Flushed - BF 8 by rm 240		Units	Criteria: O.Reg. 243/07		
Sample Date	9/27/2024 6:50 AM		9/27/2024 7:25 AM					
Lab ID	2060880		2060881					
Metals	Result	MDL	Result	MDL				
Lead	<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.

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	20241004.A13.1G

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	%	85	102	115	20241004.A13.1G

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	1	ug/L	2.58	3.9	5.38	20241004.A13.1G

Sample Spike: LFMS-9 (N 100 µg/L) (9)

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	% Rec	70	98.3	130	20241004.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 04 by rm 229	2060873	ICPMS Reg. Water (A13)	20241004.A13.1G	20241002.A52N
Flushed - BF 05 Field house	2060875	ICPMS Reg. Water (A13)	20241004.A13.1G	20241002.A52N
Flushed - BF 2 by rm 104	2060877	ICPMS Reg. Water (A13)	20241004.A13.1G	20241002.A52N
Flushed - BF 7 by gym bsmt	2060879	ICPMS Reg. Water (A13)	20241004.A13.1G	20241002.A52N
Flushed - BF 8 by rm 240	2060881	ICPMS Reg. Water (A13)	20241004.A13.1G	20241002.A52N
Standing - BF 04 by rm 229	2060872	ICPMS Reg. Water (A13)	20241004.A13.1G	20241002.A52N
Standing - BF 05 Field house	2060874	ICPMS Reg. Water (A13)	20241004.A13.1G	20241002.A52N
Standing - BF 2 by rm 104	2060876	ICPMS Reg. Water (A13)	20241004.A13.1G	20241002.A52N
Standing - BF 7 by gym bsmt	2060878	ICPMS Reg. Water (A13)	20241004.A13.1G	20241002.A52N
Standing - BF 8 by rm 240	2060880	ICPMS Reg. Water (A13)	20241004.A13.1G	20241002.A52N