



TESTMARK Laboratories Ltd.

Committed to Quality and Service

CERTIFICATE OF ANALYSIS

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Work Order Number: 535844
PO #:
Regulation: O.Reg. 243/07
Project #:
DWS #: 500111593
Sampled By: illegible

Date Order Received: 5/27/2024
Arrival Temperature: 5.4 C

Analysis Started: 5/28/2024
Analysis Completed: 5/29/2024

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- T-5 RM S-1000	2009781	Water	Plumbing	SAMPLE CONTAINED RESULT EXCEEDENCES.	5/26/2024	6:00 AM
FLUSHED- T-5 RM S-1000	2009782	Water	Plumbing	SAMPLE CONTAINED RESULT EXCEEDENCES.	5/26/2024	6:35 AM
STANDING- BF 2 BY S-101	2009783	Water	Plumbing		5/26/2024	6:05 AM
FLUSHED- BF 2 BY S-101	2009784	Water	Plumbing		5/26/2024	6:40 AM
STANDING- BF-05 BY S-1000	2009785	Water	Plumbing		5/26/2024	6:10 AM
FLUSHED- BF-05 BY S-1000	2009786	Water	Plumbing		5/26/2024	6:45 AM
STANDING- BF 1 BY S-121	2009787	Water	Plumbing		5/26/2024	6:15 AM
FLUSHED- BF 1 BY S-121	2009788	Water	Plumbing		5/26/2024	6:50 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 samples 2009781 & 2009782 for May 26, 2024, 18.3 ug/L and 19.8 ug/L. NS 05/29/24



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This report has been approved by:

Adam Tam, M.Sc.
Director of Operations

WORK ORDER RESULTS

Sample Description	STANDING - T - 5 RM S - 1000		FLUSHED - T - 5 RM S - 1000		STANDING - BF 2 BY S - 101		FLUSHED - BF 2 BY S - 101			
Sample Date	5/26/2024 6:00 AM		5/26/2024 6:35 AM		5/26/2024 6:05 AM		5/26/2024 6:40 AM			
Lab ID	2009781		2009782		2009783		2009784			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	18.3	0.1	19.8	0.1	<0.1	0.1	<0.1	0.1	ug/L	10
Sample Description	STANDING - BF - 05 BY S - 1000		FLUSHED - BF - 05 BY S - 1000		STANDING - BF 1 BY S - 121		FLUSHED - BF 1 BY S - 121			
Sample Date	5/26/2024 6:10 AM		5/26/2024 6:45 AM		5/26/2024 6:15 AM		5/26/2024 6:50 AM			
Lab ID	2009785		2009786		2009787		2009788			
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



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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.

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	20240529.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	20240529.A13.1C	
Reference Sample: CRM-12 (EP-L-3) (12)							
Parameter	MDL	Units	LCL	Result	UCL	QAQCID	
Lead	1	ug/L	2.58	3.87	5.38	20240529.A13.1C	
Sample Replicate: % RPD (4)							
Parameter	MDL	Units	LCL	Result	UCL	QAQCID	
Lead	N/A	%	0	0	20	20240529.A13.1C	
Sample Spike: LFMS-9 (N 100 µg/L) (9)							
Parameter	MDL	Units	LCL	Result	UCL	QAQCID	
Lead	N/A	% Rec	70	94.8	130	20240529.A13.1C	

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 - 05 BY S - 1000	2009786	ICPMS Reg. Water (A13)	20240529.A13.1C	20240528.A52ZM
FLUSHED - BF 1 BY S - 121	2009788	ICPMS Reg. Water (A13)	20240529.A13.1C	20240528.A52ZM
FLUSHED - BF 2 BY S - 101	2009784	ICPMS Reg. Water (A13)	20240529.A13.1C	20240528.A52ZM
FLUSHED - T - 5 RM S - 1000	2009782	ICPMS Reg. Water (A13)	20240529.A13.1C	20240528.A52ZM
STANDING - BF - 05 BY S - 1000	2009785	ICPMS Reg. Water (A13)	20240529.A13.1C	20240528.A52ZM
STANDING - BF 1 BY S - 121	2009787	ICPMS Reg. Water (A13)	20240529.A13.1C	20240528.A52ZM
STANDING - BF 2 BY S - 101	2009783	ICPMS Reg. Water (A13)	20240529.A13.1C	20240528.A52ZM
STANDING - T - 5 RM S - 1000	2009781	ICPMS Reg. Water (A13)	20240529.A13.1C	20240528.A52ZM