



CERTIFICATE OF ANALYSIS

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Work Order Number: 477755
PO #:
Regulation: O.Reg. 243/07
Project #:
DWS #: 500045618
Sampled By: Carol Koziar

Date Order Received: 9/23/2022
Arrival Temperature: 3 °C

Analysis Started: 10/3/2022
Analysis Completed: 10/3/2022

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-F1 BY RM 221	1803346	Water	Plumbing		9/23/2022	6:30 AM
FLUSHED-F1 BY RM 221	1803347	Water	Plumbing		9/23/2022	7:05 AM
STANDING-F2 BY ROOM 105	1803348	Water	Plumbing		9/23/2022	6:35 AM
FLUSHED-F2 BY ROOM 105	1803349	Water	Plumbing		9/23/2022	7:10 AM
STANDING-F3 BY CUST RM	1803350	Water	Plumbing		9/23/2022	6:40 AM
FLUSHED-F3 BY CUST RM	1803351	Water	Plumbing		9/23/2022	7:15 AM
STANDING-F4 BY BOYS CHG	1803352	Water	Plumbing		9/23/2022	6:45 AM
FLUSHED-F4 BY BOYS CHG	1803353	Water	Plumbing		9/23/2022	7:20 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 - F1 BY RM 221		FLUSHED - F1 BY RM 221		STANDING - F2 BY ROOM 105		FLUSHED - F2 BY ROOM 105			
Sample Date	9/23/2022 6:30 AM		9/23/2022 7:05 AM		9/23/2022 6:35 AM		9/23/2022 7:10 AM			
Lab ID	1803346		1803347		1803348		1803349			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	0.8	0.1	0.5	0.1	1.1	0.1	0.3	0.1	ug/L	10
Sample Description	STANDING - F3 BY CUST RM		FLUSHED - F3 BY CUST RM		STANDING - F4 BY BOYS CHG		FLUSHED - F4 BY BOYS CHG			
Sample Date	9/23/2022 6:40 AM		9/23/2022 7:15 AM		9/23/2022 6:45 AM		9/23/2022 7:20 AM			
Lab ID	1803350		1803351		1803352		1803353			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	7.5	0.1	3.1	0.1	1.0	0.1	1.3	0.1	ug/L	10

LEGEND

Dates: Dates are formatted as mm/dd/year throughout this report.

MDL: Method detection limit or minimum reporting limit.

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	20221003.A13.1F	
Positive Control: LFB-7 (N 100 µg/L) (7)							
Parameter	MDL	Units	LCL	Result	UCL	QAQCID	
Lead	N/A	%	85	95.7	115	20221003.A13.1F	
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	20221003.A13.1F	
Sample Spike: LFMS-9 (N 100 µg/L) (9)							
Parameter	MDL	Units	LCL	Result	UCL	QAQCID	
Lead	N/A	% Rec	70	98.3	130	20221003.A13.1F	

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 - F1 BY RM 221	1803347	ICPMS Reg. Water (A13)	20221003.A13.1F	20220929.A52ZG
FLUSHED - F2 BY ROOM 105	1803349	ICPMS Reg. Water (A13)	20221003.A13.1F	20220929.A52ZG
FLUSHED - F3 BY CUST RM	1803351	ICPMS Reg. Water (A13)	20221003.A13.1F	20220929.A52ZG
FLUSHED - F4 BY BOYS CHG	1803353	ICPMS Reg. Water (A13)	20221003.A13.1F	20220929.A52ZG
STANDING - F1 BY RM 221	1803346	ICPMS Reg. Water (A13)	20221003.A13.1F	20220929.A52ZG
STANDING - F2 BY ROOM 105	1803348	ICPMS Reg. Water (A13)	20221003.A13.1F	20220929.A52ZG
STANDING - F3 BY CUST RM	1803350	ICPMS Reg. Water (A13)	20221003.A13.1F	20220929.A52ZG
STANDING - F4 BY BOYS CHG	1803352	ICPMS Reg. Water (A13)	20221003.A13.1F	20220929.A52ZG