



CERTIFICATE OF ANALYSIS

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Work Order Number: 477756
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-F5 BY GIRLS CHGRM	1803245	Water	Plumbing		9/23/2022	6:30 AM
FLUSHED-F5 BY GIRLS CHGRM	1803246	Water	Plumbing		9/23/2022	7:05 AM
STANDING-BF 01 BY RM 209	1803247	Water	Plumbing		9/23/2022	6:35 AM
FLUSHED-BF 01 BY RM 209	1803248	Water	Plumbing		9/23/2022	7:10 AM
STANDING-S-2 RM224 YMCA	1803249	Water	Plumbing		9/23/2022	6:40 AM
FLUSHED-S-2 RM224 YMCA	1803250	Water	Plumbing		9/23/2022	7:15 AM
STANDING-S-3 RM 223 YMCA	1803251	Water	Plumbing		9/23/2022	6:45 AM
FLUSHED-S-3 RM 223 YMCA	1803252	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 - F5 BY GIRLS CHGRM		FLUSHED - F5 BY GIRLS CHGRM		STANDING - BF 01 BY RM 209		FLUSHED - BF 01 BY RM 209			
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	1803245		1803246		1803247		1803248			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	3.3	0.1	0.7	0.1	<0.1	0.1	<0.1	0.1	ug/L	10
Sample Description	STANDING - S - 2 RM224 YMCA		FLUSHED - S - 2 RM224 YMCA		STANDING - S - 3 RM 223 YMCA		FLUSHED - S - 3 RM 223 YMCA			
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	1803249		1803250		1803251		1803252			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	0.2	0.1	0.2	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.

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 - BF 01 BY RM 209	1803248	ICPMS Reg. Water (A13)	20221003.A13.1F	20220929.A52ZG
FLUSHED - F5 BY GIRLS CHGRM	1803246	ICPMS Reg. Water (A13)	20221003.A13.1F	20220929.A52ZG
FLUSHED - S - 2 RM224 YMCA	1803250	ICPMS Reg. Water (A13)	20221003.A13.1F	20220929.A52ZG
FLUSHED - S - 3 RM 223 YMCA	1803252	ICPMS Reg. Water (A13)	20221003.A13.1F	20220929.A52ZG
STANDING - BF 01 BY RM 209	1803247	ICPMS Reg. Water (A13)	20221003.A13.1F	20220929.A52ZG
STANDING - F5 BY GIRLS CHGRM	1803245	ICPMS Reg. Water (A13)	20221003.A13.1F	20220929.A52ZG
STANDING - S - 2 RM224 YMCA	1803249	ICPMS Reg. Water (A13)	20221003.A13.1F	20220929.A52ZG
STANDING - S - 3 RM 223 YMCA	1803251	ICPMS Reg. Water (A13)	20221003.A13.1F	20220929.A52ZG