



CERTIFICATE OF ANALYSIS

Client: Alain Venne
Company: RDSB - Jean Hansen
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Work Order Number: 478036
PO #:
Regulation: O.Reg. 243/07
Project #:
DWS #: 500039196
Sampled By: Jonas

Date Order Received: 9/27/2022
Arrival Temperature: 16.1 °C

Analysis Started: 10/5/2022
Analysis Completed: 10/5/2022

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- BF 02 by Room 8	1804273	Water	Plumbing		9/27/2022	6:30 AM
Flushed- BF 02 by Room 8	1804274	Water	Plumbing		9/27/2022	7:05 AM
Standing- S2 room 10 island	1804275	Water	Plumbing		9/27/2022	6:35 AM
Flushed- S2 room 10 island	1804276	Water	Plumbing		9/27/2022	7:10 AM
Standing- BF 01 by room 4	1804277	Water	Plumbing		9/27/2022	6:30 AM
Flushed- BF 01 by room 4	1804278	Water	Plumbing		9/27/2022	7:05 AM
Standing- S3 room 10	1804279	Water	Plumbing		9/27/2022	6:35 AM
Flushed- S3 room 10	1804280	Water	Plumbing		9/27/2022	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:

Mahesh Patel, B.Sc.
Laboratory Director



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WORK ORDER RESULTS

Sample Description	Standing - BF 02 by Room 8		Flushed - BF 02 by Room 8		Standing - S2 room 10 island		Flushed - S2 room 10 island			
Sample Date	9/27/2022 6:30 AM		9/27/2022 7:05 AM		9/27/2022 6:35 AM		9/27/2022 7:10 AM			
Lab ID	1804273		1804274		1804275		1804276			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	<0.1	0.1	<0.1	0.1	0.8	0.1	0.4	0.1	ug/L	10
Sample Description	Standing - BF 01 by room 4		Flushed - BF 01 by room 4		Standing - S3 room 10		Flushed - S3 room 10			
Sample Date	9/27/2022 6:30 AM		9/27/2022 7:05 AM		9/27/2022 6:35 AM		9/27/2022 7:10 AM			
Lab ID	1804277		1804278		1804279		1804280			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	0.1	0.1	<0.1	0.1	2.9	0.1	1.2 1.2	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.

[]: Results for laboratory replicates are shown in square brackets immediately below the associated sample result for ease of comparison.

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	20221005.A13.1D

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	%	85	102	115	20221005.A13.1D

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	1	ug/L	2.58	4.19	5.38	20221005.A13.1D

Sample Replicate: % RPD (4)

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	%	0	0	20	20221005.A13.1D

Sample Spike: LFMS-9 (N 100 µg/L) (9)

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	% Rec	70	97.6	130	20221005.A13.1D



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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 room 4	1804278	ICPMS Reg. Water (A13)	20221005.A13.1D	20221004.A52F
Flushed - BF 02 by Room 8	1804274	ICPMS Reg. Water (A13)	20221005.A13.1D	20221004.A52F
Flushed - S2 room 10 island	1804276	ICPMS Reg. Water (A13)	20221005.A13.1D	20221004.A52F
Flushed - S3 room 10	1804280	ICPMS Reg. Water (A13)	20221005.A13.1D	20221004.A52F
Flushed - S3 room 10	1804280r	ICPMS Reg. Water (A13)	20221005.A13.1D	20221004.A52F
Standing - BF 01 by room 4	1804277	ICPMS Reg. Water (A13)	20221005.A13.1D	20221004.A52F
Standing - BF 02 by Room 8	1804273	ICPMS Reg. Water (A13)	20221005.A13.1D	20221004.A52F
Standing - S2 room 10 island	1804275	ICPMS Reg. Water (A13)	20221005.A13.1D	20221004.A52F
Standing - S3 room 10	1804279	ICPMS Reg. Water (A13)	20221005.A13.1D	20221004.A52F