



CERTIFICATE OF ANALYSIS

Client: Lisa Polano
Company: RDSB - Chelmsford S.S.
Address: 408 Wembley Drive
Sudbury, ON, P3E 1P2
Phone/Fax: (705) 690-5929 / (705) 671-2442
Email: polanol@rainbowschools.ca

Work Order Number: 464272
PO #:
Regulation: O.Reg. 243/07
Project #:
DWS #: 500045748
Sampled By: Lisa Polano

Date Order Received: 5/30/2022
Arrival Temperature: 5 °C

Analysis Started: 6/1/2022
Analysis Completed: 6/1/2022

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-05 by 114	1758857	Water	Plumbing		5/29/2022	6:00 AM
Flushed- BF-05 by 114	1758858	Water	Plumbing		5/29/2022	6:35 AM
Standing- BF-03 by 101	1758859	Water	Plumbing		5/29/2022	6:05 AM
Flushed- BF-03 by 101	1758860	Water	Plumbing		5/29/2022	6:40 AM
Standing- BF-4 by 206	1758861	Water	Plumbing		5/29/2022	6:10 AM
Flushed- BF-4 by 206	1758862	Water	Plumbing		5/29/2022	6:45 AM
Standing- BF-02 by 305	1758863	Water	Plumbing		5/29/2022	6:15 AM
Flushed- BF-02 by 305	1758864	Water	Plumbing		5/29/2022	6:50 AM
Standing- S-3 Rm 203	1758865	Water	Plumbing		5/29/2022	6:20 AM
Flushed- S-3 Rm 203	1758866	Water	Plumbing		5/29/2022	6:55 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 - 05 by 114		Flushed - BF - 05 by 114		Standing - BF - 03 by 101		Flushed - BF - 03 by 101		Units	Criteria: O.Reg. 243/07
Sample Date	5/29/2022 6:00 AM		5/29/2022 6:35 AM		5/29/2022 6:05 AM		5/29/2022 6:40 AM			
Lab ID	1758857		1758858		1758859		1758860			
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
Sample Description	Standing - BF - 4 by 206		Flushed - BF - 4 by 206		Standing - BF - 02 by 305		Flushed - BF - 02 by 305		Units	Criteria: O.Reg. 243/07
Sample Date	5/29/2022 6:10 AM		5/29/2022 6:45 AM		5/29/2022 6:15 AM		5/29/2022 6:50 AM			
Lab ID	1758861		1758862		1758863		1758864			
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
Sample Description	Standing - S - 3 Rm 203		Flushed - S - 3 Rm 203		Units	Criteria: O.Reg. 243/07				
Sample Date	5/29/2022 6:20 AM		5/29/2022 6:55 AM							
Lab ID	1758865		1758866							
Metals	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07				
Lead	0.9	0.1	0.9	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.



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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	1	20220601.A13.1B

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	%	80	98.8	120	20220601.A13.1B

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	1	ug/L	2.58	4.04	5.38	20220601.A13.1B

Sample Replicate: % RPD (4)

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	%	0	0	20	20220601.A13.1B

Sample Spike: LFMS-9 (N 100 µg/L) (9)

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	% Rec	70	93.8	130	20220601.A13.1B



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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 - 02 by 305	1758864	ICPMS Reg. Water (A13)	20220601.A13.1B	20220531.A52ZO
Flushed - BF - 03 by 101	1758860	ICPMS Reg. Water (A13)	20220601.A13.1B	20220531.A52ZO
Flushed - BF - 05 by 114	1758858	ICPMS Reg. Water (A13)	20220601.A13.1B	20220531.A52ZO
Flushed - BF - 4 by 206	1758862	ICPMS Reg. Water (A13)	20220601.A13.1B	20220531.A52ZO
Flushed - S - 3 Rm 203	1758866	ICPMS Reg. Water (A13)	20220601.A13.1B	20220531.A52ZO
Standing - BF - 02 by 305	1758863	ICPMS Reg. Water (A13)	20220601.A13.1B	20220531.A52ZO
Standing - BF - 03 by 101	1758859	ICPMS Reg. Water (A13)	20220601.A13.1B	20220531.A52ZO
Standing - BF - 05 by 114	1758857	ICPMS Reg. Water (A13)	20220601.A13.1B	20220531.A52ZO
Standing - BF - 4 by 206	1758861	ICPMS Reg. Water (A13)	20220601.A13.1B	20220531.A52ZO
Standing - S - 3 Rm 203	1758865	ICPMS Reg. Water (A13)	20220601.A13.1B	20220531.A52ZO