TESTMARK Laboratories Ltd.
Committed to Quality and Service

CERTIFICATE OF ANALYSIS

Client:	Lisa Polano	Work Order Number:	499830
Company:	RDSB - Alexander Public School	PO #:	
Address:	408 Wembley Drive Sudbury, ON, P3E 1P2	Regulation: Project #:	O.Reg. 243/07
Phone/Fax:	(705) 690-5929 / (705) 671-2442	DWS #:	500046021
Email:	polanol@rainbowschools.ca	Sampled By:	Lisa Polano
Date Order Received:	5/23/2023	Analysis Started:	5/24/2023
Arrival Temperature:	12 °C	Analysis Completed:	5/25/2023

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-Daycare T-1 Rm 23	1882685	Water	Plumbing		5/23/2023	6:00 AM
Flushed-Daycare T-1 Rm 23	1882686	Water	Plumbing		5/23/2023	6:35 AM
Standing-BF-3 by 207	1882687	Water	Plumbing		5/23/2023	6:05 AM
Flushed-BF-3 by 207	1882688	Water	Plumbing		5/23/2023	6:40 AM
Standing-BF-1 by rm 02	1882689	Water	Plumbing		5/23/2023	6:10 AM
Flushed-BF-1 by rm 02	1882690	Water	Plumbing		5/23/2023	6:45 AM
Standing-BF-2 by rm 17	1882691	Water	Plumbing		5/23/2023	6:15 AM
Flushed-BF-2 by rm 17	1882692	Water	Plumbing		5/23/2023	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

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This report has been approved by:

Brad Halvorson, B.Sc.
Laboratory Director

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WORK ORDER RESULTS

Sample Description	Standing - Daycare T - 1 Rm 23		Flushed - Daycare T - 1 Rm 23		Standing - BF - 3 by 207		Flushed - BF - 3 by 207			
Sample Date	5/23/2023 6:00 AM		5/23/2023 6:35 AM		5/23/2023 6:05 AM		5/23/2023 6:40 AM			
Lab ID	1882685		1882686		1882687		1882688			
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 - 1 by rm 02		Flushed - BF - 1 by rm 02		Standing - BF - 2 by rm 17		Flushed - BF - 2 by rm 17			
Sample Date	5/23/2023 6:10 AM		5/23/2023 6:45 AM		5/23/2023 6:15 AM		5/23/2023 6:50 AM			
Lab ID	1882689		1882690		1882691		1882692			
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.

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.

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	20230525.A13.1B

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	%	85	101	115	20230525.A13.1B

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	1	ug/L	2.58	3.95	5.38	20230525.A13.1B

Sample Spike: LFMS-9 (N 100 µg/L) (9)

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	% Rec	70	95.7	130	20230525.A13.1B

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 - 1 by rm 02	1882690	ICPMS Reg. Water (A13)	20230525.A13.1B	20230524.A52ZG
Flushed - BF - 2 by rm 17	1882692	ICPMS Reg. Water (A13)	20230525.A13.1B	20230524.A52ZG
Flushed - BF - 3 by 207	1882688	ICPMS Reg. Water (A13)	20230525.A13.1B	20230524.A52ZG
Flushed - Daycare T - 1 Rm 23	1882686	ICPMS Reg. Water (A13)	20230525.A13.1B	20230524.A52ZG
Standing - BF - 1 by rm 02	1882689	ICPMS Reg. Water (A13)	20230525.A13.1B	20230524.A52ZG
Standing - BF - 2 by rm 17	1882691	ICPMS Reg. Water (A13)	20230525.A13.1B	20230524.A52ZG
Standing - BF - 3 by 207	1882687	ICPMS Reg. Water (A13)	20230525.A13.1B	20230524.A52ZG
Standing - Daycare T - 1 Rm 23	1882685	ICPMS Reg. Water (A13)	20230525.A13.1B	20230524.A52ZG

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