



## CERTIFICATE OF ANALYSIS

Client:	Lisa Polano	Work Order Number:	411388
Company:	RDSB - Redwood Acres Public School	PO #:	
Address:	408 Wembley Drive Sudbury, ON, P3E 1P2	Regulation:	O.Reg. 243/07
Phone/Fax:	(705) 690-0323 / (705) 671-2442	Project #:	
Email:	polanol@rainbowschools.ca	DWS #:	500046099
		Sampled By:	Jeanmarc Lacher
Date Order Received:	9/16/2020	Analysis Started:	9/21/2020
Arrival Temperature:	18 °C	Analysis Completed:	9/21/2020

### 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-3 Room 6	1576288	Water	Plumbing		9/16/2020	6:00 AM
Flushed - Daycare T-3 Room 6	1576289	Water	Plumbing		9/16/2020	6:35 AM
Standing - T-1 Rm F1	1576290	Water	Plumbing		9/16/2020	6:05 AM
Flushed - T-1 Rm F1	1576291	Water	Plumbing		9/16/2020	6:40 AM
Standing - BF1 by C3	1576292	Water	Plumbing		9/16/2020	6:10 AM
Flushed - BF1 by C3	1576293	Water	Plumbing		9/16/2020	6:45 AM
Standing - BF2 by rm L	1576294	Water	Plumbing		9/16/2020	6:15 AM
Flushed - BF2 by rm L	1576295	Water	Plumbing		9/16/2020	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



**TESTMARK Laboratories Ltd.**

*Committed to Quality and Service*

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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 - 3 Room 6		Flushed - Daycare T - 3 Room 6		Standing - T - 1 Rm F1		Flushed - T - 1 Rm F1			
Sample Date	9/16/2020 6:00 AM		9/16/2020 6:35 AM		9/16/2020 6:05 AM		9/16/2020 6:40 AM			
Lab ID	1576288		1576289		1576290		1576291			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	4.0	0.1	1.7	0.1	2.2	0.1	1.0	0.1	ug/L	10
Sample Description	Standing - BF1 by C3		Flushed - BF1 by C3		Standing - BF2 by rm L		Flushed - BF2 by rm L			
Sample Date	9/16/2020 6:10 AM		9/16/2020 6:45 AM		9/16/2020 6:15 AM		9/16/2020 6:50 AM			
Lab ID	1576292		1576293		1576294		1576295			
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

### 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.



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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	20200921.A13.1F

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	%	80	93	120	20200921.A13.1F

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	1	ug/L	2.64	4.03	5.44	20200921.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	20200921.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 - BF1 by C3	1576293	ICPMS Reg. Water (A13)	20200921.A13.1F	20200918.A52ZC
Flushed - BF2 by rm L	1576295	ICPMS Reg. Water (A13)	20200921.A13.1F	20200918.A52ZC
Flushed - Daycare T - 3 Room 6	1576289	ICPMS Reg. Water (A13)	20200921.A13.1F	20200918.A52ZC
Flushed - T - 1 Rm F1	1576291	ICPMS Reg. Water (A13)	20200921.A13.1F	20200918.A52ZC
Standing - BF1 by C3	1576292	ICPMS Reg. Water (A13)	20200921.A13.1F	20200918.A52ZC
Standing - BF2 by rm L	1576294	ICPMS Reg. Water (A13)	20200921.A13.1F	20200918.A52ZC
Standing - Daycare T - 3 Room 6	1576288	ICPMS Reg. Water (A13)	20200921.A13.1F	20200918.A52ZC
Standing - T - 1 Rm F1	1576290	ICPMS Reg. Water (A13)	20200921.A13.1F	20200918.A52ZC