



## CERTIFICATE OF ANALYSIS

Client:	Lisa Polano	Work Order Number:	382339
Company:	RDSB - Queen Elizabeth II 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 #:	500045969
		Sampled By:	Simone K
Date Order Received:	9/10/2019	Analysis Started:	9/16/2019
Arrival Temperature:	15 °C	Analysis Completed:	9/17/2019

### 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 - Day Care	1474463	Water	Plumbing		9/10/2019	6:30 AM
Flushed - Day Care	1474464	Water	Plumbing		9/10/2019	7:05 AM
Standing - F-104B	1474465	Water	Plumbing		9/10/2019	6:35 AM
Flushed - F-104B	1474466	Water	Plumbing		9/10/2019	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



**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 - Day Care		Flushed - Day Care		Standing - F - 104B		Flushed - F - 104B			
Sample Date	09/10/2019		09/10/2019		09/10/2019		09/10/2019			
Lab ID	1474463		1474464		1474465		1474466			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	<0.1	0.1	<0.1	0.1	0.6	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.

Exceedences: HIGHLIGHTED CELLS INDICATE THAT THE RESULT EXCEEDS A REGULATORY LIMIT. CALCULATED UNCERTAINTY ESTIMATIONS ARE NOT APPLIED FOR DETERMINING SAMPLE EXCEEDANCES.

Benzo(b)fluoranthene: Results for benzo(b)fluoranthene may include contributions from benzo(j)fluoranthene.

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.



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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	1	ug/L	0	<1	1	20190917.A13.1C

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	%	80	92.5	120	20190917.A13.1C

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	1	ug/L	2.64	3.82	5.44	20190917.A13.1C

##### Sample Spike: LFMS-9 (N 100 µg/L) (9)

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	% Rec	70	93.7	130	20190917.A13.1C

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 - Day Care	1474464	ICPMS Reg. Water (A13)	20190917.A13.1C	20190916.A520
Flushed - F - 104B	1474466	ICPMS Reg. Water (A13)	20190917.A13.1C	20190916.A520
Standing - Day Care	1474463	ICPMS Reg. Water (A13)	20190917.A13.1C	20190916.A520
Standing - F - 104B	1474465	ICPMS Reg. Water (A13)	20190917.A13.1C	20190916.A520