



## CERTIFICATE OF ANALYSIS

Client: Lisa Polano  
Company: RDSB - Levack Public School  
Address: 69 Young St.  
Sudbury, ON, P3E 3G5  
Phone/Fax: (705) 674-3171 / (705) 761-2442  
Email: polanol@rainbowschools.ca

Work Order Number: 375526  
PO #:   
Regulation: O.Reg. 243/07  
Project #:   
DWS #: 500045787  
Sampled By: Helen Tremblay

Date Order Received: 6/20/2019  
Arrival Temperature: 12 °C

Analysis Started: 6/23/2019  
Analysis Completed: 6/24/2019

### 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 - F - By 128	1449740	Water	Plumbing		6/20/2019	6:30 AM
Flushed - F - By 128	1449741	Water	Plumbing		6/20/2019	7:05 AM
Stan - F - By 120	1449742	Water	Plumbing		6/20/2019	6:35 AM
Flush. - F - By 120	1449743	Water	Plumbing		6/20/2019	7:10 AM
Stan - Sink Rm 142	1449744	Water	Plumbing		6/20/2019	6:40 AM
Flush. Sink Rm 142	1449745	Water	Plumbing		6/20/2019	7:15 AM
Stan Daycare	1449746	Water	Plumbing		6/20/2019	6:45 AM
Flush Daycare	1449747	Water	Plumbing		6/20/2019	7:20 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:

Khaled Omari, Ph.D.

Laboratory Director



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### WORK ORDER RESULTS

Sample Description	Standing - F - By 128		Flushed - F - By 128		Stan - F - By 120		Flush. - F - By 120			
Lab ID	1449740		1449741		1449742		1449743			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	0.5	0.1	0.2	0.1	0.5	0.1	0.6	0.1	ug/L	10

Sample Description	Stan - Sink Rm 142		Flush. Sink Rm 142		Stan Daycare		Flush Daycare			
Lab ID	1449744		1449745		1449746		1449747			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	5.1	0.1	5.6	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.

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- µg/L) (6)

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	1	ug/L	0	<1	1	20190624.A13.1G

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	%	80	88.8	120	20190624.A13.1G

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	1	ug/L	3.65	3.69	4.35	20190624.A13.1G

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	% Rec	70	86.9	130	20190624.A13.1G

THIS INDEX SHOWS HOW YOUR SAMPLES ARE ASSOCIATED TO THE CONTROLS INCLUDED IN THE IDENTIFIED BATCHES.

Sample Description	Lab ID	Method	QAQCID	Prep QAQCID
Flush Daycare	1449747	ICPMS Reg. Water (A13)	20190624.A13.1G	20190623.A52E
Flush. - F - By 120	1449743	ICPMS Reg. Water (A13)	20190624.A13.1G	20190623.A52E
Flush. Sink Rm 142	1449745	ICPMS Reg. Water (A13)	20190624.A13.1G	20190623.A52E
Flushed - F - By 128	1449741	ICPMS Reg. Water (A13)	20190624.A13.1G	20190623.A52E
Stan - F - By 120	1449742	ICPMS Reg. Water (A13)	20190624.A13.1G	20190623.A52E
Stan - Sink Rm 142	1449744	ICPMS Reg. Water (A13)	20190624.A13.1G	20190623.A52E
Stan Daycare	1449746	ICPMS Reg. Water (A13)	20190624.A13.1G	20190623.A52E
Standing - F - By 128	1449740	ICPMS Reg. Water (A13)	20190624.A13.1G	20190623.A52E