



TESTMARK Laboratories Ltd.

Committed to Quality and Service

CERTIFICATE OF ANALYSIS

Client:	Lisa Polano	Work Order Number:	375532
Company:	RDSB - Confederation Secondary School	PO #:	
Address:	69 Young St. Sudbury, ON, P3E 3G5	Regulation:	O.Reg. 243/07
Phone/Fax:	(705) 674-3171 / (705) 761-2442	Project #:	
Email:	polanol@rainbowschools.ca	DWS #:	500111593
		Sampled By:	Lisa P
Date Order Received:	6/19/2019	Analysis Started:	6/23/2019
Arrival Temperature:	15 °C	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 303 -F-012-C By 1000	1449788	Water	Plumbing		6/19/2019	6:00 AM
Flushed 303 -F-012-C By 1000	1449789	Water	Plumbing		6/19/2019	6:35 AM
ST 303-F-013A By 1003	1449790	Water	Plumbing		6/19/2019	6:05 AM
FI 303-F 013A By 1003	1449791	Water	Plumbing		6/19/2019	6:40 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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Work Order Number: 375532

This report has been approved by:

Mark Charbonneau, Ph.D.
Laboratory Director



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WORK ORDER RESULTS

Sample Description	Standing 303 - F - 012 - C By 1000		Flushed 303 - F - 012 - C By 1000		ST 303 - F - 013A By 1003		FI 303 - F 013A By 1003			
Lab ID	1449788		1449789		1449790		1449791			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	1.9	0.1	1	0.1	2.5	0.1	2.1	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.A13.1B

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	%	80	87.2	120	20190624.A13.1B

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	1	ug/L	3.65	3.66	4.35	20190624.A13.1B

Sample Replicate: % RPD (4)

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	%	0	8.7	20	20190624.A13.1B

Sample Spike: LFMS-9 (N 100 µg/L) (9)

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	% Rec	70	90.7	130	20190624.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
FI 303 - F 013A By 1003	1449791	ICPMS Reg. Water (A13)	20190624.A13.1B	20190623.A52F
Flushed 303 - F - 012 - C By 1000	1449789	ICPMS Reg. Water (A13)	20190624.A13.1B	20190623.A52F
ST 303 - F - 013A By 1003	1449790	ICPMS Reg. Water (A13)	20190624.A13.1B	20190623.A52F
Standing 303 - F - 012 - C By 1000	1449788	ICPMS Reg. Water (A13)	20190624.A13.1B	20190623.A52F