



CERTIFICATE OF ANALYSIS

Client:	Richard Miller	Work Order Number:	412044
Company:	RDSB - Centre for Education	PO #:	
Address:	408 Wembley Drive Sudbury, ON, P3E 1P2	Regulation:	O.Reg. 243/07
Phone/Fax:	(705) 918-3218 / (705) 671-2442	Project #:	
Email:	millerr@rainbowschools.ca	DWS #:	500040340
		Sampled By:	Carol Koziar
Date Order Received:	9/23/2020	Analysis Started:	9/28/2020
Arrival Temperature:	9 °C	Analysis Completed:	9/28/2020

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 - BF-1 by O'Connor Park	1578631	Water	Plumbing		9/23/2020	7:00 AM
Flushed - BF-1 by O'Connor Park	1578632	Water	Plumbing		9/23/2020	7:35 AM
Standing - S-1 O'Connor Park	1578633	Water	Plumbing		9/23/2020	7:05 AM
Flushed - S-1 O'Connor Park	1578634	Water	Plumbing		9/23/2020	7:40 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



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 - BF - 1 by O'Connor Park		Flushed - BF - 1 by O'Connor Park		Standing - S - 1 O'Connor Park		Flushed - S - 1 O'Connor Park			
Sample Date	9/23/2020 7:00 AM		9/23/2020 7:35 AM		9/23/2020 7:05 AM		9/23/2020 7:40 AM			
Lab ID	1578631		1578632		1578633		1578634			
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	20200928.A13.1B

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	%	80	94.2	120	20200928.A13.1B

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	1	ug/L	2.64	4.15	5.44	20200928.A13.1B

Sample Replicate: % RPD (4)

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	%	0	1.6	20	20200928.A13.1B

Sample Spike: LFMS-9 (N 100 µg/L) (9)

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	% Rec	70	101	130	20200928.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 O'Connor Park	1578632	ICPMS Reg. Water (A13)	20200928.A13.1B	20200927.A52D
Flushed - S - 1 O'Connor Park	1578634	ICPMS Reg. Water (A13)	20200928.A13.1B	20200927.A52D
Standing - BF - 1 by O'Connor Park	1578631	ICPMS Reg. Water (A13)	20200928.A13.1B	20200927.A52D
Standing - S - 1 O'Connor Park	1578633	ICPMS Reg. Water (A13)	20200928.A13.1B	20200927.A52D