

TESTMARK Laboratories Ltd.

Committed to Quality and Service

CERTIFICATE OF ANALYSIS

Client: Company:	Mike Lavallee RDSB - Alexander Public School	Work Order Number: PO #:	346508
Address:	39 Brendan Sudbury, ON, P3E 1K3	Regulation: Project #:	O.Reg. 243/07
Phone/Fax:	(705) 674-3171 / (705) 761-2442	DWS #:	500046021
Email:	lavallm@rainbowschools.ca	Sampled By:	Mark Bocy
Date Order Received:	6/12/2018	Analysis Started:	6/14/2018
Arrival Temperature:	20 °C	Analysis Completed:	6/15/2018

WORK ORDER SUMMARY

ANALYSES WERE PERFORMED ON THE FOLLOWING SAMPLES. THE RESULTS RELATE ONLY TO THE ITEMS TESTED.

Sample Description	Lab ID	Matrix	Туре	Comments	Date Collected	Time Collected
T2 (Standing)	1106885	Water	Plumbing		6/12/2018	6:30 AM
T2 (Flushed)	1106886	Water	Plumbing		6/12/2018	7:05 AM
T5 S	1106887	Water	Plumbing		6/12/2018	6:50 AM
T5 F	1106888	Water	Plumbing		6/12/2018	7:25 AM
T23 R DC S	1106889	Water	Plumbing		6/12/2018	7:10 AM
T23 R DC F	1106890	Water	Plumbing		6/12/2018	7:45 AM

METHODS AND INSTRUMENTATION

THE FOLLOWING METHODS WERE USED FOR YOUR SAMPLE(S):

Method	Lab	Description	Reference
ICPMS Reg. Water (R13.1)	Garson	Determination of Metals in Water by ICP/MS	Modified from SW846-6020A

This report has been approved by:

Khaled Omari, Ph.D. Laboratory Director



RDSB - Alexander Public School

Work Order Number: 346508

WORK ORDER RESULTS

Sample Description Lab ID		anding) 6885	T2 (Flushed) 1106886			5 S 6887		5 F 6888		
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	0.47 [0.47]	0.1	0.22	0.1	0.62	0.1	0.82	0.1	ug/L	10
Sample Description Lab ID		6889		6890						
Metals	Result	MDL	Result	MDL	Units	Criteria: O.Re 243/07	g.			
Lead	0.16	0.1	0.12	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.

[]: Results for laboratory replicates are shown in square brackets immediately below the associated sample result for ease of comparison.

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.



RDSB - Alexander Public School

Work Order Number: 346508

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 (Blan	k- μg/L) (6)					
Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	1	ug/L	0	<1	1	20180615.R13-5o2
Positive Control: LFB-7 (N	100 μg/L) (7)					
Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	%	80	91.7	120	20180615.R13-5o2
Reference Sample: CRM-1	2 (EP-L-3) (12)					
Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	% Rec	80	100	120	20180615.R13-5o2
Sample Spike: LFMS-10 (N	l 100 μg/L) (10)					
Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	% Rec	70	97.4	130	20180615.R13-5o2

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

Sample Description	Lab ID	Method	QAQCID	Prep QAQCID
T2 (Flushed)	1106886	ICPMS Reg. Water (R13.1)	20180615.R13-5o2	20180614.A52V
T2 (Standing)	1106885	ICPMS Reg. Water (R13.1)	20180615.R13-5o2	20180614.A52V
T2 (Standing)	1106885r	ICPMS Reg. Water (R13.1)	20180615.R13-5o2	20180614.A52V
T23 R DC F	1106890	ICPMS Reg. Water (R13.1)	20180615.R13-5o2	20180614.A52V
T23 R DC S	1106889	ICPMS Reg. Water (R13.1)	20180615.R13-5o2	20180614.A52V
T5 F	1106888	ICPMS Reg. Water (R13.1)	20180615.R13-5o2	20180614.A52V
T5 S	1106887	ICPMS Reg. Water (R13.1)	20180615.R13-5o2	20180614.A52V



DRINKING WATER CHAIN OF CUSTODY FORM

V-TM-DW-2012-3.0

1 of 1

Page

Please use our General Chain of Custody Form for non-drinking water sample submissions

REPORT							INVOICE TO: (if different from Report)									PROJECT INFORMATION:							
Client:					RDSB - Alexand	er P.S.	2	Client:									TM Quote #:						
Address:					39 Brendan St	reet		Address:								Client P.O. #:							
					Sudbury, ON P3	E 1K3						*					- 9	R.		Client Project #:			
Contact:					Mark Bocy			Con	tact:	i.		-					/	5				and the	and to
Email:	bocym@rainbowschools.ca; lavallm@rainbowschools.ca						Ema	ail:												- me	inter con	Mail: -	
Phone:	. 705-674-3171 Fax:						Pho	ne:					Fax:										
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100 Wilson Ave., Suite 102, Timmins, ON, P4N 2S9 • 705-531-1121 (P) • 705-531-1125 (F) • timmins@testmark.ca

6820 Kitimat Road Unit #1, Mississauga, ON, L5N 5M3 • 905-821-1112 (P) • 905-821-2095 (F) • csr-mississauga@testmark.ca CONFIRMATION REPORT

*** Please contact Customer Service for assistance with customized CofC's for Schedule 15.1 testing.

Please use separate CofC's for each Waterworks. Samples must be received below 10°C with evidence that an attempt was made to ensure adequate cooling ENT



TESTMARK Laboratories Ltd.

Committed to Quality and Service

CERTIFICATE OF ANALYSIS

Client:	Mark Bocy	Work Order Number:	346914
Company:	RDSB - Alexander Public School	PO #:	
Address:	39 Brendan Sudbury, ON, P3E 1K3	Regulation: Project #:	O.Reg. 243/07
Phone/Fax:	(705) 674-3171 / (705) 761-2442	DWS #:	500046021
Email:	bocym@rainbowschools.ca	Sampled By:	Mark Bocy
Date Order Received:	6/15/2018	Analysis Started:	6/19/2018
Arrival Temperature:	8 °C	Analysis Completed:	6/20/2018

WORK ORDER SUMMARY

ANALYSES WERE PERFORMED ON THE FOLLOWING SAMPLES. THE RESULTS RELATE ONLY TO THE ITEMS TESTED.

Sample Description	Lab ID	Matrix	Туре	Comments	Date Collected	Time Collected
F2 (Standing)	1351836	Water	Plumbing		6/13/2018	7:00 AM
F2 (Flushed)	1351837	Water	Plumbing		6/13/2018	7:35 AM
F gym S	1351838	Water	Plumbing		6/13/2018	7:10 AM
F gym F	1351839	Water	Plumbing		6/13/2018	7:45 AM
F19 S	1351840	Water	Plumbing		6/13/2018	7:20 AM
F19 F	1351841	Water	Plumbing		6/13/2018	7:55 AM

METHODS AND INSTRUMENTATION

THE FOLLOWING METHODS WERE USED FOR YOUR SAMPLE(S):

Method	Lab	Description	Reference
ICPMS Reg. Water (R13.1)	Garson	Determination of Metals in Water by ICP/MS	Modified from SW846-6020A

This report has been approved by:

Khaled Omari, Ph.D. Laboratory Director



RDSB - Alexander Public School

WORK ORDER RESULTS

Work Order Number: 346914

Sample Description Lab ID		anding) 1836	F2 (Flushed) 1351837			/m S 1838		/m F 1839		
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	0.27 [0.28]	0.1	0.29	0.1	0.28	0.1	0.33	0.1	ug/L	10
Sample Description Lab ID		9 S 1840	F1 1351							
Metals	Result	MDL	Result	MDL	Units	Criteria: O.Re 243/07	g.			
Lead	<0.1	0.1	<0.1	0.1	ug/L	10				

LEGEND

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LCL: Lower Control Limit.

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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.



RDSB - Alexander Public School

Work Order Number: 346914

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

Reference Sample: CRM-1	2 (EP-L-3) (12)					
Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	ug/L	3.65	3.8	4.35	20180620.R13.1G
Positive Control: LFB-7 (N	100 μg/L) (7)					
Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	%	80	88.6	120	20180620.R13.1G
Method Blank: LRB-6 (Blan	ık- μg/L) (6)					
Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	1	ug/L	0	<1	1	20180620.R13.1G
Sample Spike: LFMS-10 (N	l 100 μg/L) (10)					
Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	% Rec	70	88.2	130	20180620.R13.1G

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

Sample Description	Lab ID	Method	QAQCID	Prep QAQCID		
F gym F	1351839	ICPMS Reg. Water (R13.1)	20180620.R13.1G	20180619.A52U		
F gym S	1351838	ICPMS Reg. Water (R13.1)	20180620.R13.1G	20180619.A52U		
F19 F	1351841	ICPMS Reg. Water (R13.1)	20180620.R13.1G	20180619.A52U		
F19 S	1351840	ICPMS Reg. Water (R13.1)	20180620.R13.1G	20180619.A52U		
F2 (Flushed)	1351837	ICPMS Reg. Water (R13.1)	20180620.R13.1G	20180619.A52U		
F2 (Standing)	1351836	ICPMS Reg. Water (R13.1)	20180620.R13.1G	20180619.A52U		
F2 (Standing)	1351836r	ICPMS Reg. Water (R13.1)	20180620.R13.1G	20180619.A52U		

TESTMARK Laboratories Committed to Quality and Service

DRINKING WATER CHAIN OF CUSTODY FORM

V-TM-DW-2012-3.0

REPORT	RDSB - Alexander P.S.				I	of Custody Form for non-drinking water sample submission INVOICE TO: (if different from Report) Client:												PI	PROJECT INFORMATION: TM Quote #:					
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- Contact:				Sudbury, ON F																-	ent Projec			
mail:				Mark Boo		* L. 24	Co	ontact													int Projec	. #:		
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