



**TESTMARK Laboratories Ltd.**

Committed to Quality and Service

## CERTIFICATE OF ANALYSIS

Client: Mark Bocy  
Company: RDSB - Queen Elizabeth II Public School  
Address: 69 Young St  
Sudbury, ON, P3E 3G5  
Phone/Fax: (705) 674-3171 / (706) 761-2442  
Email: bocym@rainbowschools.ca

Work Order Number: 346950  
PO #:   
Regulation: O.Reg. 243/07  
Project #:   
DWS #: 500045969  
Sampled By: Mark Bocy

Date Order Received: 6/15/2018  
Arrival Temperature: 19 °C

Analysis Started: 6/19/2018  
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	Type	Comments	Date Collected	Time Collected
T Stage Ig (Standing)	1352084	Water	Plumbing		6/15/2018	7:00 AM
T Stage Ig (Flushed)	1352085	Water	Plumbing		6/15/2018	7:35 AM
F 104 (A) S	1352086	Water	Plumbing		6/15/2018	7:10 AM
F 104 (A) F	1352087	Water	Plumbing		6/15/2018	7:45 AM
T 116 S	1352088	Water	Plumbing		6/15/2018	7:20 AM
T 116 F	1352089	Water	Plumbing		6/15/2018	7:55 AM
F gym S	1352090	Water	Plumbing		6/15/2018	7:30 AM
F gym F	1352091	Water	Plumbing		6/15/2018	8:05 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



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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	T Stage lg (Standing)		T Stage lg (Flushed)		F 104 (A) S		F 104 (A) F			
Lab ID	1352084		1352085		1352086		1352087			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	0.5	0.1	<0.1	0.1	2.13	0.1	0.16	0.1	ug/L	10

  

Sample Description	T 116 S		T 116 F		F gym S		F gym F			
Lab ID	1352088		1352089		1352090		1352091			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	0.62	0.1	0.11	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.



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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.

<b>Metals</b>							
<b>Reference Sample: CRM-12 (EP-L-3) (12)</b>							
Parameter	MDL	Units	LCL	Result	UCL	QAQCID	
Lead	N/A	ug/L	3.65	3.8	4.35	20180620.R13.1G	
Lead	N/A	ug/L	3.65	3.7	4.35	20180620.R13.1H	
<b>Sample Spike: LFMS-10 (N 100 µg/L) (10)</b>							
Parameter	MDL	Units	LCL	Result	UCL	QAQCID	
Lead	N/A	% Rec	70	114	130	20180620.R13.1H	
Lead	N/A	% Rec	70	88.2	130	20180620.R13.1G	
<b>Method Blank: LRB-6 (Blank- µg/L) (6)</b>							
Parameter	MDL	Units	LCL	Result	UCL	QAQCID	
Lead	1	ug/L	0	<1	1	20180620.R13.1G	
Lead	1	ug/L	0	<1	1	20180620.R13.1H	
<b>Positive Control: LFB-7 (N 100 µg/L) (7)</b>							
Parameter	MDL	Units	LCL	Result	UCL	QAQCID	
Lead	N/A	%	80	85.7	120	20180620.R13.1H	
Lead	N/A	%	80	88.6	120	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 104 (A) F	1352087	ICPMS Reg. Water (R13.1)	20180620.R13.1H	20180619.A52V
F 104 (A) S	1352086	ICPMS Reg. Water (R13.1)	20180620.R13.1H	20180619.A52V
F gym F	1352091	ICPMS Reg. Water (R13.1)	20180620.R13.1H	20180619.A52V
F gym S	1352090	ICPMS Reg. Water (R13.1)	20180620.R13.1H	20180619.A52V
T 116 F	1352089	ICPMS Reg. Water (R13.1)	20180620.R13.1H	20180619.A52V
T 116 S	1352088	ICPMS Reg. Water (R13.1)	20180620.R13.1H	20180619.A52V
T Stage Ig (Flushed)	1352085	ICPMS Reg. Water (R13.1)	20180620.R13.1G	20180619.A52U
T Stage Ig (Standing)	1352084	ICPMS Reg. Water (R13.1)	20180620.R13.1G	20180619.A52U

**DRINKING WATER CHAIN OF CUSTODY FORM**

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

<b>REPORT TO:</b>			<b>INVOICE TO: (if different from Report)</b>			<b>PROJECT INFORMATION:</b>			
Client: <u>RDSB - Queen Elizabeth II P.S.</u>			Client: _____			TM Quote #: _____			
Address: <u>32 Dell Street</u>			Address: _____			Client P.O. #: _____			
<u>Sudbury, ON P3C 2X8</u>			Contact: _____			Client Project #: _____			
Contact: <u>Mark Bocy</u>			Email: _____			_____			
Email: <u>bocym@rainbowschools.ca; lavallm@rainbowschools.ca</u>			Phone: _____			_____			
Phone: <u>705-674-3171</u> Fax: _____			Fax: _____			_____			
<b>REPORTING/INVOICING FORMAT</b>		<b>TURN AROUND TIME (TAT)*</b>		<b>ANALYSIS REQUESTED</b>				<b>LABORATORY USE ONLY</b>	
<input type="checkbox"/> Fax <input checked="" type="checkbox"/> Email <input type="checkbox"/> Mail <b>QC DATA REPORTED</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> 1 Business Day <input type="checkbox"/> 2 Business Days <input type="checkbox"/> 3 Business Days <input checked="" type="checkbox"/> Standard							
<b>SAMPLE DISPOSAL</b>		<b>SPECIFIC DATE:</b> <u>Monday</u>		<b>Resample (Yes or No?)</b>				<b>Residual Chlorine</b>	
<input type="checkbox"/> Hold <input checked="" type="checkbox"/> Dispose <input type="checkbox"/> Return		* Prior arrangements must be made for rush/weekend/holiday work							
<b>SAMPLING</b>		<b>SAMPLE DESCRIPTION</b>		<b>Water Trax # (if appl)</b>		<b>Free</b>		<b>Total</b>	
DATE (mm-dd-yy)	TIME	Type**							
		R T D P							
<u>6-15-18</u>	<u>7</u>				X				
<u>6-15-18</u>	<u>7:35</u>				X				
<u>6-15-18</u>	<u>7:10</u>				X				
<u>6-15-18</u>	<u>7:45</u>				X				
<u>6-15-18</u>	<u>7:20</u>				X				
<u>6-15-18</u>	<u>7:55</u>				X				
<u>6-15-18</u>	<u>7:10</u>				X				
<u>6-15-18</u>	<u>8:05</u>				X				
**Type: R=Raw, T=Entry/Treated, D=Distribution, P=Plumbing (O.REG. 170 / O.REG. 318 / 319 / O.REG. 243)									
<b>Adverse and Exceedance Notification Information:</b>					<b>REGULATION</b>				
Name: <u>Mark Bocy</u> Cell: <u>705-690-0323</u>					Waterworks # <u>500045969</u> <input type="checkbox"/> O. REG. 170 <input type="checkbox"/> O. REG. 318/319				
Phone: <u>705-671-3174 x 7231</u> Fax: <u>705-761-2442</u>					<input checked="" type="checkbox"/> O. REG. 243 <input type="checkbox"/> ODWS				
<b>COMMENTS/FIELD NOTES:</b>					LSN Form Submitted to MOE/PHU? <input type="checkbox"/> Not Applicable <input type="checkbox"/> Yes <input type="checkbox"/> No				
					Are these water samples for human consumption? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No				
<b>ESTIMATED STANDING TIME:</b>					Are the results reportable as per O. REG. 170/318/319? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				
					O. REG. 170/318/319 Only: Phone: <u>705-522-9200</u>				
Sampled By (Print and Sign) <u>Mark Bocy</u> Date <u>2018-6-15</u> Time _____ Received By (Print and Sign) _____ Date _____ Time _____					Public Health Unit: <u>SDHU</u> Phone: <u>705-677-9607</u>				
					Relinquished to Testmark By (Signature) <u>Mark Bocy</u> Date <u>2018-6-15</u> Time <u>9:17</u>				
Shipped By <u>Hand</u> Shipping Reference _____ Received at Testmark By <u>Hand</u> Date <u>06/18/18</u> Time <u>9:18</u>									

7 Margaret Street, Garson, ON, P3L 1E1 • 705-693-1121 (P) • 705-693-1124 (F) • customer.service@testmark.ca  
 100 Wilson Ave., Suite 102, Timmins, ON, P4N 2S9 • 705-531-1125 (P) • 705-531-1125 (F) • timmins@testmark.ca  
 6820 Kitimat Road Unit #1, Mississauga, ON, L5N 5M3 • 905-821-1125 (P) • 905-821-1125 (F) • csr-mississauga@testmark.ca

\*\*\* Please contact Customer Service for assistance with collection procedures for Schedule 15.1 testing.

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

**CONFIRMATION REPORT**  
**SENT**