



**TESTMARK Laboratories Ltd.**

Committed to Quality and Service

## CERTIFICATE OF ANALYSIS

Client: Mark Bocy  
Company: RDSB - Adamsdale Public School  
Address: 181 First Ave  
Sudbury, ON, P3B 3L3  
Phone/Fax: (705) 690-0323 / (705) 671-2442  
Email: bocym@rainbowschools.ca

Work Order Number: 345622  
PO #: 706LW1736503  
Regulation: O.Reg. 243/07  
Project #: 500039131  
DWS #: 500039131  
Sampled By: Mike Lavallee

Date Order Received: 6/4/2018  
Arrival Temperature: 6 °C

Analysis Started: 6/7/2018  
Analysis Completed: 6/8/2018

### 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
101-F-01(S)	1103251	Water	Plumbing		6/2/2018	7:39 AM
101-F-01(F)	1103252	Water	Plumbing		6/2/2018	8:14 AM
101-B/F-01(S)	1103253	Water	Plumbing		6/2/2018	7:39 AM
101-B/F-01(F)	1103254	Water	Plumbing		6/2/2018	8:14 AM
101-T-01(S)	1103255	Water	Plumbing		6/2/2018	7:54 AM
101-T-01(F)	1103256	Water	Plumbing		6/2/2018	8:29 AM
101-F-02(S)	1103257	Water	Plumbing		6/2/2018	7:37 AM
101-F-02(F)	1103258	Water	Plumbing		6/2/2018	8:12 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

### REPORT COMMENTS

WATER STANDING IN EXCESS OF 6:00 HRS



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RDSB - Adamsdale Public School

Work Order Number: 345622

This report has been approved by:

Khaled Omari, Ph.D.  
Laboratory Director



### CERTIFICATE OF ANALYSIS

RDSB - Adamsdale Public School

Work Order Number: 345622

#### WORK ORDER RESULTS

Sample Description	101 - F - 01(S)		101 - F - 01(F)		101 - B/F - 01(S)		101 - B/F - 01(F)		Units	Criteria: O.Reg. 243/07
Lab ID	1103251		1103252		1103253		1103254			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL		
Lead	0.35	0.1	0.26	0.1	<0.1	0.1	0.11	0.1	ug/L	10

  

Sample Description	101 - T - 01(S)		101 - T - 01(F)		101 - F - 02(S)		101 - F - 02(F)		Units	Criteria: O.Reg. 243/07
Lab ID	1103255		1103256		1103257		1103258			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL		
Lead	0.12	0.1	0.11	0.1	0.72	0.1	0.23 [0.23]	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.



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## CERTIFICATE OF ANALYSIS

Client: Mark Bocy  
Company: RDSB - Alexander Public School  
Address: 39 Brendan  
Sudbury, ON, P3E 1K3  
Phone/Fax: (705) 674-3171 / (705) 761-2442  
Email: bocym@rainbowschools.ca

Work Order Number: 346914  
PO #:   
Regulation: O.Reg. 243/07  
Project #:   
DWS #: 500046021  
Sampled By: Mark Bocy

Date Order Received: 6/15/2018  
Arrival Temperature: 8 °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
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



### CERTIFICATE OF ANALYSIS

RDSB - Alexander Public School

Work Order Number: 346914

#### WORK ORDER RESULTS

Sample Description	F2 (Standing)		F2 (Flushed)		F gym S		F gym F			
Lab ID	1351836		1351837		1351838		1351839			
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	F19 S		F19 F			
Lab ID	1351840		1351841			
Metals	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	<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.

[ ]: 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.



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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-12 (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 (Blank- 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 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