



## CERTIFICATE OF ANALYSIS

Client:	Mark Bocy	Work Order Number:	375505
Company:	RDSB - Sudbury Secondary School	PO #:	
Address:	69 Young St Sudbury, ON, P3E 3G5	Regulation:	O.Reg. 243/07
Phone/Fax:	(705) 690-0323 / (705) 671-2442	Project #:	
Email:	bocym@rainbowschools.ca	DWS #:	500045930
		Sampled By:	Mark Bocy
Date Order Received:	6/18/2019	Analysis Started:	6/23/2019
Arrival Temperature:	21 °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
F138 (STANDING)	1449666	Water	Plumbing		6/18/2019	6:30 AM
F138 (FLUSHED)	1449667	Water	Plumbing		6/18/2019	7:05 AM
T016R S	1449668	Water	Plumbing		6/18/2019	6:40 AM
T016R F	1449669	Water	Plumbing		6/18/2019	7:15 AM
T023L S	1449670	Water	Plumbing		6/18/2019	6:50 AM
T023L F	1449671	Water	Plumbing		6/18/2019	7:25 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:

Mark Charbonneau, Ph.D.  
Laboratory Director



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### WORK ORDER RESULTS

Sample Description	F138 (STANDING)		F138 (FLUSHED)		T016R S		T016R F		Units	Criteria: O.Reg. 243/07
Lab ID	1449666		1449667		1449668		1449669			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL		
Lead	<0.1	0.1	<0.1	0.1	<0.1	0.1	0.1	0.1	ug/L	10

Sample Description	T023L S		T023L F		Units	Criteria: O.Reg. 243/07
Lab ID	1449670		1449671			
Metals	Result	MDL	Result	MDL		
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.

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.A13.1L

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	%	80	85.9	120	20190624.A13.1L

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

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

##### Sample Spike: LFMS-9 (N 100 µg/L) (9)

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	% Rec	70	88.2	130	20190624.A13.1L

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

Sample Description	Lab ID	Method	QAQCID	Prep QAQCID
F138 (FLUSHED)	1449667	ICPMS Reg. Water (A13)	20190624.A13.1L	20190623.A52C
F138 (STANDING)	1449666	ICPMS Reg. Water (A13)	20190624.A13.1L	20190623.A52C
T016R F	1449669	ICPMS Reg. Water (A13)	20190624.A13.1L	20190623.A52C
T016R S	1449668	ICPMS Reg. Water (A13)	20190624.A13.1L	20190623.A52C
T023L F	1449671	ICPMS Reg. Water (A13)	20190624.A13.1L	20190623.A52C
T023L S	1449670	ICPMS Reg. Water (A13)	20190624.A13.1L	20190623.A52C