



**TESTMARK Laboratories Ltd.**

Committed to Quality and Service

## CERTIFICATE OF ANALYSIS

Client:	Mark Bocy	Work Order Number:	379020
Company:	RDSB - R.L. Beattie Public 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 #:	500040366
		Sampled By:	Mark Bocy
Date Order Received:	7/31/2019	Analysis Started:	8/2/2019
Arrival Temperature:	23 °C	Analysis Completed:	8/6/2019

### 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
T204 (STANDING)	1462418	Water	Plumbing		7/31/2019	6:30 AM
T204 (FLUSHED)	1462419	Water	Plumbing		7/31/2019	7:05 AM
F204R S	1462420	Water	Plumbing		7/31/2019	6:40 AM
F204R F	1462421	Water	Plumbing		7/31/2019	7:15 AM
F128R S	1462422	Water	Plumbing		7/31/2019	7:00 AM
F128R F	1462423	Water	Plumbing		7/31/2019	7:35 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

### REPORT COMMENTS

ESTIMATED STANDING TIME: 14 HOURS



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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	T204 (STANDING)		T204 (FLUSHED)		F204R S		F204R F			
Sample Date	07/31/2019		07/31/2019		07/31/2019		07/31/2019			
Lab ID	1462418		1462419		1462420		1462421			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	0.1	0.1	<0.1	0.1	0.3	0.1	0.2	0.1	ug/L	10

  

Sample Description	F128R S		F128R F			
Sample Date	07/31/2019		07/31/2019			
Lab ID	1462422		1462423			
Metals	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	0.3	0.1	0.2	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) (6)

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	1	ug/L	0	<1	1	20190806.A13.1B

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	%	80	83.5	120	20190806.A13.1B

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	1	ug/L	2.64	3.56	5.44	20190806.A13.1B

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	% Rec	70	87.8	130	20190806.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
F128R F	1462423	ICPMS Reg. Water (A13)	20190806.A13.1B	20190802.A52M
F128R S	1462422	ICPMS Reg. Water (A13)	20190806.A13.1B	20190802.A52M
F204R F	1462421	ICPMS Reg. Water (A13)	20190806.A13.1B	20190802.A52M
F204R S	1462420	ICPMS Reg. Water (A13)	20190806.A13.1B	20190802.A52M
T204 (FLUSHED)	1462419	ICPMS Reg. Water (A13)	20190806.A13.1B	20190802.A52M
T204 (STANDING)	1462418	ICPMS Reg. Water (A13)	20190806.A13.1B	20190802.A52M