



CERTIFICATE OF ANALYSIS

Client: Lisa Polano
Company: RDSB - MacLeod P.S.
Address: 23 Walford Road
Sudbury, ON, P3E 2H2
Phone:
Email: polanol@rainbowschools.ca

Work Order Number: 376299
PO #:
Regulation: O.Reg. 243/07
Project #:
DWS #: 500045956
Sampled By: Bill Desjardin

Date Order Received: 6/28/2019
Arrival Temperature: 6 °C

Analysis Started: 7/5/2019
Analysis Completed: 7/8/2019

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
Standing - F - 318	1452947	Water	Plumbing		6/27/2019	6:30 AM
Flushed - F - 318	1452948	Water	Plumbing		6/27/2019	7:05 AM
St. F - 212	1452949	Water	Plumbing		6/27/2019	6:35 AM
Fl. F - 212	1452950	Water	Plumbing		6/27/2019	7:10 AM
St. F - 221	1452951	Water	Plumbing		6/27/2019	6:40 AM
Fl. F - 221	1452952	Water	Plumbing		6/27/2019	7:15 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

CERTIFICATE OF ANALYSIS

RDSB - MacLeod P.S.

Work Order Number: 376299

This report has been approved by:

Mark Charbonneau, Ph.D.

Laboratory Director



CERTIFICATE OF ANALYSIS

RDSB - MacLeod P.S.

Work Order Number: 376299

WORK ORDER RESULTS

Sample Description	Standing - F - 318		Flushed - F - 318		St. F - 212		Fl. F - 212		Units	Criteria: O.Reg. 243/07
Lab ID	1452947		1452948		1452949		1452950			
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	St. F - 221		Fl. F - 221		Units	Criteria: O.Reg. 243/07
Lab ID	1452951		1452952			
Metals	Result	MDL	Result	MDL		
Lead	0.3	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.



CERTIFICATE OF ANALYSIS

RDSB - MacLeod P.S.

Work Order Number: 376299

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	20190708.A13.1E

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	%	80	92.3	120	20190708.A13.1E

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	1	ug/L	3.65	3.79	4.35	20190708.A13.1E

Sample Spike: LFMS-9 (N 100 µg/L) (9)

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	% Rec	70	95.5	130	20190708.A13.1E

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

Sample Description	Lab ID	Method	QAQCID	Prep QAQCID
Fl. F - 212	1452950	ICPMS Reg. Water (A13)	20190708.A13.1E	20190705.A52G
Fl. F - 221	1452952	ICPMS Reg. Water (A13)	20190708.A13.1E	20190705.A52G
Flushed - F - 318	1452948	ICPMS Reg. Water (A13)	20190708.A13.1E	20190705.A52G
St. F - 212	1452949	ICPMS Reg. Water (A13)	20190708.A13.1E	20190705.A52G
St. F - 221	1452951	ICPMS Reg. Water (A13)	20190708.A13.1E	20190705.A52G
Standing - F - 318	1452947	ICPMS Reg. Water (A13)	20190708.A13.1E	20190705.A52G