



CERTIFICATE OF ANALYSIS

Client: Lisa Polano
Company: RDSB - Lansdowne Public School
Address: 69 Young St
Sudbury, ON, P3E 3G5
Phone/Fax: (705) 674-3171 / (705) 761-2442
Email: polanol@rainbowschools.ca

Work Order Number: 376285
PO #:
Regulation: O.Reg. 243/07
Project #:
DWS #: 500045878
Sampled By: Josie Barnes

Date Order Received: 6/26/2019
Arrival Temperature: 18 °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-BS 203	1452913	Water	Plumbing		6/25/2019	6:30 AM
FLUSHED-F-BS-203	1452914	Water	Plumbing		6/25/2019	7:05 AM
STN 203-FOUNT	1452915	Water	Plumbing		6/25/2019	6:35 AM
FLUS 203-FOUNT	1452916	Water	Plumbing		6/25/2019	7:10 AM
STN F003-F	1452917	Water	Plumbing		6/25/2019	6:40 AM
FLUSH F003-F	1452918	Water	Plumbing		6/25/2019	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 - Lansdowne Public School

Work Order Number: 376285

This report has been approved by:

Mark Charbonneau, Ph.D.
Laboratory Director



CERTIFICATE OF ANALYSIS

RDSB - Lansdowne Public School

Work Order Number: 376285

WORK ORDER RESULTS

Sample Description	STANDING - F - BS 203		FLUSHED - F - BS - 203		STN 203 - FOUNT		FLUS 203 - FOUNT			
Lab ID	1452913		1452914		1452915		1452916			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	<0.1	0.1	<0.1	0.1	<0.1 [<0.1]	0.1	<0.1	0.1	ug/L	10

Sample Description	STN F003 - F		FLUSH F003 - F			
Lab ID	1452917		1452918			
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.

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 - Lansdowne Public School

Work Order Number: 376285

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.A13.1B
Lead	1	ug/L	0	<1	1	20190708.A13.1C

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	%	80	93.1	120	20190708.A13.1C
Lead	N/A	%	80	93.4	120	20190708.A13.1B

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	1	ug/L	3.65	3.81	4.35	20190708.A13.1B
Lead	1	ug/L	3.65	3.84	4.35	20190708.A13.1C

Sample Replicate: % RPD (4)

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	%	0	0	20	20190708.A13.1C

Sample Spike: LFMS-9 (N 100 µg/L) (9)

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	% Rec	70	91.6	130	20190708.A13.1C
Lead	N/A	% Rec	70	96.5	130	20190708.A13.1B



CERTIFICATE OF ANALYSIS

RDSB - Lansdowne Public School

Work Order Number: 376285

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

Sample Description	Lab ID	Method	QAQCID	Prep QAQCID
FLUS 203 - FOUNT	1452916	ICPMS Reg. Water (A13)	20190708.A13.1B	20190705.A52D
FLUSH F003 - F	1452918	ICPMS Reg. Water (A13)	20190708.A13.1B	20190705.A52D
FLUSHED - F - BS - 203	1452914	ICPMS Reg. Water (A13)	20190708.A13.1C	20190705.A52C
STANDING - F - BS 203	1452913	ICPMS Reg. Water (A13)	20190708.A13.1C	20190705.A52C
STN 203 - FOUNT	1452915	ICPMS Reg. Water (A13)	20190708.A13.1B	20190705.A52D
STN 203 - FOUNT	1452915r	ICPMS Reg. Water (A13)	20190708.A13.1B	20190705.A52D
STN F003 - F	1452917	ICPMS Reg. Water (A13)	20190708.A13.1B	20190705.A52D