



TESTMARK Laboratories Ltd.

Committed to Quality and Service

CERTIFICATE OF ANALYSIS

Client:	Steve McCulloch	Work Order Number:	499875
Company:	RDSB - R.H. Murray Public School	PO #:	
Address:	408 Wembley Drive Sudbury, ON, P3E 1P2	Regulation:	O.Reg. 243/07
Phone/Fax:	(705) 674-3171 / (705) 671-2442	Project #:	
Email:	mcculls@rainbowschools.ca	DWS #:	500046060
		Sampled By:	Steve McCulloch
Date Order Received:	5/23/2023	Analysis Started:	5/24/2023
Arrival Temperature:	-2 °C	Analysis Completed:	5/25/2023

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-FU1	1882878	Water	Plumbing		5/21/2023	5:30 PM
Flushed-FU1	1882879	Water	Plumbing		5/21/2023	6:05 PM
Standing-S21B	1882880	Water	Plumbing		5/21/2023	5:35 PM
Flushed-S21B	1882881	Water	Plumbing		5/21/2023	6:10 PM
Standing-S1	1882882	Water	Plumbing		5/21/2023	5:40 PM
Flushed-S1	1882883	Water	Plumbing		5/21/2023	6:15 PM

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 - R.H. Murray Public School

Work Order Number: 499875

This report has been approved by:

Brad Halvorson, B.Sc.

Laboratory Director



CERTIFICATE OF ANALYSIS

RDSB - R.H. Murray Public School

Work Order Number: 499875

WORK ORDER RESULTS

Sample Description	Standing - FU1		Flushed - FU1		Standing - S21B		Flushed - S21B			
Sample Date	5/21/2023 5:30 PM		5/21/2023 6:05 PM		5/21/2023 5:35 PM		5/21/2023 6:10 PM			
Lab ID	1882878		1882879		1882880		1882881			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	0.4	0.1	0.1	0.1	0.5	0.1	0.1	0.1	ug/L	10
Sample Description	Standing - S1		Flushed - S1							
Sample Date	5/21/2023 5:40 PM		5/21/2023 6:15 PM							
Lab ID	1882882		1882883							
Metals	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07				
Lead	0.5	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.

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. Results apply to the sample(s) as received.

Reproduction of Report: Report shall not be reproduced, except in full, without the approval of Testmark Laboratories Ltd.

ICPMS Dustfall Insoluble: The ICPMS Dustfall Insoluble Portion method analyzes only the particulate matter from the Dustfall Sampler which is retained on the analysis filter during the Dustfall method.

Regulation Comparisons: Disclaimer: Please note that regulation criteria are provided for comparative purposes, however the onus on ensuring the validity of this comparison rests with the client.



CERTIFICATE OF ANALYSIS

RDSB - R.H. Murray Public School

Work Order Number: 499875

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	0.1	ug/L	0	<0.1	0.3	20230525.A13.1F

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	%	85	98.5	115	20230525.A13.1F

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	1	ug/L	2.58	3.92	5.38	20230525.A13.1F

Sample Spike: LFMS-9 (N 100 µg/L) (9)

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	% Rec	70	103	130	20230525.A13.1F

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

Sample Description	Lab ID	Method	QAQCID	Prep QAQCID
Flushed - FU1	1882879	ICPMS Reg. Water (A13)	20230525.A13.1F	20230524.A52ZI
Flushed - S1	1882883	ICPMS Reg. Water (A13)	20230525.A13.1F	20230524.A52ZI
Flushed - S21B	1882881	ICPMS Reg. Water (A13)	20230525.A13.1F	20230524.A52ZI
Standing - FU1	1882878	ICPMS Reg. Water (A13)	20230525.A13.1F	20230524.A52ZI
Standing - S1	1882882	ICPMS Reg. Water (A13)	20230525.A13.1F	20230524.A52ZI
Standing - S21B	1882880	ICPMS Reg. Water (A13)	20230525.A13.1F	20230524.A52ZI