



## CERTIFICATE OF ANALYSIS

Client:	Lisa Polano	Work Order Number:	464283
Company:	RDSB - Chelmsford S.S.	PO #:	
Address:	408 Wembley Drive Sudbury, ON, P3E 1P2	Regulation:	O.Reg. 243/07
Phone/Fax:	(705) 690-5929 / (705) 671-2442	Project #:	
Email:	polanol@rainbowschools.ca	DWS #:	500045748
		Sampled By:	Lisa Polano
Date Order Received:	5/30/2022	Analysis Started:	6/1/2022
Arrival Temperature:	7 °C	Analysis Completed:	6/1/2022

### 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- S-4 Rm 203	1758903	Water	Plumbing		5/30/2022	6:00 AM
Flushed- S-4 Rm 203	1758904	Water	Plumbing		5/30/2022	6:35 AM
Standing- S-7 Rm 116	1758905	Water	Plumbing		5/30/2022	6:05 AM
Flushed- S-7 Rm 116	1758906	Water	Plumbing		5/30/2022	6:40 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 - Chelmsford S.S.

Work Order Number: 464283

This report has been approved by:

Mahesh Patel, B.Sc.  
Laboratory Director



## CERTIFICATE OF ANALYSIS

RDSB - Chelmsford S.S.

Work Order Number: 464283

### WORK ORDER RESULTS

Sample Description	Standing - S - 4 Rm 203		Flushed - S - 4 Rm 203		Standing - S - 7 Rm 116		Flushed - S - 7 Rm 116			
Sample Date	5/30/2022 6:00 AM		5/30/2022 6:35 AM		5/30/2022 6:05 AM		5/30/2022 6:40 AM			
Lab ID	1758903		1758904		1758905		1758906			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	1.7	0.1	1.0 [1.0]	0.1	0.1	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.

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.



## CERTIFICATE OF ANALYSIS

RDSB - Chelmsford S.S.

Work Order Number: 464283

### 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	1	20220601.A13.1B
Lead	0.1	ug/L	0	<0.1	1	20220601.A13.1D

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	%	80	98.7	120	20220601.A13.1D
Lead	N/A	%	80	98.8	120	20220601.A13.1B

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	1	ug/L	2.58	4	5.38	20220601.A13.1D
Lead	1	ug/L	2.58	4.04	5.38	20220601.A13.1B

##### Sample Replicate: % RPD (4)

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	%	0	0	20	20220601.A13.1B

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	% Rec	70	90.1	130	20220601.A13.1D
Lead	N/A	% Rec	70	93.8	130	20220601.A13.1B



## CERTIFICATE OF ANALYSIS

RDSB - Chelmsford S.S.

Work Order Number: 464283

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 - S - 4 Rm 203	1758904	ICPMS Reg. Water (A13)	20220601.A13.1B	20220531.A52ZO
Flushed - S - 4 Rm 203	1758904r	ICPMS Reg. Water (A13)	20220601.A13.1B	20220531.A52ZO
Flushed - S - 7 Rm 116	1758906	ICPMS Reg. Water (A13)	20220601.A13.1D	20220531.A52ZP
Flushed - S - 7 Rm 116	1758906r	ICPMS Reg. Water (A13)	20220601.A13.1D	20220531.A52ZP
Standing - S - 4 Rm 203	1758903	ICPMS Reg. Water (A13)	20220601.A13.1B	20220531.A52ZO
Standing - S - 7 Rm 116	1758905	ICPMS Reg. Water (A13)	20220601.A13.1D	20220531.A52ZP