



CERTIFICATE OF ANALYSIS

Client:	Mike Lavallee	Work Order Number:	317143
Company:	RDSB - Northeastern S.S. Elementary School	PO #:	706LW1736503
Address:	Prog. 69 Young St Sudbury, ON, P3E 3G5	Regulation:	O.Reg. 243/07
Phone/Fax:	(705) 929-4787 / (705) 761-2442	Project #:	
Email:	lavallm@rainbowschools.ca	DWS #:	500045826
		Sampled By:	Mike Lavallee
Date Order Received:	9/25/2017	Analysis Started:	10/2/2017
Arrival Temperature:	12 °C	Analysis Completed:	10/3/2017

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
144-T-001 S	916975	Treated Water	Plumbing	SAMPLE CONTAINED RESULT EXCEEDENCES.	9/23/2017	3:00 PM
144-T-001 F	916976	Treated Water	Plumbing		9/23/2017	3:35 PM
144-T002 S	916977	Treated Water	Plumbing		9/23/2017	3:05 PM
144-T-002 F	916978	Treated Water	Plumbing		9/23/2017	3:40 PM
144-T-003 S	916979	Treated Water	Plumbing		9/23/2017	3:10 PM
144-T-003 F	916980	Treated Water	Plumbing		9/23/2017	3:45 PM
144-T-004 S	916981	Treated Water	Plumbing		9/23/2017	3:12 PM
144-T-004 F	916982	Treated Water	Plumbing		9/23/2017	3:47 PM
144-T-005 S	916983	Treated Water	Plumbing		9/23/2017	3:20 PM
144-T-005 S	916984	Treated Water	Plumbing		9/23/2017	3:55 PM

METHODS AND INSTRUMENTATION

THE FOLLOWING METHODS WERE USED FOR YOUR SAMPLE(S):

Method	Lab	Description	Reference
ICPMS Reg. Water (R13.1)	Garson	Determination of Metals in Water by ICP/MS	Based on SW846-6020A



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Committed to Quality and Service

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REPORT COMMENTS

Lead exceedance reported for sample 916975. 10/03/17 JC
STANDING: in excess of 6 hrs
SAMPLE TAKEN FROM: room 36, rm 129, 107 day care, 109 hub, 220

This report has been approved by:

Khaled Omari, Ph.D.

Laboratory Director



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WORK ORDER RESULTS

Sample Description	144 - T - 001 S		144 - T - 001 F		144 - T002 S		144 - T - 002 F			
Lab ID	916975		916976		916977		916978			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	17.3	0.1	7.07	0.1	1.33	0.1	0.6	0.1	ug/L	10

Sample Description	144 - T - 003 S		144 - T - 003 F		144 - T - 004 S		144 - T - 004 F			
Lab ID	916979		916980		916981		916982			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	0.14	0.1	<0.1	0.1	0.21	0.1	<0.1	0.1	ug/L	10

Sample Description	144 - T - 005 S		144 - T - 005 S			
Lab ID	916983		916984			
Metals	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	0.82	0.1	0.32	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.



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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							
%RPD							
Parameter	MDL	Units	LCL	Result	UCL	QAQCID	
Lead	N/A	%	0	0.6	20	20171002.R13-5o1	
Method Blank							
Parameter	MDL	Units	LCL	Result	UCL	QAQCID	
Lead	1	ug/L	0	<1	1	20171002.R13-5o1	
Positive Control							
Parameter	MDL	Units	LCL	Result	UCL	QAQCID	
Lead	N/A	%	80	93.3	120	20171002.R13-5o1	
Reference Sample							
Parameter	MDL	Units	LCL	Result	UCL	QAQCID	
Lead	N/A	% Rec	80	99	120	20171002.R13-5o1	
Sample Spike							
Parameter	MDL	Units	LCL	Result	UCL	QAQCID	
Lead	N/A	% Rec	70	96.6	130	20171002.R13-5o1	



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

Sample Description	Lab ID	Method	QAQCID	Prep QAQCID
144 - T - 001 F	916976	ICPMS Reg. Water (R13.1)	20171002.R13-5o1	20171002.A52H
144 - T - 001 S	916975	ICPMS Reg. Water (R13.1)	20171002.R13-5o1	20171002.A52H
144 - T - 002 F	916978	ICPMS Reg. Water (R13.1)	20171002.R13-5o1	20171002.A52H
144 - T - 003 F	916980	ICPMS Reg. Water (R13.1)	20171002.R13-5o1	20171002.A52H
144 - T - 003 S	916979	ICPMS Reg. Water (R13.1)	20171002.R13-5o1	20171002.A52H
144 - T - 004 F	916982	ICPMS Reg. Water (R13.1)	20171002.R13-5o1	20171002.A52H
144 - T - 004 S	916981	ICPMS Reg. Water (R13.1)	20171002.R13-5o1	20171002.A52H
144 - T - 005 S	916983	ICPMS Reg. Water (R13.1)	20171002.R13-5o1	20171002.A52H
144 - T - 005 S	916984	ICPMS Reg. Water (R13.1)	20171002.R13-5o1	20171002.A52H
144 - T002 S	916977	ICPMS Reg. Water (R13.1)	20171002.R13-5o1	20171002.A52H