



CERTIFICATE OF ANALYSIS

Client: Mark Bocy
Company: RDSB - Lasalle Secondary School
Address: 69 Young St
Sudbury, ON, P3E 3G5
Phone/Fax: (705) 690-0323 / (705) 671-2442
Email: bocym@rainbowschools.ca

Work Order Number: 317146
PO #: 706LW1736503
Regulation: O.Reg. 243/07
Project #:
DWS #: 500045995
Sampled By: Mike Lavallee

Date Order Received: 9/25/2017
Arrival Temperature: 12 °C

Analysis Started: 10/1/2017
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
308-T-001 S	917004	Treated Water	Plumbing		9/23/2017	9:00 AM
308-T-001 F	917005	Treated Water	Plumbing		9/23/2017	9:35 AM
308-T-002 S	917006	Treated Water	Plumbing		9/23/2017	9:02 AM
308-T-002 F	917007	Treated Water	Plumbing		9/23/2017	9:37 AM
308-T-006 S	917008	Treated Water	Plumbing		9/23/2017	9:15 AM
308-T-006 F	917009	Treated Water	Plumbing		9/23/2017	9:50 AM
308-T-007 S	917010	Treated Water	Plumbing		9/23/2017	9:17 AM
308-T-007 F	917011	Treated Water	Plumbing		9/23/2017	9:52 AM
308-T-008 S	917012	Treated Water	Plumbing		9/23/2017	9:19 AM
308-T-008 F	917013	Treated Water	Plumbing		9/23/2017	9:54 AM
308-T-009 S	917014	Treated Water	Plumbing		9/23/2017	9:21 AM
308-T-009 F	917015	Treated Water	Plumbing		9/23/2017	9:56 AM

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



TESTMARK Laboratories Ltd.

Committed to Quality and Service

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REPORT COMMENTS

STANDING: in excess of 6hrs
SAMPLE TAKEN FROM ROOM 100, ROOM 213

This report has been approved by:

Khaled Omari, Ph.D.

Laboratory Director



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WORK ORDER RESULTS

Sample Description	308 - T - 001 S		308 - T - 001 F		308 - T - 002 S		308 - T - 002 F			
Lab ID	917004		917005		917006		917007			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	0.39	0.1	0.13	0.1	1.2	0.1	0.2	0.1	ug/L	10
Sample Description	308 - T - 006 S		308 - T - 006 F		308 - T - 007 S		308 - T - 007 F			
Lab ID	917008		917009		917010		917011			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	1.22	0.1	0.32	0.1	1.34	0.1	0.48	0.1	ug/L	10
Sample Description	308 - T - 008 S		308 - T - 008 F		308 - T - 009 S		308 - T - 009 F			
Lab ID	917012		917013		917014		917015			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	5.61 [5.64]	0.1	1.89	0.1	0.26	0.1	0.55	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.



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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	0.5	20	20171001.R13-6o3	
Lead	N/A	%	0	0.6	20	20171001.R13-6o3	
Method Blank							
Parameter	MDL	Units	LCL	Result	UCL	QAQCID	
Lead	1	ug/L	0	<1	1	20171001.R13-6o3	
Lead	1	ug/L	0	<1	1	20171001.R13-6o4	
Positive Control							
Parameter	MDL	Units	LCL	Result	UCL	QAQCID	
Lead	N/A	%	80	101	120	20171001.R13-6o3	
Lead	N/A	%	80	101	120	20171001.R13-6o4	
Reference Sample							
Parameter	MDL	Units	LCL	Result	UCL	QAQCID	
Lead	N/A	% Rec	80	101	120	20171001.R13-6o4	
Lead	N/A	% Rec	80	99.6	120	20171001.R13-6o3	
Sample Spike							
Parameter	MDL	Units	LCL	Result	UCL	QAQCID	
Lead	N/A	% Rec	70	87.1	130	20171001.R13-6o3	
Lead	N/A	% Rec	70	87.7	130	20171001.R13-6o4	



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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
308 - T - 001 F	917005	ICPMS Reg. Water (R13.1)	20171001.R13-6o3	20171001.A52C
308 - T - 001 S	917004	ICPMS Reg. Water (R13.1)	20171001.R13-6o3	20171001.A52C
308 - T - 002 F	917007	ICPMS Reg. Water (R13.1)	20171001.R13-6o3	20171001.A52C
308 - T - 002 S	917006	ICPMS Reg. Water (R13.1)	20171001.R13-6o3	20171001.A52C
308 - T - 006 F	917009	ICPMS Reg. Water (R13.1)	20171001.R13-6o3	20171001.A52C
308 - T - 006 S	917008	ICPMS Reg. Water (R13.1)	20171001.R13-6o3	20171001.A52C
308 - T - 007 F	917011	ICPMS Reg. Water (R13.1)	20171001.R13-6o3	20171001.A52C
308 - T - 007 S	917010	ICPMS Reg. Water (R13.1)	20171001.R13-6o3	20171001.A52C
308 - T - 008 F	917013	ICPMS Reg. Water (R13.1)	20171001.R13-6o4	20171001.A52D
308 - T - 008 S	917012	ICPMS Reg. Water (R13.1)	20171001.R13-6o4	20171001.A52D
308 - T - 008 S	917012r	ICPMS Reg. Water (R13.1)	20171001.R13-6o4	20171001.A52D
308 - T - 009 F	917015	ICPMS Reg. Water (R13.1)	20171001.R13-6o4	20171001.A52D
308 - T - 009 S	917014	ICPMS Reg. Water (R13.1)	20171001.R13-6o4	20171001.A52D