



CERTIFICATE OF ANALYSIS

Client: Mike Lavallee
Company: RDSB - Adamsdale Public School
Address: 181 First Ave
Sudbury, ON, P3B 3L3
Phone/Fax: (705) 929-4787 / (705) 761-2442
Email: lavallm@rainbowschools.ca

Work Order Number: 315835
PO #: 706LW1736503
Regulation: O.Reg. 243/07
Project #:
DWS #: 500039131
Sampled By: Randy Helliwell

Date Order Received: 9/11/2017
Arrival Temperature: 15 °C

Analysis Started: 9/12/2017
Analysis Completed: 9/15/2017

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
101-S-002 (s)	912660	Treated Water	Plumbing		9/9/2017	8:30 AM
101-S-002 (f)	912661	Treated Water	Plumbing		9/9/2017	9:05 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

REPORT COMMENTS

STANDING: in excess of 6 hrs

Breakfast club, 2nd Re.test

This report has been approved by:

Khaled Omari, Ph.D.
Laboratory Director



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WORK ORDER RESULTS

Sample Description	101 - S - 002 (s)		101 - S - 002 (f)			
Lab ID	912660		912661			
Metals	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	5.27	0.1	1.06 [1.02]	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	3.8	20	20170914.R13-5o1	
Method Blank							
Parameter	MDL	Units	LCL	Result	UCL	QAQCID	
Lead	1	ug/L	0	<1	1	20170914.R13-5o1	
Positive Control							
Parameter	MDL	Units	LCL	Result	UCL	QAQCID	
Lead	N/A	%	80	91.2	120	20170914.R13-5o1	
Reference Sample							
Parameter	MDL	Units	LCL	Result	UCL	QAQCID	
Lead	N/A	% Rec	80	97.5	120	20170914.R13-5o1	
Sample Spike							
Parameter	MDL	Units	LCL	Result	UCL	QAQCID	
Lead	N/A	% Rec	70	93.7	130	20170914.R13-5o1	

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

Sample Description	Lab ID	Method	QAQCID	Prep QAQCID
101 - S - 002 (f)	912661	ICPMS Reg. Water (R13.1)	20170914.R13-5o1	20170912.R520
101 - S - 002 (f)	912661r	ICPMS Reg. Water (R13.1)	20170914.R13-5o1	20170912.R520
101 - S - 002 (s)	912660	ICPMS Reg. Water (R13.1)	20170914.R13-5o1	20170912.R520