

## **CERTIFICATE OF ANALYSIS**

Client:	Mark Bocy	Work Order Number:	314611
Company:	RDSB - Algonquin Rd. Public School	PO #:	
Address:	2650 Algonquin Road E	Regulation:	O.Reg. 243/07
	Sudbury, ON, P3E 4X6	Project #:	
Phone/Fax:	(705) 690-0323 / (705) 671-2442	DWS #:	500044435
Email:	bocym@rainbowschools.ca; lavallm@rainbowschools.ca	Sampled By:	Mark Bocy
Date Order Received:	8/25/2017	Analysis Started:	8/29/2017
Arrival Temperature:	19 °C	Analysis Completed:	9/5/2017

#### WORK ORDER SUMMARY

ANALYSES WERE PERFORMED ON THE FOLLOWING SAMPLES. THE RESULTS RELATE ONLY TO THE ITEMS TESTED.

Sample Description	Lab ID	Matrix	Туре	Comments	Date Collected	Time Collected
RM 25 FOUNT (A) (STANDING)	908638	Water	Plumbing		8/25/2017	6:30 AM
RM 25 FOUNT (A) (FLUSHED)	908639	Water	Plumbing		8/25/2017	7:05 AM
RM 20 DAY CARE SINK (STANDING)	908640	Water	Plumbing		8/25/2017	7:10 AM
RM 20 DAY CARE SINK (FLUSHED)	908641	Water	Plumbing		8/25/2017	7:45 AM
RM 11 SINK (STANDING)	908642	Water	Plumbing		8/25/2017	7:30 AM
RM 11 SINK (FLUSHED)	908643	Water	Plumbing		8/25/2017	8:05 AM
RM 8 BOTTLE SPOUT (STANDING)	908644	Water	Plumbing		8/25/2017	7:40 AM
RM 8 BOTTLE SPOUT (FLUSHED)	908645	Water	Plumbing		8/25/2017	8:15 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



RDSB - Algonquin Rd. Public School

This report has been approved by:

Khaled Omari, Ph.D. Laboratory Director

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# WORK ORDER RESULTS

Sample Description	RM 25 FOUNT (A) (STANDING)		RM 25 FOUNT (A) (FLUSHED)		RM 20 DAY CARE SINK (STANDING)		RM 20 DAY CARE SINK (FLUSHED)			
Lab ID	908638		908639		908640		908641			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	<0.1	0.1	0.11	0.1	1.85	0.1	2.56	0.1	ug/L	10
Sample Description	RM 11 SINK (STANDING)		RM 11 SINK (FLUSHED)		RM 8 BOTTLE SPOUT (STANDING)		RM 8 BOTTLE SPOUT (FLUSHED)			
Lab ID	908642		908643		908644		908645			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	0.72	0.1	0.2	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.

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	1	20	20170901.R13-6o0			
Method Blank									
Parameter	MDL	Units	LCL	Result	UCL	QAQCID			
Lead	1	ug/L	0	<1	1	20170901.R13-6o0			
Positive Control									
Parameter	MDL	Units	LCL	Result	UCL	QAQCID			
Lead	N/A	%	80	94.1	120	20170901.R13-6o0			
Reference Sample									
Parameter	MDL	Units	LCL	Result	UCL	QAQCID			
Lead	N/A	% Rec	80	95	120	20170901.R13-6o0			
Sample Spike									
Parameter	MDL	Units	LCL	Result	UCL	QAQCID			
Lead	N/A	% Rec	70	74.4	130	20170901.R13-6o0			

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

Sample Description	Lab ID	Method	QAQCID	Prep QAQCID
RM 11 SINK (FLUSHED)	908643	ICPMS Reg. Water (R13.1)	20170901.R13-6o0	20170829.R52J
RM 11 SINK (STANDING)	908642	ICPMS Reg. Water (R13.1)	20170901.R13-6o0	20170829.R52J
RM 20 DAY CARE SINK (FLUSHED)	908641	ICPMS Reg. Water (R13.1)	20170901.R13-6o0	20170829.R52J
RM 20 DAY CARE SINK (STANDING)	908640	ICPMS Reg. Water (R13.1)	20170901.R13-6o0	20170829.R52J
RM 25 FOUNT (A) (FLUSHED)	908639	ICPMS Reg. Water (R13.1)	20170901.R13-6o0	20170829.R52J
RM 25 FOUNT (A) (STANDING)	908638	ICPMS Reg. Water (R13.1)	20170901.R13-6o0	20170829.R52J
RM 8 BOTTLE SPOUT (FLUSHED)	908645	ICPMS Reg. Water (R13.1)	20170901.R13-6o0	20170829.R52J
RM 8 BOTTLE SPOUT (STANDING)	908644	ICPMS Reg. Water (R13.1)	20170901.R13-6o0	20170829.R52J