



## CERTIFICATE OF ANALYSIS

Client: Mark Bocy  
Company: RDSB - Queen Elizabeth II Public School  
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Work Order Number: 313908  
PO #:   
Regulation: O.Reg. 243/07  
Project #:   
DWS #: 500045969  
Sampled By: Mark Bocy

Date Order Received: 8/16/2017  
Arrival Temperature: 22 °C

Analysis Started: 8/22/2017  
Analysis Completed: 8/24/2017

### 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
RM 113 SINK (STANDING)	906182	Water	Plumbing		8/16/2017	7:00 AM
RM 113 SINK (FLUSHED)	906183	Water	Plumbing		8/16/2017	7:35 AM
STAGE SMALL SINK (S)	906184	Water	Plumbing		8/16/2017	7:10 AM
STAGE SMALL SINK (F)	906185	Water	Plumbing		8/16/2017	7:45 AM
FOUNTAIN BOTTLE SPOUT (S)	906186	Water	Plumbing		8/16/2017	7:20 AM
FOUNTAIN BOTTLE SPOUT (F)	906187	Water	Plumbing		8/16/2017	7:55 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



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This report has been approved by:

Khaled Omari, Ph.D.  
Laboratory Director



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### WORK ORDER RESULTS

Sample Description	RM 113 SINK (STANDING)		RM 113 SINK (FLUSHED)		STAGE SMALL SINK (S)		STAGE SMALL SINK (F)			
Lab ID	906182		906183		906184		906185			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	5.08	0.1	0.26	0.1	0.12	0.1	<0.1	0.1	ug/L	10

Sample Description	FOUNTAIN BOTTLE SPOUT (S)		FOUNTAIN BOTTLE SPOUT (F)			
Lab ID	906186		906187			
Metals	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	<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.

<b>Metals</b>							
<b>%RPD</b>							
Parameter	MDL	Units	LCL	Result	UCL	QAQCID	
Lead	N/A	%	0	0	20	20170823.R13-5o3	
<b>Method Blank</b>							
Parameter	MDL	Units	LCL	Result	UCL	QAQCID	
Lead	1	ug/L	0	<1	1	20170822.R13-6o1	
Lead	1	ug/L	0	<1	1	20170823.R13-5o3	
<b>Positive Control</b>							
Parameter	MDL	Units	LCL	Result	UCL	QAQCID	
Lead	N/A	%	80	92	120	20170822.R13-6o1	
Lead	N/A	%	80	96.6	120	20170823.R13-5o3	
<b>Reference Sample</b>							
Parameter	MDL	Units	LCL	Result	UCL	QAQCID	
Lead	N/A	% Rec	80	96	120	20170822.R13-6o1	
Lead	N/A	% Rec	80	98.2	120	20170823.R13-5o3	
<b>Sample Spike</b>							
Parameter	MDL	Units	LCL	Result	UCL	QAQCID	
Lead	N/A	% Rec	70	79.4	130	20170823.R13-5o3	
Lead	N/A	% Rec	70	89.3	130	20170822.R13-6o1	



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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
FOUNTAIN BOTTLE SPOUT (F)	906187	ICPMS Reg. Water (R13.1)	20170822.R13-6o1	20170822.R52P
FOUNTAIN BOTTLE SPOUT (S)	906186	ICPMS Reg. Water (R13.1)	20170822.R13-6o1	20170822.R52P
RM 113 SINK (FLUSHED)	906183	ICPMS Reg. Water (R13.1)	20170823.R13-5o3	20170823.R52I
RM 113 SINK (STANDING)	906182	ICPMS Reg. Water (R13.1)	20170823.R13-5o3	20170823.R52I
STAGE SMALL SINK (F)	906185	ICPMS Reg. Water (R13.1)	20170823.R13-5o3	20170823.R52I
STAGE SMALL SINK (S)	906184	ICPMS Reg. Water (R13.1)	20170823.R13-5o3	20170823.R52I