



## CERTIFICATE OF ANALYSIS

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Company: RDSB - Larchwood Public School  
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Work Order Number: 311869  
PO #:   
Regulation: O.Reg. 243/07  
Project #:   
DWS #: 500046086  
Sampled By: Mike Lavallee

Date Order Received: 7/24/2017  
Arrival Temperature: 21 °C

Analysis Started: 7/28/2017  
Analysis Completed: 8/1/2017

### 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
163-F-001 (S)	898975	Water	Plumbing		7/24/2017	9:25 AM
163-F-001 (F)	898976	Water	Plumbing		7/24/2017	10:00 AM
163-T-001 (S)	898977	Water	Plumbing		7/24/2017	9:18 AM
163-T-001 (F)	898978	Water	Plumbing		7/24/2017	9:53 AM
163-B/F-001 (S)	898979	Water	Plumbing		7/24/2017	9:35 AM
163-B/F-001 (F)	898980	Water	Plumbing		7/24/2017	10:10 AM
163-T-002 (S)	898981	Water	Plumbing	SAMPLE CONTAINED RESULT EXCEEDENCES.	7/24/2017	9:15 AM
163-T-002 (F)	898982	Water	Plumbing		7/24/2017	9:50 AM

### METHODS AND INSTRUMENTATION

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

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

### REPORT COMMENTS

Lead exceedance reported for 163-T-002 (S) (Lab ID 898981. 08/01/17 JC  
STANDING: IN EXCESS OF 6 HOURS



**TESTMARK Laboratories Ltd.**

*Committed to Quality and Service*

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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	163 - F - 001 (S)		163 - F - 001 (F)		163 - T - 001 (S)		163 - T - 001 (F)			
Lab ID	898975		898976		898977		898978			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	0.66	0.1	0.13	0.1	6.21	0.1	2.38	0.1	ug/L	10

  

Sample Description	163 - B/F - 001 (S)		163 - B/F - 001 (F)		163 - T - 002 (S)		163 - T - 002 (F)			
Lab ID	898979		898980		898981		898982			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	<0.1	0.1	<0.1	0.1	18 [18.2]	0.1	5.54	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.

<b>Metals</b>							
<b>%RPD</b>							
Parameter	MDL	Units	LCL	Result	UCL	QAQCID	
Lead	N/A	%	0	0	20	20170728.R13-5o16	
Lead	N/A	%	0	1.1	20	20170731.R13-ob0	
<b>Method Blank</b>							
Parameter	MDL	Units	LCL	Result	UCL	QAQCID	
Lead	1	ug/L	0	<1	1	20170728.R13-5o16	
Lead	1	ug/L	0	<1	1	20170731.R13-ob0	
<b>Positive Control</b>							
Parameter	MDL	Units	LCL	Result	UCL	QAQCID	
Lead	N/A	%	80	101	120	20170728.R13-5o16	
Lead	N/A	%	80	96.4	120	20170731.R13-ob0	
<b>Reference Sample</b>							
Parameter	MDL	Units	LCL	Result	UCL	QAQCID	
Lead	N/A	% Rec	80	103	120	20170728.R13-5o16	
Lead	N/A	% Rec	80	99.5	120	20170731.R13-ob0	
<b>Sample Spike</b>							
Parameter	MDL	Units	LCL	Result	UCL	QAQCID	
Lead	N/A	% Rec	70	94.6	130	20170731.R13-ob0	
Lead	N/A	% Rec	70	99.4	130	20170728.R13-5o16	



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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
163 - B/F - 001 (F)	898980	ICPMS Reg. Water	20170728.R13-5o16	20170728.R52U
163 - B/F - 001 (S)	898979	ICPMS Reg. Water	20170728.R13-5o16	20170728.R52U
163 - F - 001 (F)	898976	ICPMS Reg. Water	20170728.R13-5o16	20170728.R52U
163 - F - 001 (S)	898975	ICPMS Reg. Water	20170728.R13-5o16	20170728.R52U
163 - T - 001 (F)	898978	ICPMS Reg. Water	20170728.R13-5o16	20170728.R52U
163 - T - 001 (S)	898977	ICPMS Reg. Water	20170728.R13-5o16	20170728.R52U
163 - T - 002 (F)	898982	ICPMS Reg. Water	20170731.R13-ob0	20170731.R52O
163 - T - 002 (S)	898981	ICPMS Reg. Water	20170731.R13-ob0	20170731.R52O
163 - T - 002 (S)	898981r	ICPMS Reg. Water	20170731.R13-ob0	20170731.R52O