



## CERTIFICATE OF ANALYSIS

Client: Lisa Polano  
Company: RDSB - Larchwood Public School  
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Work Order Number: 411047  
PO #:   
Regulation: O.Reg. 243/07  
Project #:   
DWS #: 500046086  
Sampled By: Lisa Polano

Date Order Received: 9/14/2020  
Arrival Temperature: 9.1 °C

Analysis Started: 9/18/2020  
Analysis Completed: 9/18/2020

### 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
Standing-T-3 Rm 7	1575032	Water	Plumbing		9/13/2020	6:00 AM
Flushed-T-3 Rm 7	1575033	Water	Plumbing		9/13/2020	6:35 AM
Standing-BF1 By rm 1	1575034	Water	Plumbing		9/13/2020	6:05 AM
Flushed-BF1 By rm 1	1575035	Water	Plumbing		9/13/2020	6:40 AM
Standing-BF2 By rm 17	1575036	Water	Plumbing		9/13/2020	6:10 AM
Flushed-BF2 By rm 17	1575037	Water	Plumbing		9/13/2020	6:45 AM
Standing-T-1 Rm 1	1575038	Water	Plumbing		9/13/2020	6:15 AM
Flushed-T-1 Rm 1	1575039	Water	Plumbing		9/13/2020	6:50 AM

### METHODS AND INSTRUMENTATION

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

Method	Lab	Description	Reference
ICPMS Reg. Water (A13)	Garson	Determination of Metals in Water by ICP/MS	Modified from SW846-6020A



**TESTMARK Laboratories Ltd.**

*Committed to Quality and Service*

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This report has been approved by:

Brad Halvorson, B.Sc.

Laboratory Director



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### WORK ORDER RESULTS

Sample Description	Standing - T - 3 Rm 7		Flushed - T - 3 Rm 7		Standing - BF1 By rm 1		Flushed - BF1 By rm 1			
Sample Date	9/13/2020 6:00 AM		9/13/2020 6:35 AM		9/13/2020 6:05 AM		9/13/2020 6:40 AM			
Lab ID	1575032		1575033		1575034		1575035			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	0.8 [0.8]	0.1	1.1	0.1	<0.1	0.1	<0.1	0.1	ug/L	10
Sample Description	Standing - BF2 By rm 17		Flushed - BF2 By rm 17		Standing - T - 1 Rm 1		Flushed - T - 1 Rm 1			
Sample Date	9/13/2020 6:10 AM		9/13/2020 6:45 AM		9/13/2020 6:15 AM		9/13/2020 6:50 AM			
Lab ID	1575036		1575037		1575038		1575039			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	<0.1	0.1	<0.1	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.

[ ]: 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.

Field Data: Reports containing Field Parameters represent data that has been collected and provided by the client. Testmark is not responsible for the validity of this data which may be used in subsequent calculations.

Sample Condition Deviations: A noted sample condition deviation may affect the validity of the result. Results apply to the sample(s) as received.



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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

##### Method Blank: LRB-6 (Blank) (6)

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	0.1	ug/L	0	<0.1	1	20200918.A13.1E

##### Positive Control: LFB-7 (N 100 µg/L) (7)

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	%	80	94.6	120	20200918.A13.1E

##### Reference Sample: CRM-12 (EP-L-3) (12)

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	1	ug/L	2.64	4.2	5.44	20200918.A13.1E

##### Sample Spike: LFMS-9 (N 100 µg/L) (9)

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	% Rec	70	94.6	130	20200918.A13.1E

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

Sample Description	Lab ID	Method	QAQCID	Prep QAQCID
Flushed - BF1 By rm 1	1575035	ICPMS Reg. Water (A13)	20200918.A13.1E	20200917.A52G
Flushed - BF2 By rm 17	1575037	ICPMS Reg. Water (A13)	20200918.A13.1E	20200917.A52G
Flushed - T - 1 Rm 1	1575039	ICPMS Reg. Water (A13)	20200918.A13.1E	20200917.A52G
Flushed - T - 3 Rm 7	1575033	ICPMS Reg. Water (A13)	20200918.A13.1E	20200917.A52G
Standing - BF1 By rm 1	1575034	ICPMS Reg. Water (A13)	20200918.A13.1E	20200917.A52G
Standing - BF2 By rm 17	1575036	ICPMS Reg. Water (A13)	20200918.A13.1E	20200917.A52G
Standing - T - 1 Rm 1	1575038	ICPMS Reg. Water (A13)	20200918.A13.1E	20200917.A52G
Standing - T - 3 Rm 7	1575032	ICPMS Reg. Water (A13)	20200918.A13.1E	20200917.A52G
Standing - T - 3 Rm 7	1575032r	ICPMS Reg. Water (A13)	20200918.A13.1E	20200917.A52G