



## CERTIFICATE OF ANALYSIS

Client: Steve McCulloch  
Company: RDSB - Assiginack Public School  
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Work Order Number: 442200  
PO #:   
Regulation: O.Reg. 243/07  
Project #:   
DWS #: 500001132  
Sampled By: Steve McCulloch

Date Order Received: 9/13/2021  
Arrival Temperature: 6 °C

Analysis Started: 9/20/2021  
Analysis Completed: 9/21/2021

### 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 - F1	1682258	Water	Plumbing		9/11/2021	8:30 AM
Flushed - F1	1682259	Water	Plumbing		9/11/2021	9:05 AM
Standing - F4	1682260	Water	Plumbing		9/11/2021	8:35 AM
Flushed - F4	1682261	Water	Plumbing		9/11/2021	9:10 AM
Standing - S124C	1682262	Water	Plumbing		9/11/2021	8:40 AM
Flushed - S124C	1682263	Water	Plumbing		9/11/2021	9:15 AM
Standing - S139	1682264	Water	Plumbing		9/11/2021	8:45 AM
Flushed - S139	1682265	Water	Plumbing		9/11/2021	9:20 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:

Mahesh Patel, B.Sc.  
Laboratory Director



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### WORK ORDER RESULTS

Sample Description	Standing - F1		Flushed - F1		Standing - F4		Flushed - F4			
Sample Date	9/11/2021 8:30 AM		9/11/2021 9:05 AM		9/11/2021 8:35 AM		9/11/2021 9:10 AM			
Lab ID	1682258		1682259		1682260		1682261			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	0.4	0.1	0.2	0.1	0.2	0.1	<0.1	0.1	ug/L	10

  

Sample Description	Standing - S124C		Flushed - S124C		Standing - S139		Flushed - S139			
Sample Date	9/11/2021 8:40 AM		9/11/2021 9:15 AM		9/11/2021 8:45 AM		9/11/2021 9:20 AM			
Lab ID	1682262		1682263		1682264		1682265			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	0.3	0.1	0.3	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.

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	20210920.A13.1F
Lead	0.1	ug/L	0	<0.1	1	20210920.A13.1G
Lead	0.1	ug/L	0	<0.1	1	20210921.A13.1D
Lead	0.1	ug/L	0	<0.1	1	20210921.A13.1E
Lead	0.1	ug/L	0	<0.1	1	20210921.A13.1F

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	%	80	94.3	120	20210920.A13.1G
Lead	N/A	%	80	95.4	120	20210921.A13.1D
Lead	N/A	%	80	95.9	120	20210921.A13.1F
Lead	N/A	%	80	96.3	120	20210920.A13.1F
Lead	N/A	%	80	96.6	120	20210921.A13.1E

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	1	ug/L	2.58	4.02	5.38	20210921.A13.1F
Lead	1	ug/L	2.58	4.06	5.38	20210920.A13.1F
Lead	1	ug/L	2.58	4.06	5.38	20210920.A13.1G
Lead	1	ug/L	2.58	4.06	5.38	20210921.A13.1D
Lead	1	ug/L	2.58	4.11	5.38	20210921.A13.1E

##### Sample Replicate: % RPD (4)

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	%	0	2.6	20	20210921.A13.1F



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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	% Rec	70	89.7	130	20210920.A13.1F
Lead	N/A	% Rec	70	92	130	20210921.A13.1E
Lead	N/A	% Rec	70	92.9	130	20210921.A13.1D
Lead	N/A	% Rec	70	94.1	130	20210920.A13.1G
Lead	N/A	% Rec	70	97.5	130	20210921.A13.1F

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 - F1	1682259	ICPMS Reg. Water (A13)	20210921.A13.1D	20210917.A52P
Flushed - F4	1682261	ICPMS Reg. Water (A13)	20210921.A13.1E	20210917.A52Q
Flushed - S124C	1682263	ICPMS Reg. Water (A13)	20210920.A13.1F	20210915.A52X
Flushed - S139	1682265	ICPMS Reg. Water (A13)	20210921.A13.1D	20210917.A52P
Standing - F1	1682258	ICPMS Reg. Water (A13)	20210920.A13.1G	20210915.A52Z
Standing - F4	1682260	ICPMS Reg. Water (A13)	20210921.A13.1F	20210917.A52T
Standing - S124C	1682262	ICPMS Reg. Water (A13)	20210920.A13.1F	20210915.A52X
Standing - S139	1682264	ICPMS Reg. Water (A13)	20210921.A13.1D	20210917.A52P