



## CERTIFICATE OF ANALYSIS

Client: Carol Koziar  
Company: RDSB - Adamsdale Public School  
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Work Order Number: 445511  
PO #:   
Regulation: O.Reg. 243/07  
Project #:   
DWS #: 500039131  
Sampled By: Carol Koziar

Date Order Received: 10/14/2021  
Arrival Temperature: 9.3 °C

Analysis Started: 10/18/2021  
Analysis Completed: 10/22/2021

### 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-S-2 Room 9 Daycare	1694846	Water	Plumbing		10/13/2021	6:30 AM
Flushed-S-2 Room 9 Daycare	1694847	Water	Plumbing		10/13/2021	7:05 AM
Standing-S-7 Room B1	1694848	Water	Plumbing		10/13/2021	6:35 AM
Flushed-S-7 Room B1	1694849	Water	Plumbing		10/13/2021	7:10 AM
Standing-S-3 Room 10	1694850	Water	Plumbing		10/13/2021	6:40 AM
Flushed-S-3 Room 10	1694851	Water	Plumbing		10/13/2021	7:15 AM
Standing-S-5 Room 11	1694852	Water	Plumbing		10/13/2021	6:45 AM
Flushed-S-5 Room 11	1694853	Water	Plumbing		10/13/2021	7:20 AM
Standing-S-6 Room 12	1694854	Water	Plumbing		10/13/2021	6:50 AM
Flushed-S-6 Room 12	1694855	Water	Plumbing		10/13/2021	7:25 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



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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 - S - 2 Room 9 Daycare		Flushed - S - 2 Room 9 Daycare		Standing - S - 7 Room B1		Flushed - S - 7 Room B1			
Sample Date	10/13/2021 6:30 AM		10/13/2021 7:05 AM		10/13/2021 6:35 AM		10/13/2021 7:10 AM			
Lab ID	1694846		1694847		1694848		1694849			
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	0.1	0.1	ug/L	10
Sample Description	Standing - S - 3 Room 10		Flushed - S - 3 Room 10		Standing - S - 5 Room 11		Flushed - S - 5 Room 11			
Sample Date	10/13/2021 6:40 AM		10/13/2021 7:15 AM		10/13/2021 6:45 AM		10/13/2021 7:20 AM			
Lab ID	1694850		1694851		1694852		1694853			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	1.5	0.1	0.4	0.1	0.1	0.1	0.6	0.1	ug/L	10
Sample Description	Standing - S - 6 Room 12		Flushed - S - 6 Room 12							
Sample Date	10/13/2021 6:50 AM		10/13/2021 7:25 AM							
Lab ID	1694854		1694855							
Metals	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07				
Lead	0.4	0.1	0.1	0.1	ug/L	10				



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### 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	20211018.A13.1F
Lead	0.1	ug/L	0	<0.1	1	20211018.A13.1G
Lead	0.1	ug/L	0	<0.1	1	20211018.A13.1H
Lead	0.1	ug/L	0	<0.1	1	20211022.A13.1G

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	%	80	95.4	120	20211022.A13.1G
Lead	N/A	%	80	98.6	120	20211018.A13.1G
Lead	N/A	%	80	98.7	120	20211018.A13.1F
Lead	N/A	%	80	99.3	120	20211018.A13.1H

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	1	ug/L	2.58	3.96	5.38	20211022.A13.1G
Lead	1	ug/L	2.58	4.05	5.38	20211018.A13.1F
Lead	1	ug/L	2.58	4.11	5.38	20211018.A13.1H
Lead	1	ug/L	2.58	4.2	5.38	20211018.A13.1G

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	% Rec	70	90.3	130	20211022.A13.1G
Lead	N/A	% Rec	70	94.5	130	20211018.A13.1G
Lead	N/A	% Rec	70	97.1	130	20211018.A13.1F
Lead	N/A	% Rec	70	97.3	130	20211018.A13.1H



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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
Flushed - S - 2 Room 9 Daycare	1694847	ICPMS Reg. Water (A13)	20211018.A13.1G	20211016.A52D
Flushed - S - 2 Room 9 Daycare	1694847r	ICPMS Reg. Water (A13)	20211018.A13.1G	20211016.A52D
Flushed - S - 3 Room 10	1694851	ICPMS Reg. Water (A13)	20211018.A13.1H	20211016.A52E
Flushed - S - 5 Room 11	1694853	ICPMS Reg. Water (A13)	20211018.A13.1H	20211016.A52E
Flushed - S - 6 Room 12	1694855	ICPMS Reg. Water (A13)	20211018.A13.1G	20211016.A52D
Flushed - S - 7 Room B1	1694849	ICPMS Reg. Water (A13)	20211018.A13.1F	20211016.A52C
Standing - S - 2 Room 9 Daycare	1694846	ICPMS Reg. Water (A13)	20211022.A13.1G	20211021.A52ZF
Standing - S - 3 Room 10	1694850	ICPMS Reg. Water (A13)	20211018.A13.1H	20211016.A52E
Standing - S - 5 Room 11	1694852	ICPMS Reg. Water (A13)	20211018.A13.1H	20211016.A52E
Standing - S - 6 Room 12	1694854	ICPMS Reg. Water (A13)	20211018.A13.1G	20211016.A52D
Standing - S - 7 Room B1	1694848	ICPMS Reg. Water (A13)	20211018.A13.1F	20211016.A52C
Standing - S - 7 Room B1	1694848r	ICPMS Reg. Water (A13)	20211018.A13.1F	20211016.A52C