



## CERTIFICATE OF ANALYSIS

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Company: RDSB - Cyril Varney Public School  
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Work Order Number: 411879  
PO #:   
Regulation: O.Reg. 243/07  
Project #:   
DWS #: 500046008  
Sampled By: Carol Koziar

Date Order Received: 9/22/2020  
Arrival Temperature: 9 °C

Analysis Started: 9/28/2020  
Analysis Completed: 9/28/2020

### 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-BF 1 BY BOILER ROOM	1578068	Water	Plumbing		9/22/2020	6:30 AM
FLUSHED-BF 1 BY BOILER ROOM	1578069	Water	Plumbing		9/22/2020	7:05 AM
STANDING-S-1 ROOM 3 JK/SK	1578070	Water	Plumbing		9/22/2020	6:35 AM
FLUSHED-S-1 ROOM 3 JK/SK	1578071	Water	Plumbing		9/22/2020	7:10 AM
STANDING-S-2 STAFF ROOM	1578072	Water	Plumbing		9/22/2020	6:40 AM
FLUSHED-S-2 STAFF ROOM	1578073	Water	Plumbing		9/22/2020	7:15 AM
STANDING-S-3 ROOM 24 JK/SK	1578074	Water	Plumbing		9/22/2020	6:45 AM
FLUSHED-S-3 ROOM 24 JK/SK	1578075	Water	Plumbing		9/22/2020	7:20 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



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*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 - BF 1 BY BOILER ROOM		FLUSHED - BF 1 BY BOILER ROOM		STANDING - S - 1 ROOM 3 JK/SK		FLUSHED - S - 1 ROOM 3 JK/SK		Units	Criteria: O.Reg. 243/07
Sample Date	9/22/2020 6:30 AM		9/22/2020 7:05 AM		9/22/2020 6:35 AM		9/22/2020 7:10 AM			
Lab ID	1578068		1578069		1578070		1578071			
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	9.9	0.1	0.9	0.1		
Sample Description	STANDING - S - 2 STAFF ROOM		FLUSHED - S - 2 STAFF ROOM		STANDING - S - 3 ROOM 24 JK/SK		FLUSHED - S - 3 ROOM 24 JK/SK		Units	Criteria: O.Reg. 243/07
Sample Date	9/22/2020 6:40 AM		9/22/2020 7:15 AM		9/22/2020 6:45 AM		9/22/2020 7:20 AM			
Lab ID	1578072		1578073		1578074		1578075			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	1.3	0.1	<0.1	0.1	0.5	0.1	0.3	0.1		

### 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	20200928.A13.1F

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	%	80	94.6	120	20200928.A13.1F

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	1	ug/L	2.64	4.07	5.44	20200928.A13.1F

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	% Rec	70	88.1	130	20200928.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 - BF 1 BY BOILER ROOM	1578069	ICPMS Reg. Water (A13)	20200928.A13.1F	20200925.A52ZA
FLUSHED - S - 1 ROOM 3 JK/SK	1578071	ICPMS Reg. Water (A13)	20200928.A13.1F	20200925.A52ZA
FLUSHED - S - 2 STAFF ROOM	1578073	ICPMS Reg. Water (A13)	20200928.A13.1F	20200925.A52ZA
FLUSHED - S - 3 ROOM 24 JK/SK	1578075	ICPMS Reg. Water (A13)	20200928.A13.1F	20200925.A52ZA
STANDING - BF 1 BY BOILER ROOM	1578068	ICPMS Reg. Water (A13)	20200928.A13.1F	20200925.A52ZA
STANDING - BF 1 BY BOILER ROOM	1578068r	ICPMS Reg. Water (A13)	20200928.A13.1F	20200925.A52ZA
STANDING - S - 1 ROOM 3 JK/SK	1578070	ICPMS Reg. Water (A13)	20200928.A13.1F	20200925.A52ZA
STANDING - S - 2 STAFF ROOM	1578072	ICPMS Reg. Water (A13)	20200928.A13.1F	20200925.A52ZA
STANDING - S - 3 ROOM 24 JK/SK	1578074	ICPMS Reg. Water (A13)	20200928.A13.1F	20200925.A52ZA