



CERTIFICATE OF ANALYSIS

Client: Mike Lavallee
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Work Order Number: 317149
PO #: 706LW1736503
Regulation: O.Reg. 243/07
Project #:
DWS #: 500111593
Sampled By: Mike Lavallee

Date Order Received: 9/25/2017
Arrival Temperature: 12 °C

Analysis Started: 10/1/2017
Analysis Completed: 10/3/2017

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
303-T-001 S	917026	Treated Water	Plumbing		9/23/2017	12:15 PM
303-T-001 F	917027	Treated Water	Plumbing		9/23/2017	12:50 PM
303-T-002 S	917028	Treated Water	Plumbing		9/23/2017	12:16 PM
303-T-002 F	917029	Treated Water	Plumbing		9/23/2017	12:51 PM
303-T-003 S	917030	Treated Water	Plumbing	SAMPLE CONTAINED RESULT EXCEEDENCES.	9/23/2017	12:20 PM
303-T-003 F	917031	Treated Water	Plumbing		9/23/2017	12:55 PM
303-T-004 S	917032	Treated Water	Plumbing		9/23/2017	12:25 PM
303-T-004 F	917033	Treated Water	Plumbing		9/23/2017	1:00 PM
303-T-005 S	917034	Treated Water	Plumbing		9/23/2017	12:40 PM
303-T-005 F	917035	Treated Water	Plumbing		9/23/2017	1:15 PM
303-T-006 S	917036	Treated Water	Plumbing		9/23/2017	12:41 PM
303-T-006 F	917037	Treated Water	Plumbing		9/23/2017	1:16 PM
303-T-007 S	917038	Treated Water	Plumbing		9/23/2017	12:42 PM
303-T-007 F	917039	Treated Water	Plumbing		9/23/2017	1:17 PM

METHODS AND INSTRUMENTATION

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



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RDSB - Confederation Secondary School

Work Order Number: 317149

Method	Lab	Description	Reference
ICPMS Reg. Water (R13.1)	Garson	Determination of Metals in Water by ICP/MS	Based on SW846-6020A

REPORT COMMENTS

Lead exceedance reported for sample 917030. 10/03/17 HC
STANDING: in excess of 6 hrs
SAMPLE TAKEN FROM: Servery, b/f station, staff room, 115, room 1000

This report has been approved by:

Khaled Omari, Ph.D.
Laboratory Director



CERTIFICATE OF ANALYSIS

RDSB - Confederation Secondary School

Work Order Number: 317149

WORK ORDER RESULTS

Sample Description	303 - T - 001 S		303 - T - 001 F		303 - T - 002 S		303 - T - 002 F		Units	Criteria: O.Reg. 243/07
Lab ID	917026		917027		917028		917029			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL		
Lead	2.55	0.1	1.67	0.1	3.02	0.1	1.54	0.1	ug/L	10

Sample Description	303 - T - 003 S		303 - T - 003 F		303 - T - 004 S		303 - T - 004 F		Units	Criteria: O.Reg. 243/07
Lab ID	917030		917031		917032		917033			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL		
Lead	14	0.1	7.24	0.1	3.23	0.1	1.17	0.1	ug/L	10

Sample Description	303 - T - 005 S		303 - T - 005 F		303 - T - 006 S		303 - T - 006 F		Units	Criteria: O.Reg. 243/07
Lab ID	917034		917035		917036		917037			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL		
Lead	7.34	0.1	2.95	0.1	9.34	0.1	3.51	0.1	ug/L	10

Sample Description	303 - T - 007 S		303 - T - 007 F		Units	Criteria: O.Reg. 243/07
Lab ID	917038		917039			
Metals	Result	MDL	Result	MDL		
Lead	2.01	0.1	7.4	0.1	ug/L	10



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RDSB - Confederation Secondary School

Work Order Number: 317149

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.



CERTIFICATE OF ANALYSIS

RDSB - Confederation Secondary School

Work Order Number: 317149

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							
%RPD							
Parameter	MDL	Units	LCL	Result	UCL	QAQCID	
Lead	N/A	%	0	0.5	20	20171001.R13-6o4	
Method Blank							
Parameter	MDL	Units	LCL	Result	UCL	QAQCID	
Lead	1	ug/L	0	<1	1	20171001.R13-6o4	
Positive Control							
Parameter	MDL	Units	LCL	Result	UCL	QAQCID	
Lead	N/A	%	80	101	120	20171001.R13-6o4	
Reference Sample							
Parameter	MDL	Units	LCL	Result	UCL	QAQCID	
Lead	N/A	% Rec	80	101	120	20171001.R13-6o4	
Sample Spike							
Parameter	MDL	Units	LCL	Result	UCL	QAQCID	
Lead	N/A	% Rec	70	87.7	130	20171001.R13-6o4	



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RDSB - Confederation Secondary School

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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
303 - T - 001 F	917027	ICPMS Reg. Water (R13.1)	20171001.R13-6o4	20171001.A52D
303 - T - 001 S	917026	ICPMS Reg. Water (R13.1)	20171001.R13-6o4	20171001.A52D
303 - T - 002 F	917029	ICPMS Reg. Water (R13.1)	20171001.R13-6o4	20171001.A52D
303 - T - 002 S	917028	ICPMS Reg. Water (R13.1)	20171001.R13-6o4	20171001.A52D
303 - T - 003 F	917031	ICPMS Reg. Water (R13.1)	20171001.R13-6o4	20171001.A52D
303 - T - 003 S	917030	ICPMS Reg. Water (R13.1)	20171001.R13-6o4	20171001.A52D
303 - T - 004 F	917033	ICPMS Reg. Water (R13.1)	20171001.R13-6o4	20171001.A52D
303 - T - 004 S	917032	ICPMS Reg. Water (R13.1)	20171001.R13-6o4	20171001.A52D
303 - T - 005 F	917035	ICPMS Reg. Water (R13.1)	20171001.R13-6o4	20171001.A52D
303 - T - 005 S	917034	ICPMS Reg. Water (R13.1)	20171001.R13-6o4	20171001.A52D
303 - T - 006 F	917037	ICPMS Reg. Water (R13.1)	20171001.R13-6o4	20171001.A52D
303 - T - 006 S	917036	ICPMS Reg. Water (R13.1)	20171001.R13-6o4	20171001.A52D
303 - T - 007 F	917039	ICPMS Reg. Water (R13.1)	20171001.R13-6o4	20171001.A52D
303 - T - 007 S	917038	ICPMS Reg. Water (R13.1)	20171001.R13-6o4	20171001.A52D