



CERTIFICATE OF ANALYSIS

Client: Bob Cullens
Company: RDSB - Lo-Ellen Park Secondary School
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Work Order Number: 316314
PO #: 706LW1736503
Regulation: O.Reg. 243/07
Project #:
DWS #: 500040379
Sampled By: R. Cullens

Date Order Received: 9/14/2017
Arrival Temperature: 6 °C

Analysis Started: 9/23/2017
Analysis Completed: 9/25/2017

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
DWS 1 Standing	914264	Water	Plumbing	SAMPLE CONTAINED RESULT EXCEEDENCES.	9/12/2017	6:30 AM
DWS 1 Flushing	914265	Water	Plumbing		9/12/2017	7:05 AM
DWS 5 Standing	914266	Water	Plumbing		9/13/2017	7:17 AM
DWS 5 Flushing	914267	Water	Plumbing		9/13/2017	7:52 AM
DWS 6 Standing	914268	Water	Plumbing		9/13/2017	7:15 AM
DWS 6 Flushing	914269	Water	Plumbing		9/13/2017	7:50 AM
DWS 7 Standing	914270	Water	Plumbing	SAMPLE CONTAINED RESULT EXCEEDENCES.	9/12/2017	6:30 AM
DWS 7 Flushing	914271	Water	Plumbing		9/12/2017	7:05 AM
DWS 8 Standing	914272	Water	Plumbing	SAMPLE CONTAINED RESULT EXCEEDENCES.	9/12/2017	6:35 AM
DWS 8 Flushing	914273	Water	Plumbing	SAMPLE CONTAINED RESULT EXCEEDENCES.	9/12/2017	7:10 AM

METHODS AND INSTRUMENTATION

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

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 samples 914264, 914270, 914272 and 914273. 09/25/17 JC



TESTMARK Laboratories Ltd.

Committed to Quality and Service

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This report has been approved by:

Khaled Omari, Ph.D.
Laboratory Director



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WORK ORDER RESULTS

Sample Description	DWS 1 Standing		DWS 1 Flushing		DWS 5 Standing		DWS 5 Flushing		Units	Criteria: O.Reg. 243/07
Lab ID	914264		914265		914266		914267			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL		
Lead	29.3 [30.2]	0.1	5.3	0.1	0.87	0.1	0.8	0.1	ug/L	10
Sample Description	DWS 6 Standing		DWS 6 Flushing		DWS 7 Standing		DWS 7 Flushing		Units	Criteria: O.Reg. 243/07
Lab ID	914268		914269		914270		914271			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL		
Lead	2.07	0.1	0.28	0.1	25	0.1	0.68	0.1	ug/L	10
Sample Description	DWS 8 Standing		DWS 8 Flushing		Units	Criteria: O.Reg. 243/07				
Lab ID	914272		914273							
Metals	Result	MDL	Result	MDL						
Lead	87.3	0.1	59.4	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.



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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						
%RPD						
Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	%	0	3	20	20170924.R13-5o3
Method Blank						
Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	1	ug/L	0	<1	1	20170924.R13-5o3
Positive Control						
Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	%	80	91.9	120	20170924.R13-5o3
Sample Spike						
Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	% Rec	70	95.5	130	20170924.R13-5o3

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

Sample Description	Lab ID	Method	QAQCID	Prep QAQCID
DWS 1 Flushing	914265	ICPMS Reg. Water (R13.1)	20170924.R13-5o3	20170923.P52D
DWS 1 Standing	914264	ICPMS Reg. Water (R13.1)	20170924.R13-5o3	20170923.P52D
DWS 1 Standing	914264r	ICPMS Reg. Water (R13.1)	20170924.R13-5o3	20170923.P52D
DWS 5 Flushing	914267	ICPMS Reg. Water (R13.1)	20170924.R13-5o3	20170923.P52D
DWS 5 Standing	914266	ICPMS Reg. Water (R13.1)	20170924.R13-5o3	20170923.P52D
DWS 6 Flushing	914269	ICPMS Reg. Water (R13.1)	20170924.R13-5o3	20170923.P52D
DWS 6 Standing	914268	ICPMS Reg. Water (R13.1)	20170924.R13-5o3	20170923.P52D
DWS 7 Flushing	914271	ICPMS Reg. Water (R13.1)	20170924.R13-5o3	20170923.P52D
DWS 7 Standing	914270	ICPMS Reg. Water (R13.1)	20170924.R13-5o3	20170923.P52D
DWS 8 Flushing	914273	ICPMS Reg. Water (R13.1)	20170924.R13-5o3	20170923.P52D
DWS 8 Standing	914272	ICPMS Reg. Water (R13.1)	20170924.R13-5o3	20170923.P52D