



CERTIFICATE OF ANALYSIS

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Work Order Number: 277207
PO #:
Regulation: O.Reg. 243/07
Project #:
DWS #: 500046047
Sampled By: R. Cullens

Date Order Received: 6/24/2016
Arrival Temperature: 18 °C

Analysis Started: 6/27/2016
Analysis Completed: 7/5/2016

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
CHU 1-STAN	791651	Water	Plumbing		6/24/2016	5:50 AM
CHU 1-FLU	791652	Water	Plumbing		6/24/2016	6:25 AM
CHU 2-STAN	791653	Water	Plumbing		6/24/2016	5:51 AM
CGHU 2-FLU	791654	Water	Plumbing		6/24/2016	6:26 AM

METHODS AND INSTRUMENTATION

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

Method	Lab	Description	Reference
ICPMS Water	Garson	Determination of Metals in Water by ICP/MS	Based on SW846-6020A

REPORT COMMENTS

STANDING: GREATER THEN 10 HRS.



TESTMARK Laboratories Ltd.

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Work Order Number: 277207

This report has been approved by:

Khaled Omari, Ph.D.
Laboratory Director



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WORK ORDER RESULTS

Sample Description	CHU 1 - STAN		CHU 1 - FLU		CHU 2 - STAN		CGHU 2 - FLU			
Lab ID	791651		791652		791653		791654			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	5.83	0.1	1.07	0.1	<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.

[]: 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

Metals							
%RPD							
Parameter	MDL	Units	LCL	Result	UCL	QAQCID	
Lead	N/A	%	0	1	20	20160627.R13-5o	
Lead	N/A	%	0	N/A	20	20160630.R13-5o	
Method Blank							
Parameter	MDL	Units	LCL	Result	UCL	QAQCID	
Lead	1	ug/L	0	<1	1	20160627.R13-5o	
Lead	1	ug/L	0	<1	1	20160630.R13-5o	
Positive Control							
Parameter	MDL	Units	LCL	Result	UCL	QAQCID	
Lead	N/A	%	80	96.3	120	20160627.R13-5o	
Lead	N/A	%	80	97	120	20160630.R13-5o	
Reference Sample							
Parameter	MDL	Units	LCL	Result	UCL	QAQCID	
Lead	N/A	% Rec	80	98	120	20160630.R13-5o	
Sample Spike							
Parameter	MDL	Units	LCL	Result	UCL	QAQCID	
Lead	N/A	% Rec	70	93	130	20160630.R13-5o	
Lead	N/A	% Rec	70	95.2	130	20160627.R13-5o	

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

Sample Description	Lab ID	Method	QAQCID	Prep QAQCID
CGHU 2 - FLU	791654	ICPMS Water	20160630.R13-5o	20160630.R52K
CHU 1 - FLU	791652	ICPMS Water	20160627.R13-5o	20160627.R52M
CHU 1 - STAN	791651	ICPMS Water	20160627.R13-5o	20160627.R52M
CHU 2 - STAN	791653	ICPMS Water	20160630.R13-5o	20160630.R52K
CHU 2 - STAN	791653r	ICPMS Water	20160630.R13-5o	20160630.R52K



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Confirmation of Sample Receipt

Your samples have been received at Testmark's Sample Reception and have now been issued a unique Work Order number as well as unique Sample I.D. numbers.

Here are some details of your submission:

Client Name: RDSB - Churchill Public School
Contact: Mark Bocy
Project Number:
Work Order #: 277207
Date Received: 6/24/2016
Method of Shipment: Hand
Waybill Reference #: 22420
Estimated Date of Completion*: 7/5/2016
Water Works #: 500046047
Sampled By: R. Cullens

Sample Details

Sample Number	Sample Date	Sample Description	Analysis	Regulation (if applicable)
791651	6/24/2016	CHU 1-STAN	ICPMS Water	O.Reg. 243/07
791651	6/24/2016	CHU 1-STAN	MetalsWater/Prep	O.Reg. 243/07
791652	6/24/2016	CHU 1-FLU	ICPMS Water	O.Reg. 243/07
791652	6/24/2016	CHU 1-FLU	MetalsWater/Prep	O.Reg. 243/07
791653	6/24/2016	CHU 2-STAN	ICPMS Water	O.Reg. 243/07
791653	6/24/2016	CHU 2-STAN	MetalsWater/Prep	O.Reg. 243/07
791654	6/24/2016	CGHU 2-FLU	ICPMS Water	O.Reg. 243/07
791654	6/24/2016	CGHU 2-FLU	MetalsWater/Prep	O.Reg. 243/07

Entry of your submission is based on information contained on your Chain of Custody. If you have any questions regarding this submission, kindly contact Testmark's Customer Service department by email using customer.service@testmark.ca

* Please note this is an estimated date. Over 95% of our reports are completed within 5 business days. Please note however that non-routine and subcontracted analyses may significantly exceed normal turnaround times.

In these cases, a partial report may be issued.