

WSP Canada Inc.

ATTN: Marc St-Germain

100 Commerce Valley Drive West

Thornhill ON L3T 0A1

Date Received: 28-MAY-20

Report Date: 04-JUN-20 14:37 (MT)

Version: FINAL

Client Phone: 905-882-4211

Certificate of Analysis

Lab Work Order #: L2454275
Project P.O. #: 191-09337-01
Job Reference: 500015302

C of C Numbers: Legal Site Desc:

Candice Hunter Account Manager

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ADDRESS: 95 West Beaver Creek Road, Unit 1, Richmond Hill, ON L4B 1H2 Canada | Phone: +1 905 881 9887 | Fax: +1 905 881 8062 ALS CANADA LTD | Part of the ALS Group | An ALS Limited Company





ANALYTICAL GUIDELINE REPORT

L2454275 CONTD....

Page 2 of 3

500015302		ANALTTICAL GOIDELINE REPORT										
Sample Detai Grouping	ls Analyte	Result	Qualifier	D.L.	Units	Analyzed		Guidelir	ne Limits			
L2454275-1 Sampled By: Matrix: Total Metals	PLUMBING		-DFL-S				#1	#2				
Lead (Pb)		2.1		1.0	ug/L	04-JUN-20	10					
L2454275-2 Sampled By: Matrix:	~P2 ST CHRISTOPHER C.S 500 MEREDITH CAKE on 27-MAY-20 PLUMBING)-DFL-F				#1	#2				
Total Metals Lead (Pb)		1.1		1.0	ug/L	04-JUN-20	10					

Detection Limit for result exceeds Guideline Limit. Assessment against Guideline Limit cannot be made.

^{*} Analytical result for this parameter exceeds Guideline Limit listed on this report. Guideline Limits applied:

Reference Information

Methods Listed (if applicable):

ALS Test Code	Matrix	Test Description	Method Reference***					
PB-ONT-DW-243-WT	Water	Lead (O.Reg 243/07)	EPA 200.8					
URB-MET-WT Water Turbidity on preserved metals APHA 2130 B								
by a standard reference su	uspension und	der the same conditions. Sample r	ered by the sample under defined concreadings are obtained from a Nephelor ered in the sample of the	ditions with the intensity of light scattered meter.				
Chain of Custody number		ameations from specified reference	e methods to improve performance.					
The last two letters of the	above test co	ode(s) indicate the laboratory that p	performed analytical analysis for that t	test. Refer to the list below:				
Laboratory Definition Co	de Labora	atory Location	Laboratory Definition Code	Laboratory Location				
WT		NVIRONMENTAL - WATERLOO,						

GLOSSARY OF REPORT TERMS

Surrogates are compounds that are similar in behaviour to target analyte(s), but that do not normally occur in environmental samples. For applicable tests, surrogates are added to samples prior to analysis as a check on recovery. In reports that display the D.L. column, laboratory objectives for surrogates are listed there.

mg/kg - milligrams per kilogram based on dry weight of sample

mg/kg wwt - milligrams per kilogram based on wet weight of sample

mg/kg lwt - milligrams per kilogram based on lipid-adjusted weight

mg/L - unit of concentration based on volume, parts per million.

< - Less than.

D.L. - The reporting limit.

N/A - Result not available. Refer to qualifier code and definition for explanation.

ONTARIO, CANADA

Test results reported relate only to the samples as received by the laboratory.

UNLESS OTHERWISE STATED, ALL SAMPLES WERE RECEIVED IN ACCEPTABLE CONDITION.

Analytical results in unsigned test reports with the DRAFT watermark are subject to change, pending final QC review.

Application of guidelines is provided "as is" without warranty of any kind, either expressed or implied, including, but not limited to, fitness for a particular purpose, or non-infringement. ALS assumes no responsibility for errors or omissions in the information. Guideline limits are not adjusted for the hardness, pH or temperature of the sample (the most conservative values are used). Measurement uncertainty is not applied to test results prior to comparison with specified criteria values.



Quality Control Report

Workorder: L2454275 Report Date: 04-JUN-20 Page 1 of 2

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Test		Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
PB-ONT-DW-243-WT		Water							
Batch R5	106360								
WG3335040-4 Lead (Pb)	DUP		WG3335040-3 9.8	9.8		ug/L	1.0	20	04-JUN-20
WG3335040-2 Lead (Pb)	LCS			99.5		%		70-130	04-JUN-20
WG3335040-1 Lead (Pb)	MB			<1.0		ug/L		1	04-JUN-20
WG3335040-5 Lead (Pb)	MS		WG3335040-3	94.1		%		70-130	04-JUN-20

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Workorder: L2454275 Report Date: 04-JUN-20

Client: WSP Canada Inc. Page 2 of 2

100 Commerce Valley Drive West Thornhill ON L3T 0A1

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Legend:

Limit ALS Control Limit (Data Quality Objectives)

DUP Duplicate

RPD Relative Percent Difference

N/A Not Available

LCS Laboratory Control Sample SRM Standard Reference Material

MS Matrix Spike

MSD Matrix Spike Duplicate

ADE Average Desorption Efficiency

MB Method Blank

IRM Internal Reference Material
CRM Certified Reference Material
CCV Continuing Calibration Verification
CVS Calibration Verification Standard
LCSD Laboratory Control Sample Duplicate

Hold Time Exceedances:

All test results reported with this submission were conducted within ALS recommended hold times.

ALS recommended hold times may vary by province. They are assigned to meet known provincial and/or federal government requirements. In the absence of regulatory hold times, ALS establishes recommendations based on guidelines published by the US EPA, APHA Standard Methods, or Environment Canada (where available). For more information, please contact ALS.

The ALS Quality Control Report is provided to ALS clients upon request. ALS includes comprehensive QC checks with every analysis to ensure our high standards of quality are met. Each QC result has a known or expected target value, which is compared against predetermined data quality objectives to provide confidence in the accuracy of associated test results.

Please note that this report may contain QC results from anonymous Sample Duplicates and Matrix Spikes that do not originate from this Work Order.



ALS-Waterloo, 60 Northland Road, Unit 1, Waterloo, Ontario N2V 2B8

Environmental Division



L2454275-COFC

DRINKING WATER CHAIN OF CUSTODY

ARE THE SAMPLES SUBJECT TO REGULATION 243/07?

YES Circle One

NO

Page: 1 of 1

IF NO IS IT AVAILABLE FOR CONSUMPTION YES NO

Please place separate schools on a SEPARATE Chain of Custody

WORKS	LAB QUOTE		CONTACT NAME	ANALYSES REQUESTED										FOR LAB USE ONLY			
Durham Catholic District School Board PROJECT / 91 - 09337-6			Scott Grieve		Plea	Please indicate test for each sample by Checkmark in the box below											
school NAME/ADDRESS 57- Christopher Cs. 431 Annapolis Ave	HOOL NAME / ADDRESS Christopher C.S.			CONTACT PHONE/FAX /EMAIL Scott.grieve@dcdsb.ca marc.st.germain@wsp.com daniel.buck@wsp.com													C245427
MOE DWIS REGISTRATION#	****		LOCAL PUBLIC HEALTH UNIT		1									ŀ			RECEIVED BY:
500015302			Region of Durham Public Health		1 1 1												(23)
Co-Locate Facility: NAME/DWIS#	WORK	S CATEGORY	HEALTH UNIT CONT		-						ŀ	ؾٰ		1			DATE/TIME: /3 '00
CO-Locate Facility. NAMED WIST	School Nursery		Tel: 905-668-7711 Fax: 905-666-6214		Lead						or attach):	ķ				Mary 281	
SAMPLE DESCRIPTION - Please provide information to completely identify the sample location (e.g. School Name, Room #, etc). This description will appear on the Report.		Plumbing Sample Point Please indicate ONE	Sampling D	eate/Time Time	Ont DW Le							Other (specify	Check if NOT ok	pH <2	Volume 1L	Time Check	TEMPERATURE AT RECEIPT: 19-2
STANDING	Stand Time			-		\exists	\forall			1 ''1		Ť					
	(hh:mm)	TAP/ OTHER			+	\dashv	-	+		-		+		\dashv			
Time-period Plumbing not in use										\perp		1				<u> </u>	•
500015302-H109-DA-S	6+hrs	DF	5/27/20	14:22													
FLUSHED	Flush Time (hh:mm)	TAP/ OTHER															
Length of Flushing Time					\												
500015302-H109-PF-F	00:05	OF	5/27/20	14:57	X												
							-	+		+		+	\vdash				
RESAMPLE YES - NO		Please ensure bott	le is labelled similarly	· · · · · · · · · · · · · · · · · · ·		l							<u>. </u>		D-/:		
SAMPLED BY (print): Were d.th. Catcle SUBMITTED TO LAB BY: (SIGNATURE)			Contact Number 437-213 DATE 5 / 27 /		Other Comments/Cautions (Please identify known or suspected hazards) / Refere Please invoice to marc.st.germain@wsp.com												
			1 11 611	2020	J			4%						٧	rv I-FŅ	n-U275	5f v05 Reg 243/07 CoC Date: 28-Feb-15