

WSP Canada Inc. ATTN: Marc St-Germain 100 Commerce Valley Drive West Thornhill ON L3T 0A1 Date Received:19-JUN-20Report Date:29-JUN-20 10:10 (MT)Version:FINAL

Client Phone: 905-882-4211

Certificate of Analysis

Lab Work Order #: L2463786 Project P.O. #: 191-09337-

Job Reference: C of C Numbers: Legal Site Desc: 191-09337-01 500015653

ke Ilinter

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

Environmental 💭

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RIGHT SOLUTIONS RIGHT PARTNER



500015653

ANALYTICAL GUIDELINE REPORT

L2463786 CONTD

Page 2 of 3 29-JUN-20 10:10 (MT)

00015653 Sample Details	`								29-JUN-20 1	0:10 (MT)
Grouping	Analyte	Result	Qualifier	D.L.	Units	Analyzed		Guidelir	ne Limits	
Sampled By:	~P1 ST. BERNARD-500015653-I M. CAKE on 17-JUN-20 @ 16:24 PLUMBING						#1	#2		
Total Metals Lead (Pb)		1.2		1.0	ug/L	25-JUN-20	10			
	~P2 ST. BERNARD-500015653-I			1.0	ug/L	23-3011-20	10			
Sampled By:	M. CAKE on 17-JUN-20 @ 17:00 PLUMBING						#1	#2		
Total Metals Lead (Pb)		<1.0		1.0	ug/L	25-JUN-20	10			
		<1.0		1.0	ug/L	23-3011-20	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:

Ontario Drinking Water Regulation (ODWQS) JAN.1,2020 = [Suite] - ON-DW-STANDARD+GUIDELINES

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
TURB-MET-WT	Water	Turbidity on preserved metals	APHA 2130 B

Sample result is based on a comparison of the intensity of the light scattered by the sample under defined conditions with the intensity of light scattered by a standard reference suspension under the same conditions. Sample readings are obtained from a Nephelometer.

*** ALS test methods may incorporate modifications from specified reference methods to improve performance.

Chain of Custody numbers:			
The last two letters of the above	ve test code(s) indicate the labor	ratory that performed analytical analysis for the	at test. Refer to the list below:
Laboratory Definition Code	Laboratory Location	Laboratory Definition Code	Laboratory Location
WT	ALS ENVIRONMENTAL - WA ONTARIO, CANADA	TERLOO,	

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.

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: L2463786		6	Report Date:	29-JUN-20		Page 1 of 2	
Client:		ada Inc. merce Valley D ON L3T 0A1	Drive West						
Contact:	Marc St-G	Sermain							
Test		Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
	R5131794	Water							
WG3348814-4 Lead (Pb)	4 DUP		WG3348814-3 1.2	1.2		ug/L	2.1	20	25-JUN-20
WG3348814-2 Lead (Pb)	2 LCS			92.9		%		70-130	25-JUN-20
WG3348814- Lead (Pb)	1 MB			<1.0		ug/L		1	25-JUN-20
WG3348814- Lead (Pb)	5 MS		WG3348814-3	88.3		%		70-130	25-JUN-20

Workorder: L2463786

Report Date: 29-JUN-20

Client:	WSP Canada Inc.
	100 Commerce Valley Drive West
	Thornhill ON L3T 0A1
Contact:	Marc St-Germain

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.



L2463786-COFC

Environmental Divisi

DRINKING WATER CHAIN OF CUSTODY

NO

ARE THE SAMPLES SUBJECT TO REGULATION 243/07?

Circle One

YES

IF NO IS IT AVAILABLE FOR CONSUMPTION YES NO Please place separate schools on a SEPARATE Chain of Custody

ALS-Waterloo, 60 Northland Road, Unit 1, Waterloo, Ontario N2V 2B8 Phone: 519-886-6910 Fax: 519-886-9047 Toll-Free 1-800-668-9878

WORKS LAB QUOTE Q63028			CONTACT NAME	ANALYSES REQUESTED											FOR LAB USE ONLY				
Durham Catholic District School Board PROJECT 91-09337-0			Scott Grieve			Please indicate test for each sample by Checkmark in the box below					below		\square DB						
SCHOOL NAME / ADDRESS	CONTACT PHONE/FA	X /EMAIL														SUBMISSION NO.			
	Scott.grieve@dcdsb.ca marc.st.germain@wsp.com															1,71,7701			
51. Banard, 1000 D																LZ4103786			
	daniel.buck@wsp.com																		
MOE DWIS REGISTRATION#	LOCAL PUBLIC HEALT	H UNIT														RECEIVED BY:			
50005653	Region of Durham Public Health															dealer			
Co-Locate Facility: NAME/DWIS#	WORK	S CATEGORY	HEALTH UNIT CONTA	CT PHONE/FAX								attach):	•				DATE/TIME: 19/2		
	Schooly	Private School	Tel: 905-668	3-7711									ttac					(Inkie 1 1/4)	
	Nursery 🗅		Fax: 905-666-6214			ad		Lead			orat	4	¥			- 9:00			
SAMPLE DESCRIPTION . Plassa provide	information					Ľ							ci∱				ک		
SAMPLE DESCRIPTION - Please provide information Plumbing Same to completely identify the sample location (e.g. Point			Sampling Date/Time			M		M						(spe	Other (specify Check if NOT		ne 1L	Che	24.02
School Name, Room #, etc). This descript appear on the Report.		Please indicate ONE	Date	Time		Ont	Ont						Other (specify	her	DH <2	Volume	Time Check	LAB ID	
	Stand Time					Ť					┝─┼─	+ - +			-	+-	<u>+-</u> -	1	
STANDING	(hh:mm)	TAP/ OTHER																	
Time-period Plumbing not in use															6	ß			
500015653-R3015-T-S	6+	TAP	11/6/2020	16-24		Х								L	4	╧			
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FLUSHED	Flush Time (hh:mm)	TAP/ OTHER																	
Length of Flushing Time																			
500015653-RS015-T-F	SMM	TAP	17/6/2020	17.00		X								٤	4	—		-	
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				1										╈			+		
RESAMPLE YES D NO	X	Please ensure bot	tle is labelled similarly		-														
SAMPLED BY (print):			Contact Number		Othe	r Com	ments	s/Caut	ions (F	lease i	dentify k	nown or s	suspecte	d ha	zards)	/ Refe	rence	Info (P.O. #, Proj #)	
Meredith Cake	437-213-	4850	Please invoice to marc.st.germain@wsp.com																
SUBMITTED TO LAB BY (SIGNATURE)			DATE																
	17/6/2070	\$												WT-F	M-02	75f v05 Reg 243/07 CoC			