

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 10:15 (MT)Version:FINAL

Client Phone: 905-882-4211

Certificate of Analysis

Lab Work Order #: L2463812

Project P.O. #: Job Reference: C of C Numbers: Legal Site Desc: 191-09337-01 500334764

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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

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500334764

ANALYTICAL GUIDELINE REPORT

L2463812 CONTD

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Sample Detai Grouping	ls Analyte	Result	Qualifier	D.L.	Units	Analyzed	Guideline Limits							
L2463812-1	~P1 ST. JOHN PAUL II C.S500	334764-H105-	1											
Sampled By: Matrix:	M. CAKE on 17-JUN-20 @ 15:05 PLUMBING						#1	#2						
Total Metals														
Lead (Pb)		<1.0		1.0	ug/L	25-JUN-20	10							
L2463812-2	~P2 ST. JOHN PAUL II C.S500		DFR-F											
Matrix:	M. CAKE on 17-JUN-20 @ 15:40 PLUMBING						#1	#2						
Total Metals														
Lead (Pb)		<1.0		1.0	ug/L	25-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:

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 sample	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 about	ve test code(s) indicate the labora	atory 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 - WAT 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:	L246381	2	Report Date:	29-JUN-20		Page 1 of 2
Client:		ada Inc. nerce Valley [ON L3T 0A1	Drive West						
Contact:	Marc St-G	Sermain							
Test		Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
PB-ONT-DW-243	3-WT	Water							
Batch WG3348818-4 Lead (Pb)	R5131862 4 DUP		WG3348818-3 7.9	8.0		ug/L	2.1	20	25-JUN-20
WG3348818-2 Lead (Pb)	2 LCS			93.1		%		70-130	25-JUN-20
WG3348818- Lead (Pb)	1 MB			<1.0		ug/L		1	25-JUN-20
WG3348818-5 Lead (Pb)	5 MS		WG3348818-3	88.4		%		70-130	25-JUN-20

Workorder: L2463812

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.





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Environmental Division

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 **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

WORKS LAB QUOTE Q63028		CONTACT NAME									FOR LABUSE ONLY					
			Scott Grieve		Please indicate test for each sample by Checkmark in the box below											
SCHOOL NAME / ADDRESS			CONTACT PHONE/FAX /EMAIL													SUBMISSION NO.
	120 31	Scott.grieve@dcdsb.ca														
St. John Paul II C.S, 160 Cachet Bird			marc.st.germain@wsp.com													12463812
	/	Bird	daniel.buck@wsp.cc	om							1	1		!		- 1
MOE DWIS REGISTRATION#			LOCAL PUBLIC HEAL	TH UNIT												RECEIVED BY:
500334764			Region of Durham Public Health													
Co-Locate Facility: NAME/DWIS#	WORK	S CATEGORY	HEALTH UNIT CONT	ACT PHONE/FAX	1						🛱			;		DATE TIME: LA / A O
	School	Private School	Tel: 905-66	68-7711					attach):					one man		
	í`	ursery 🛛	Fax: 905-666-6214		7	Lead				or at	1×				9:00	
SAMPLE DESCRIPTION - Please provide i to completely identify the sample location	n (e.g.	Plumbing Sample Point	Sampling D	ate/Time							Other (specify	Check if NOT o		ne 1L	Check	TEMPERATURE AT RECEIPT:
School Name, Room #, etc). This descript appear on the Report.	ion will	Please indicate ONE	Date	Time		Ont DW					Other	Check	pH <2	Volume 1L	Time (LAB ID
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Time-period Plumbing not in use																
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FLUSHED	Flush Time (hh:mm)	TAP/ OTHER														
Length of Flushing Time																
500334764-H105-DFR-F	Con B															
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SUBMITTED TO LAB BY: (SIGNATURE)			437-213 DATE	5-4050		130 I			ndi U.SL.	Jennani	wwsp.u	2011	1			
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