

WSP Canada Inc. ATTN: Marc St-Germain 100 Commerce Valley Drive West Thornhill ON L3T 0A1 Date Received: 19-JUN-20 Report Date: 29-JUN-20 10:26 (MT) Version: FINAL

Client Phone: 905-882-4211

# Certificate of Analysis

Lab Work Order #: L2463835 Project P.O. #: 191-09337-

Job Reference: C of C Numbers: Legal Site Desc: 191-09337-01 500015796

ke Ilinter

Candice Hunter Account Manager

[This report shall not be reproduced except in full without the written authority of the Laboratory.]

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 💭

www.alsglobal.com

**RIGHT SOLUTIONS** RIGHT PARTNER



500015796

## ANALYTICAL GUIDELINE REPORT

L2463835 CONTD ....

Page 2 of 3 29-JUN-20 10:26 (MT)

Souris796 29-JUN-20 10:26 (MT) Sample Details											
Grouping Analyte	Result	Qualifier	D.L.	Units	Analyzed		Guidelir	ne Limits			
L2463835-1 ~P1 GIFFARD CENTRE-500015 Sampled By: D. BUCK on 17-JUN-20 @ 13:37 Matrix: PLUMBING		S				#1	#2				
Total Metals Lead (Pb)	2.9		1.0	ug/L	29-JUN-20	10					
L2463835-2 ~P2 GIFFARD CENTRE-500015 Sampled By: D. BUCK on 17-JUN-20 @ 14:12	796-H100-DF	F				#1	#2				
Matrix: PLUMBING Total Metals						<i>#</i> 1	#2				
Lead (Pb)	2.2		1.0	ug/L	29-JUN-20	10					
<u></u>											

\*\* 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 above	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 - 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:	L2463835		Report Date:	29-JUN-20		Page 1 of 2
Client:		ada Inc. nerce Valley Dri <sup>.</sup> ON L3T 0A1	ve West						
Contact:	Marc St-G	Germain							
Test		Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
PB-ONT-DW-243	-WT	Water							
Batch I	R5135631								
WG3350852-4 Lead (Pb)	4 DUP		<b>WG3350852-3</b> <1.0	<1.0	RPD-NA	ug/L	N/A	20	29-JUN-20
WG3350852-2 Lead (Pb)	2 LCS			96.1		%		70-130	29-JUN-20
WG3350852-1 Lead (Pb)	I MB			<1.0		ug/L		1	29-JUN-20
WG3350852-5 Lead (Pb)	5 MS		WG3350852-3	87.2		%		70-130	29-JUN-20

Workorder: L2463835

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

### Sample Parameter Qualifier Definitions:

Qualifier	Description
RPD-NA	Relative Percent Difference Not Available due to result(s) being less than detection limit.

### 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.



### **Environmental Division**





NO

Page: 1 of 1

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 Please indicate test for each sample by Checkmark in the box below												FOR LAB USE ONLY		
Durham Catholic District School Board	PROJECT		Scott G	Frieve		Р	lease	indicat	e test	for eac	h sam	ole by C	heckm	ark in	the b	ox be	vole			
SCHOOL NAME / ADDRESS	10	063028 03 G Afaè 51 J	CONT/ Scott.c marc.s daniel.	ACT PHONE/FA rieve@dcdsb.c t.germain@ws buck@wsp.cor	X /EMAIL <u>ca</u> p.com n														SUBMISSION NO. L2463835	
MOE DWIS REGISTRATION# 5000 5796			LOCAL Reg	PUBLIC HEALT	H UNIT Public Health									ä					RECEIVED BY: DB DATE/TIME:	
Co-Locate Facility: NAME/DWIS#	WORKS CATEGORY School & Private School □ Nursery □		HEALTH UNIT CONTACT PHONE/FAX Tel: 905-668-7711 Fax: 905-666-6214		-	Lead							/ or attach):	ok				TEMPERATURE AT		
SAMPLE DESCRIPTION - Please provide information to completely identify the sample location (e.g.		Plumbing Sample Point	Sampling Date/Time			Š								Check if NOT ok	5	Volume 1L		RECEIPT: 24.2		
School Name, Room #, etc). This descript appear on the Report.		Please indicate ONE		Date	Time									Other (specify	Chec	₽ ₩	Volu	Time	LAB ID	
STANDING	Stand Time (hh:mm)	TAP/ OTHER														r A	2			
Time-period Plumbing not in use	6th75-	DF	Ju	17/20	13:37		X						_		4					
FLUSHED	Flush Time (hh:mm)	TAP/ OTHER																		
Length of Flushing Time Scools 79,6 - HICO-DF-F	5 min	DF		/	14:12		<u>×</u>						_						-	
RESAMPLE YES D NO	└──								<u> </u>			<u> </u>		<u> </u>	L					
CAMPLED BY (min)	Buck wDD	Please ensure bot	Contact	437-213	-4850 8/20	Other (													info (P.O. #, Proj #) 5/ v05 Reg 243/07 CoC Date: 28-Feb-15	