

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 14:36 (MT) Version: FINAL

Client Phone: 905-882-4211

Certificate of Analysis

Lab Work Order #: L2454270 Project P.O. #: 191-09337-

Job Reference: C of C Numbers: Legal Site Desc: 191-09337-01 500015458

ke Illinter

Candice Hunter Account Manager

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Environmental 💭

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500015458

ANALYTICAL GUIDELINE REPORT

L2454270 CONTD

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Sample Detai Grouping	ls Analyte	Result	Qualifier	D.L.	Units	Analyzed			ne Limits	
L2454270-1 Sampled By: Matrix:	~P1 MSGR. PHILIP COFFEY C. MEREDITH CAKE on 27-MAY-20 PLUMBING	S. 500015458-					#1	#2		
Total Metals		5.0		1.0		04 11 10 00	40			
Lead (Pb)	~P2 MSGR. PHILIP COFFEY C.	5.6 \$. 500015458·	H106-DFI	1.0 R-F	ug/L	04-JUN-20	10			
Sampled By: Matrix:							#1	#2		
Total Metals		2.1		1.0		04 11 10 20	40			
Lead (Pb)		2.1		1.0	ug/L	04-JUN-20	10			
1										

** 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 test code(s) indicate the laboratory that performed analytical analysis for that test. Refer to the list below:						
Laboratory Definition Code	Laboratory Location	Laboratory Definition Code	Laboratory Location			
WT	ALS ENVIRONMENTAL - WATERLO ONTARIO, CANADA	O,				

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:	L2454270)	Report Date:	04-JUN-20		Page 1 of 2
Client:		nada Inc. merce Valley [ON L3T 0A1	Drive West						
Contact:	Marc St-G	Germain							
Test		Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
PB-ONT-DW-243	3-WT	Water							
Batch WG3335040-4 Lead (Pb)	R5106360 4 DUP		WG3335040-3 9.8	9.8		ug/L	1.0	20	04-JUN-20
WG3335040-2 Lead (Pb)	2 LCS			99.5		%		70-130	04-JUN-20
WG3335040- Lead (Pb)	1 MB			<1.0		ug/L		1	04-JUN-20
WG3335040- Lead (Pb)	5 MS		WG3335040-3	94.1		%		70-130	04-JUN-20

Workorder: L2454270

Report Date: 04-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.

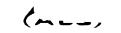
Please note that this report may contain QC results from anonymous Sample Duplicates and Matrix Spikes that do not originate from this Work Order.



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



Environmental Division



DRINKING WATER CHAIN OF CUSTODY

NO

XI)

JE THE SAMPLES SUBJECT TO REGULATION 243/07?

YES Circle One

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 LAB USE ONLY ANALYSES REQUESTED Durham Catholic District School Board PROJECT 191-09337-01 Scott Grieve Please indicate test for each sample by Checkmark in the box below SCHOOL NAME / ADDRESS CONTACT PHONE/FAX /EMAIL SUBMISSION NO Msgr. Philip Coffey C.S. 1324 Oxford Street Scott.grieve@dcdsb.ca marc.st.germain@wsp.com daniel.buck@wsp.com RECEIVED BY MOE DWIS REGISTRATION# LOCAL PUBLIC HEALTH UNIT Region of Durham Public Health 500015458 attach): Co-Locate Facility: NAME/DWIS# HEALTH UNIT CONTACT PHONE/FAX DATE/TIME WORKS CATEGORY School X Private School Tel: 905-668-7711 Nurserv Fax: 905-666-6214 DW Lead ٦ ¥ TEMPERATURE AT Other (specify Check if NOT **Time Check** SAMPLE DESCRIPTION - Please provide information RECEIPT: Volume 1L **Plumbing Sample** to completely identify the sample location (e.g. Point Sampling Date/Time pH <2 School Name, Room #, etc). This description will Ont Date Time appear on the Report. LAB ID Please indicate ONE Stand Time STANDING TAP/ OTHER (hh:mm) Time-period Plumbing not in use 500015458-4106 6+ DIAF 5127120 17:17 DFR Flush Time FLUSHED TAP/ OTHER (hh:mm) Length of Flushing Time 5/27/20 1752 500015458-H106-BF-F 00:05 DF RESAMPLE YES 🛛 NO 🕊 Please ensure bottle is labelled similarly SAMPLED BY (print): Contact Number Other Comments/Cautions (Please identify known or suspected hazards) / Reference Info (P.O. #, Proj #) Please invoice to marc.st.germain@wsp.com Meredith Cake 437-213-4850 SUBMITTED TO LAB BY: (SIGNATURE) DATE 12712020 5

Please photocopy for your records.

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