

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 09:46 (MT)

Version: FINAL

Client Phone: 905-882-4211

# Certificate of Analysis

Lab Work Order #: L2463732
Project P.O. #: 191-09337-01
Job Reference: 500015250

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**

L2463732 CONTD....

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500015250		ANALI TICAL GOIDELINE KEFOK						Page 2 of 29-JUN-20 09:46 (I					
Sample Detail Grouping	s Analyte	Result	Qualifier	D.L.	Units	Analyzed			ne Limits				
L2463732-1	~P1 ST.BERNADETTE 5000152 M. CAKE on 18-JUN-20 @ 14:20 PLUMBING	50-HWRFI-BF					#1	#2					
Total Metals Lead (Pb)		<1.0		1.0	ug/L	25-JUN-20	10						
L2463732-2 Sampled By: Matrix:	~P2 ST.BERNADETTE 50001529 M. CAKE on 18-JUN-20 @ 14:56 PLUMBING		F-F				#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:

### **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							
			red by the sample under defined condit eadings are obtained from a Nephelom							
*** ALS test methods may inc	corporate mo	difications from specified reference	e methods to improve performance.							
*** ALS test methods may inc		difications from specified reference	e methods to improve performance.							
Chain of Custody number	s:	· · · · · · · · · · · · · · · · · · ·	e methods to improve performance.	st. Refer to the list below:						
Chain of Custody number	s: above test co	· · · · · · · · · · · · · · · · · · ·		st. Refer to the list below: Laboratory Location						

#### **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**

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Test		Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
PB-ONT-DW-243-WT		Water							
Batch R5131861									
<b>WG3348810-4</b> Lead (Pb)	DUP		<b>WG3348810-3</b> 2.0	2.0		ug/L	0.6	20	25-JUN-20
<b>WG3348810-2</b> Lead (Pb)	LCS			91.6		%		70-130	25-JUN-20
<b>WG3348810-1</b> Lead (Pb)	MB			<1.0		ug/L		1	25-JUN-20
<b>WG3348810-5</b> Lead (Pb)	MS		WG3348810-3	90.7		%		70-130	25-JUN-20

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Legend:

Contact:

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.



### **Environmenta**

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**

ARE THE SAMPLES SUBJECT TO REGULATION 243/07?

YES Circle One NO

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

WORKS	CONTACT NAME			ANALYSES REQUESTED									FOR LAB USE ONLY			
Ourham Catholic District School Board PROJECT   9   -69337-61			Scott Grieve		Р	Please indicate test for each sample by Checkmark in the box below										
St. Bernadette, 41 B	CONTACT PHONE/FAX /EMAIL Scott.grieve@dcdsb.ca marc.st.germain@wsp.com daniel.buck@wsp.com  LOCAL PUBLIC HEALTH UNIT Region of Durham Public Health HEALTH UNIT CONTACT PHONE/FAX												L246373			
MOE DWIS REGISTRATION#			1											RECENTROJBY:		
500015250														111		
Co-Locate Facility: NAME/DWIS#  WORKS CATEGORY School Private School Nursery  SAMPLE DESCRIPTION - Please provide information to completely identify the sample location (e.g.  WORKS CATEGORY School Private School Pri				Ont DW Lead			v affach):		Other (specify or attach):	ايرا				PATE/7/MÉ: 19 /0( 9, 00		
							specify (		Check if NOT ok		ne 1L	Check	TEMPERATURE AT RECEIPT:			
School Name, Room #, etc). This descript appear on the Report.	tion will	Please indicate ONE	Date	Time							Other	Check	pH <2	Volume 1L	Time	LAB ID
STANDING	Stand Time (hh:mm)	TAP/ OTHER														
Time-period Plumbing not in use																I
500015250-HWRFI-BFF-5	6+	DF	6 18/612020	14:20		<						V	Ø	5		
FLUSHED	Flush Time (hh:mm)	TAP/ OTHER														
Length of Flushing Time													Δ			
500015250-HWRF1-BFF-F	Smin	DF	181612020	14:56		×						<u> </u>				, , , , , , , , , , , , , , , , , , ,
				<del> </del>	++	+			$\vdash$	+			$\dashv$	_		
RESAMPLE YES   NO	<b>7</b>	Please ensure hottl	le is labelled similarly	1				L		<u> </u>	<u> </u>					
SAMPLED BY (print):		i loude cridure bott	Contact Number		Other Co	omment	s/Cautions	(Please id	lentify kno	own or sus	pected	hazaro	ds)/R	Refere	ence Ir	nfo (P.O. #, Proj #)
Meredian Care	a.		437-213-	-4850			oice to	•	-		•		,			
SUBMITTED TO LAB BY: (SIGNATURE)	18/6/7020			WT-FM-027						I-0275	of v05 Reg 243/07 CoC Date: 28-Feb-15					

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