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

Date Received: 23-JUL-21
Report Date: 03-AUG-21 09:55 (MT)
Version: FINAL

Client Phone: 905-882-4211

Certificate of Analysis

Lab Work Order #: L2618440

Project P.O. #: 191-09337-03
Job Reference: 500411685
C of C Numbers:
Legal Site Desc:

Candice Hunter
Account Manager

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Sample Details Grouping	Analyte	Result	Qualifier	D.L.	Units	Analyzed	Guideline Limits			
L2618440-1	~P1 FATHER FENELON C.S. H123-BF-S									
Sampled By:	MEREDITH CAKE on 23-JUL-21 @									
Matrix:	PLUMBING						#1	#2		
Total Metals										
	Lead (Pb)	<1.0		1.0	ug/L	26-JUL-21	10			
L2618440-2	~P2 FATHER FENELON C.S. H123-BF-F									
Sampled By:	MEREDITH CAKE on 23-JUL-21 @									
Matrix:	PLUMBING						#1	#2		
Total Metals										
	Lead (Pb)	<1.0		1.0	ug/L	26-JUL-21	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

#1: Schedule 1 (Microbiological) and 2 (Chemical) Standards (JAN,2020) **#2: Ontario DW Aesthetic and Operational Guidelines (June, 2006)**

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 - WATERLOO, ONTARIO, CANADA		

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: L2618440 Report Date: 03-AUG-21

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Thornhill ON L3T 0A1
Contact: Marc St-Germain

Test	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
PB-ONT-DW-243-WT	**Water**							
Batch R5529631								
WG3583687-4 DUP		**WG3583687-3**						
Lead (Pb)		6.9	7.0		ug/L	1.5	20	26-JUL-21
WG3583687-2 LCS								
Lead (Pb)			99.3		%		70-130	26-JUL-21
WG3583687-1 MB								
Lead (Pb)			<1.0		ug/L		1	26-JUL-21
WG3583687-5 MS		**WG3583687-3**						
Lead (Pb)			93.3		%		70-130	26-JUL-21

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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 pre-determined 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 Laboratory Group
ANALYTICAL CHEMISTRY & TESTING SERVICES

Environmental Division

L2618440-COFC

KING 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 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 **Durham Catholic District School Board**	LAB QUOTE **Q63028** PROJECT 191-09337-03	CONTACT NAME **Scott Grieve**
SCHOOL NAME / ADDRESS Father Fenelon C.S., 3009 [illegible] 795 Eyer Dr, Pickering, ON		CONTACT PHONE/FAX /EMAIL Scott.grieve@dcdsb.ca marc.st.germain@wsp.com daniel.buck@wsp.com
MOE DWIS REGISTRATION# 500411685		LOCAL PUBLIC HEALTH UNIT Region of Durham Public Health
Co-Locate Facility: NAME/DWIS# Father Fenelon C.S. YMCA 500429859	WORKS CATEGORY School ☒ Private School ☐ Nursery ☐	HEALTH UNIT CONTACT PHONE/FAX Tel: 905-668-7711 Fax: 905-666-6214

ANALYSES REQUESTED
Please indicate test for each sample by Checkmark in the box below

FOR LAB USE ONLY
SUBMISSION NO. L2618440
RECEIVED BY: [illegible]
DATE/TIME: 7/23/21 [illegible]
TEMPERATURE AT RECEIPT: 18.1

SAMPLE DESCRIPTION - Please provide information to completely identify the sample location (e.g. School Name, Room #, etc). This description will appear on the Report.		Plumbing Sample Point Please indicate ONE	Sampling Date/Time Date	Time	Ont DW Lead	Other (specify or attach):	Check if NOT ok	pH <2	Volume 1L	Time Check	LAB ID
STANDING	Stand Time (hh:mm)	TAP/ OTHER									
Time-period Plumbing not in use											
H123-BF-S	6hrs	BF	23/7/21	12:15	X						
FLUSHED	Flush Time (hh:mm)	TAP/ OTHER									
Length of Flushing Time											
H123-BWF-F	5min	BF	23/7/21	12:50	X						

RESAMPLE YES ☐ NO ☒ Please ensure bottle is labelled similarly

SAMPLED BY (print): Meredith Cake	Contact Number 437-213-4850	Other Comments/Cautions (Please identify known or suspected hazards) / Reference Info (P.O. #, Proj #) Please invoice to marc.st.germain@wsp.com
SUBMITTED TO LAB BY: (SIGNATURE) [signature]	DATE 23/7/21	

WT-FM-0275f v05 Reg 243/07 CoC
Date: 28-Feb-15

Please photocopy for your records