

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 10:14 (MT)

Version: FINAL

Client Phone: 905-882-4211

Certificate of Analysis

Lab Work Order #: L2463791
Project P.O. #: 191-09337-01
Job Reference: 500015809

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

L2463791 CONTD.... Page 2 of 3

500015809 29-JUN-20 10:14 (MT) Sample Details Grouping Result Qualifier D.L. Units Analyte Analyzed **Guideline Limits** ~P1 ST. LEO C.S.-500015809-H22-BFF-S L2463791-1 M. CAKE on 17-JUN-20 @ 14:18 Sampled By: #1 #2 Matrix: **PLUMBING Total Metals** Lead (Pb) 7.9 1.0 ug/L 25-JUN-20 10 L2463791-2 ~P2 ST. LEO C.S.-500015809-H22-BFF-F Sampled By: M. CAKE on 17-JUN-20 @ 14:54 #1 #2 Matrix: **PLUMBING Total Metals** Lead (Pb) 2.7 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 conditions with the intensity of light scattere eadings are obtained from a Nephelometer. | | | | | | | |
| , | cornorate mo | difications from specified reference | e methods to improve performance | | | | | | | |
| , | <u>'</u> | difications from specified reference | e methods to improve performance. | | | | | | | |
| ** ALS test methods may inc | s: | · · · · · · · · · · · · · · · · · · · | e methods to improve performance. performed analytical analysis for that test. Refer to the list below: | | | | | | | |
| ** ALS test methods may inc | s: above test co | · · · · · · · · · · · · · · · · · · · | | | | | | | | |

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

Workorder: L2463791 Report Date: 29-JUN-20 Page 1 of 2

Client: WSP Canada Inc.

100 Commerce Valley Drive West

Thornhill ON L3T 0A1

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| Test | | Matrix | Reference | Result | Qualifier | Units | RPD | Limit | Analyzed |
|---------------------------------|--------|--------|---------------------------|--------|-----------|-------|-----|--------|-----------|
| PB-ONT-DW-243-V | VT | Water | | | | | | | |
| Batch R5 | 131862 | | | | | | | | |
| WG3348818-4 Lead (Pb) | DUP | | WG3348818-3 7.9 | 8.0 | | ug/L | 2.1 | 20 | 25-JUN-20 |
| WG3348818-2 Lead (Pb) | LCS | | | 93.1 | | % | | 70-130 | 25-JUN-20 |
| WG3348818-1 Lead (Pb) | MB | | | <1.0 | | ug/L | | 1 | 25-JUN-20 |
| WG3348818-5 Lead (Pb) | MS | | WG3348818-3 | 88.4 | | % | | 70-130 | 25-JUN-20 |

Quality Control Report

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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 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

ALS-Waterloo, 60 Northland Road, Unit 1, Waterloo, Ontario N2V 2B8





DRINKING WATER CHAIN OF CUSTODY

ARE THE SAMPLES SUBJECT TO REGULATION 243/07?

NO YES Circle One

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

| Phone: 519-886-6910 Fax: 519-886-9047 | Toll-Free 1-8 | 00-668-9878 | | | | | | | | | | | , |
|--------------------------------------------------------------|----------------|---------------------|---------------------------------------------------------------------|--------|----------------------------------------------------------------------------------------|---------------------------------------------------|--------------|---------------|-------------------|----------------|----------------|----------------------------------------|-------------------------|
| WORKS | LAB QUOTE | | 33028 CONTACT NAME - O 9 3 3 7 → 0 \ Scott Grieve | | ANALYSES REQUESTED Please indicate test for each sample by Checkmark in the box below | | | | | | | FOR LAB USE ONLY | |
| Durham Catholic District School Board | PROJECT \ | <u>7 (-09337-01</u> | | | Plea | eckmari | s in th | ne box | below | т — | SUBMISSION NO. | | |
| SCHOOL NAME / ADDRESS | | | CONTACT PHONE/FAX /EMAIL | | | | | | 1 | | | | SURMISSION NO. |
| | | 0 101 | Scott.grieve@dcdsb.ca | | | | 1 1 | 1 | | | | | 10011 2701 |
| St. Leo C.S, 120 Watford St. | | | marc.st.germain@wsp.com daniel.buck@wsp.com | | | | | 1 1 | | | 1 | | L2463791 |
| | | | | | 1 1 | | | | - | | | | |
| MOE DWIS REGISTRATION# | | | LOCAL PUBLIC HEALTH UNIT | | | | | | | | 1 | ł | RECEIVED BY: |
| 560015809 | | | Region of Durham Public Health | | | | | | | | | i | |
| Co-Locate Facility: NAME/DWIS# | WORKS CATEGORY | | HEALTH UNIT CONTACT PHONE/FAX Tel: 905-668-7711 Fax: 905-666-6214 | | 1 | | | attach): | ÷ | | | | DATE/TIME: 9/80 |
| Co-Locate Facility: NAME/DVVIS# | School Nursery | | | | | | | ' | ac | | | | Wind 14/40 |
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| SAMPLE DESCRIPTION - Please provide | information | n Plumbing Sample | Sampling Date/Time | | = | | | ! | 5 | 5 | ب ا | 쏤 | RECEIPT: |
| to completely identify the sample locatio | n (e.g. | Point | | | _ <u>M</u> | | | gs | ďs : | = _ | Volume 1L | Time Check | 74.2 |
| School Name, Room #, etc). This descripappear on the Report. | tion will | | Date | Time | = | | | ا ق | <u> </u> | Check DH <2 | 5 | 힅 | |
| | | Please indicate ONE | Date | , inie | Ont | | | | ទី វ | 5 <u> </u> ∃ | . <u>\$</u> | Ē | LAB ID |
| | Stand Time | | | | | | | | Т | | | | |
| STANDING | (hh:mm) | TAP/ OTHER | | | | | | + | + | -+- | ┼ | + | - |
| Time-period Plumbing not in use | | | 17/6/20 | | | | | \perp | \bot | 1 | 1_ | _ | _ |
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| Length of Flushing Time | | | | | | | | | \dashv | | | <u> </u> | |
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| DECAMPLE VEG. NO. | <u> </u> | <u> </u> | <u> </u> | | | | <u> </u> | | _ | | — | ــــــــــــــــــــــــــــــــــــــ | <u> </u> |
| RESAMPLE YES - NO | <u> </u> | Please ensure bott | le is labelled similarly | | | nments/Cautions (Ple | | | 40 d b | da | / Dofo | rongo | Info /P.O. # Proi #) |
| SAMPLED BY (print): | | | Contact Number | . 4050 | | | | | | | , Kele | HILLE | 1110 (1 .O. #, 1 10) #/ |
| SUBMITTED TO LAB BY: (SIGNATURE) | | | 437-213-4850 | | riease | Please invoice to marc.st.germain@wsp.com | | | | | | | |
| SUBMITTED TO LAB BY: (SIGNATURE) | | | DATE | | | | | | | | | | |
| | | | 17/6/2020 | | 100 | | | | | | - WT-F | M-027 | 75f v05 Reg 243/07 CoC |

Date: 28-Feb-15 Page: 1 of 1