




---

## CERTIFICATE OF ANALYSIS (GUIDELINE EVALUATION)

---

<p><b>Work Order</b> : <b>WT2324168</b></p> <p><b>Client</b> : <b>WSP Canada Inc.</b></p> <p><b>Contact</b> : Scott Grieve</p> <p><b>Address</b> : Durham Catholic District School Board 100 Commerce Valley Drive West Thornhill ON Canada L3T 0A1</p> <p><b>Telephone</b> : ----</p> <p><b>Project</b> : 500015302</p> <p><b>PO</b> : 191-09337-01 DCSB</p> <p><b>C-O-C number</b> : ----</p> <p><b>Sampler</b> : Joelle</p> <p><b>Site</b> : 500015302</p> <p><b>Quote number</b> : Regulated Water - (Durham Catholic District School Board) Reg 243 Leads</p> <p><b>No. of samples received</b> : 2</p> <p><b>No. of samples analysed</b> : 2</p>	<p><b>Page</b> : 1 of 4</p> <p><b>Laboratory</b> : ALS Environmental - Waterloo</p> <p><b>Account Manager</b> : Candice Hunter</p> <p><b>Address</b> : 60 Northland Road, Unit 1 Waterloo, Ontario Canada N2V 2B8</p> <p><b>Telephone</b> : +1 519 886 6910</p> <p><b>Date Samples Received</b> : 31-Jul-2023 10:00</p> <p><b>Date Analysis Commenced</b> : 10-Aug-2023</p> <p><b>Issue Date</b> : 11-Aug-2023 11:29</p>
--	--

---

This report supersedes any previous report(s) with this reference. Results apply to the sample(s) as submitted. This document shall not be reproduced, except in full.

This Certificate of Analysis contains the following information:

- General Comments
- Analytical Results
- Guideline Comparison

**Additional information pertinent to this report will be found in the following separate attachments: Quality Control Report, QC Interpretive report to assist with Quality Review and Sample Receipt Notification (SRN).**

---

### *Signatories*

This document has been electronically signed by the authorized signatories below. Electronic signing is conducted in accordance with US FDA 21 CFR Part 11.

<i>Signatories</i>	<i>Position</i>	<i>Laboratory Department</i>
Walt Kippenhuck	Supervisor - Inorganic	Metals, Waterloo, Ontario

## General Comments

The analytical methods used by ALS are developed using internationally recognized reference methods (where available), such as those published by US EPA, APHA Standard Methods, ASTM, ISO, Environment Canada, BC MOE, and Ontario MOE. Refer to the ALS Quality Control Interpretive report (QCI) for applicable references and methodology summaries. Reference methods may incorporate modifications to improve performance.

Where a reported less than (<) result is higher than the LOR, this may be due to primary sample extract/digestate dilution and/or insufficient sample for analysis.

Where the LOR of a reported result differs from standard LOR, this may be due to high moisture content, insufficient sample (reduced weight employed) or matrix interference.

Additional information pertinent to this report will be found in the following separate attachments: Quality Control Report, QA/QC Compliance Assessment to assist with Quality Review and Sample Receipt Notification.

When sampling time information is not provided by the client, sampling dates are shown without a time component. In these instances, the time component has been assumed by the laboratory for processing purposes.

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. Guidelines 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.

Key : LOR: Limit of Reporting (detection limit).

<i>Unit</i>	<i>Description</i>
µg/L	micrograms per litre

>: greater than.

<: less than.

Red shading is applied where the result or the LOR is greater than the Guideline Upper Limit (or lower than the Guideline Lower Limit, if applicable).

For drinking water samples, Red shading is applied where the result for E.coli, fecal or total coliforms is greater than or equal to the Guideline Upper Limit .

## Workorder Comments

<1 or Not Detected with LOR of 1 equals Zero (0).



**Analytical Results**

		<i>Client sample ID</i>		<b>St. Christopher CS: 500015302-H125-DFL - S Plumbing Standing</b>						
<i>Sub-Matrix: Drinking Water - Regulated (Matrix: Water)</i>		<i>Sampling date/time</i>		30-Jul-2023 12:10						
<i>Analyte</i>	<i>Method/Lab</i>	<i>LOR</i>	<i>Unit</i>	WT2324168-001	<b>ODWS - MAC - (Jan, 2020)</b>	--	--	--	--	--
<b>Total Metals</b>										
Lead, total	E432.Pb/WT	1.0	µg/L	2.9	10 µg/L	--	--	--	--	--

Please refer to the General Comments section for an explanation of any result qualifiers detected.

Please refer to the Accreditation section for an explanation of analyte accreditations.

**No Breaches Found**



**Analytical Results**

		<i>Client sample ID</i>		<b>St. Christopher CS: 500015302-H125-DFL - F Plumbing Flushed</b>						
<i>Sub-Matrix: Drinking Water - Regulated (Matrix: Water)</i>		<i>Sampling date/time</i>		30-Jul-2023 12:46						
<i>Analyte</i>	<i>Method/Lab</i>	<i>LOR</i>	<i>Unit</i>	WT2324168-002	<b>ODWS - MAC - (Jan, 2020)</b>	--	--	--	--	--
<b>Total Metals</b>										
Lead, total	E432.Pb/WT	1.0	µg/L	1.2	10 µg/L	--	--	--	--	--

Please refer to the General Comments section for an explanation of any result qualifiers detected.

Please refer to the Accreditation section for an explanation of analyte accreditations.

**No Breaches Found**