




---

## CERTIFICATE OF ANALYSIS (GUIDELINE EVALUATION)

---

|   |  |
|---|--|
| <p><b>Work Order</b> : <b>VA23A0950</b></p> <p><b>Client</b> : <b>Vancouver School Board</b></p> <p><b>Contact</b> : Stephen Thomas</p> <p><b>Address</b> : 1549 Clark Drive<br/>Vancouver BC Canada V5L 3L4</p> <p><b>Telephone</b> : ----</p> <p><b>Project</b> : Pierre Elliott Trudeau</p> <p><b>PO</b> : ----</p> <p><b>C-O-C number</b> : 20-1041700</p> <p><b>Sampler</b> : R. Lemay</p> <p><b>Site</b> : ----</p> <p><b>Quote number</b> : Standing Offer</p> <p><b>No. of samples received</b> : 4</p> <p><b>No. of samples analysed</b> : 4</p> | <p><b>Page</b> : 1 of 3</p> <p><b>Laboratory</b> : Vancouver - Environmental</p> <p><b>Account Manager</b> : Tasnia Tarannum</p> <p><b>Address</b> : 8081 Lougheed Highway<br/>Burnaby, British Columbia Canada V5A 1W9</p> <p><b>Telephone</b> : +1 604 253 4188</p> <p><b>Date Samples Received</b> : 16-Jan-2023 15:00</p> <p><b>Date Analysis Commenced</b> : 17-Jan-2023</p> <p><b>Issue Date</b> : 17-Jan-2023 21:11</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>      |
|--------------------|----------------------|-----------------------------------|
| Robin Weeks        | Team Leader - Metals | Metals, Burnaby, British Columbia |



## No Breaches Found

### 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>   |
|-------------|----------------------|
| mg/L        | milligrams per litre |

>: greater than.

<: less than.

Red shading is applied where the result is greater than the Guideline Upper Limit or the result is lower than the Guideline Lower Limit.

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.



**Analytical Results Evaluation**

|         |                    |      |      |      |      |      |      |      |
|---------|--------------------|------|------|------|------|------|------|------|
| Matrix: | Client sample ID   | ---- | ---- | ---- | ---- | ---- | ---- | ---- |
|         | Sampling date/time | ---- | ---- | ---- | ---- | ---- | ---- | ---- |
|         | Sub-Matrix         | ---- | ---- | ---- | ---- | ---- | ---- | ---- |
| Analyte | CAS Number         | Unit | ---- | ---- | ---- | ---- | ---- | ---- |
|         |                    | -    |      |      |      |      |      |      |

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

|             |           |      |  |  |  |  |  |  |
|-------------|-----------|------|--|--|--|--|--|--|
| Lead, total | 7439-92-1 | mg/L |  |  |  |  |  |  |
|-------------|-----------|------|--|--|--|--|--|--|




---

## QUALITY CONTROL INTERPRETIVE REPORT

---

|   |  |
|---|--|
| <p><b>Work Order</b> : <b>VA23A0950</b></p> <p><b>Client</b> : <b>Vancouver School Board</b></p> <p><b>Contact</b> : Stephen Thomas</p> <p><b>Address</b> : 1549 Clark Drive<br/>Vancouver BC Canada V5L 3L4</p> <p><b>Telephone</b> : ----</p> <p><b>Project</b> : Pierre Elliott Trudeau</p> <p><b>PO</b> : ----</p> <p><b>C-O-C number</b> : 20-1041700</p> <p><b>Sampler</b> : R. Lemay</p> <p><b>Site</b> : ----</p> <p><b>Quote number</b> : Standing Offer</p> <p><b>No. of samples received</b> : 4</p> <p><b>No. of samples analysed</b> : 4</p> | <p><b>Page</b> : 1 of 5</p> <p><b>Laboratory</b> : Vancouver - Environmental</p> <p><b>Account Manager</b> : Tasnia Tarannum</p> <p><b>Address</b> : 8081 Lougheed Highway<br/>Burnaby, British Columbia Canada V5A 1W9</p> <p><b>Telephone</b> : +1 604 253 4188</p> <p><b>Date Samples Received</b> : 16-Jan-2023 15:00</p> <p><b>Issue Date</b> : 17-Jan-2023 21:11</p> |
|---|--|

---

This report is automatically generated by the ALS LIMS (Laboratory Information Management System) through evaluation of Quality Control (QC) results and other QA parameters associated with this submission, and is intended to facilitate rapid data validation by auditors or reviewers. The report highlights any exceptions and outliers to ALS Data Quality Objectives, provides holding time details and exceptions, summarizes QC sample frequencies, and lists applicable methodology references and summaries.

**Key**

- Anonymous: Refers to samples which are not part of this work order, but which formed part of the QC process lot.
  - CAS Number: Chemical Abstracts Service number is a unique identifier assigned to discrete substances.
  - DQO: Data Quality Objective.
  - LOR: Limit of Reporting (detection limit).
  - RPD: Relative Percent Difference.
- 

### ***Workorder Comments***

---

Holding times are displayed as "----" if no guidance exists from CCME, Canadian provinces, or broadly recognized international references.

---

### ***Summary of Outliers***

#### ***Outliers : Quality Control Samples***

- No Method Blank value outliers occur.
- No Duplicate outliers occur.
- No Laboratory Control Sample (LCS) outliers occur
- No Matrix Spike outliers occur.
- No Test sample Surrogate recovery outliers exist.

#### ***Outliers: Reference Material (RM) Samples***

- No Reference Material (RM) Sample outliers occur.

### ***Outliers : Analysis Holding Time Compliance (Breaches)***

- No Analysis Holding Time Outliers exist.

### ***Outliers : Frequency of Quality Control Samples***

- No Quality Control Sample Frequency Outliers occur.



## Analysis Holding Time Compliance

This report summarizes extraction / preparation and analysis times and compares each with ALS recommended holding times, which are selected to meet known provincial and /or federal requirements. In the absence of regulatory hold times, ALS establishes recommendations based on guidelines published by organizations such as CCME, US EPA, APHA Standard Methods, ASTM, or Environment Canada (where available). Dates and holding times reported below represent the first dates of extraction or analysis. If subsequent tests or dilutions exceeded holding times, qualifiers are added (refer to COA).

If samples are identified below as having been analyzed or extracted outside of recommended holding times, measurement uncertainties may be increased, and this should be taken into consideration when interpreting results.

Where actual sampling date is not provided on the chain of custody, the date of receipt with time at 00:00 is used for calculation purposes.

Where only the sample date without time is provided on the chain of custody, the sampling date at 00:00 is used for calculation purposes.

Matrix: **Water** Evaluation: \* = Holding time exceedance ; ✓ = Within Holding Time

| Analyte Group<br>Container / Client Sample ID(s)              | Method | Sampling Date | Extraction / Preparation |               |        |      | Analysis      |               |        |      |
|---|--------|---------------|--------------------------|---------------|--------|------|---------------|---------------|--------|------|
|   |        |               | Preparation Date         | Holding Times |        | Eval | Analysis Date | Holding Times |        | Eval |
|   |        |               |                          | Rec           | Actual |      |               | Rec           | Actual |      |
| <b>Total Metals : Total metals in Water by CRC ICPMS</b>      |        |               |                          |               |        |      |               |               |        |      |
| HDPE - total (lab preserved)<br>Corr 101 Rm 151 DF            | E420   | 16-Jan-2023   | 17-Jan-2023              | ----          | ----   |      | 17-Jan-2023   | 180 days      | 1 days | ✓    |
| <b>Total Metals : Total metals in Water by CRC ICPMS</b>      |        |               |                          |               |        |      |               |               |        |      |
| HDPE - total (lab preserved)<br>Corr 103 Rm 109 SSDF          | E420   | 16-Jan-2023   | 17-Jan-2023              | ----          | ----   |      | 17-Jan-2023   | 180 days      | 1 days | ✓    |
| <b>Total Metals : Total metals in Water by CRC ICPMS</b>      |        |               |                          |               |        |      |               |               |        |      |
| HDPE - total (lab preserved)<br>Corr 103 Rm 122 DF            | E420   | 16-Jan-2023   | 17-Jan-2023              | ----          | ----   |      | 17-Jan-2023   | 180 days      | 1 days | ✓    |
| <b>Total Metals : Total metals in Water by CRC ICPMS</b>      |        |               |                          |               |        |      |               |               |        |      |
| HDPE - total (lab preserved)<br>Corr 103 Rm 127 Bottle Filler | E420   | 16-Jan-2023   | 17-Jan-2023              | ----          | ----   |      | 17-Jan-2023   | 180 days      | 1 days | ✓    |

### Legend & Qualifier Definitions

Rec. HT: ALS recommended hold time (see units).



## Quality Control Parameter Frequency Compliance

The following report summarizes the frequency of laboratory QC samples analyzed within the analytical batches (QC lots) in which the submitted samples were processed. The actual frequency should be greater than or equal to the expected frequency.

Matrix: **Water** Evaluation: ✖ = QC frequency outside specification; ✔ = QC frequency within specification.

| Quality Control Sample Type             | Method | QC Lot # | Count |         | Frequency (%) |          |            |
|---|--------|----------|-------|---------|---------------|----------|------------|
|   |        |          | QC    | Regular | Actual        | Expected | Evaluation |
| <b>Analytical Methods</b>               |        |          |       |         |               |          |            |
| <b>Laboratory Duplicates (DUP)</b>      |        |          |       |         |               |          |            |
| Total metals in Water by CRC ICPMS      | E420   | 804401   | 1     | 20      | 5.0           | 5.0      | ✔          |
| <b>Laboratory Control Samples (LCS)</b> |        |          |       |         |               |          |            |
| Total metals in Water by CRC ICPMS      | E420   | 804401   | 1     | 20      | 5.0           | 5.0      | ✔          |
| <b>Method Blanks (MB)</b>               |        |          |       |         |               |          |            |
| Total metals in Water by CRC ICPMS      | E420   | 804401   | 1     | 20      | 5.0           | 5.0      | ✔          |
| <b>Matrix Spikes (MS)</b>               |        |          |       |         |               |          |            |
| Total metals in Water by CRC ICPMS      | E420   | 804401   | 1     | 20      | 5.0           | 5.0      | ✔          |



## Methodology References and Summaries

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. Reference methods may incorporate modifications to improve performance (indicated by "mod").

| Analytical Methods                 | Method / Lab                             | Matrix | Method Reference         | Method Descriptions   |
|------------------------------------|--|--------|--------------------------|---|
| Total metals in Water by CRC ICPMS | E420<br><br>Vancouver -<br>Environmental | Water  | EPA 200.2/6020B<br>(mod) | Water samples are digested with nitric and hydrochloric acids, and analyzed by Collision/Reaction Cell ICPMS.<br><br>Method Limitation (re: Sulfur): Sulfide and volatile sulfur species may not be recovered by this method. |





## QUALITY CONTROL REPORT

|  |  |
|--|--|
| <p><b>Work Order</b> : <b>VA23A0950</b></p> <p>Client : Vancouver School Board</p> <p>Contact : Stephen Thomas</p> <p>Address : 1549 Clark Drive<br/>Vancouver BC Canada V5L 3L4</p> <p>Telephone :</p> <p>Project : Pierre Elliott Trudeau</p> <p>PO : ----</p> <p>C-O-C number : 20-1041700</p> <p>Sampler : R. Lemay ----</p> <p>Site : ----</p> <p>Quote number : Standing Offer</p> <p>No. of samples received : 4</p> <p>No. of samples analysed : 4</p> | <p>Page : 1 of 3</p> <p>Laboratory : Vancouver - Environmental</p> <p>Account Manager : Tasnia Tarannum</p> <p>Address : 8081 Lougheed Highway<br/>Burnaby, British Columbia Canada V5A 1W9</p> <p>Telephone : +1 604 253 4188</p> <p>Date Samples Received : 16-Jan-2023 15:00</p> <p>Date Analysis Commenced : 17-Jan-2023</p> <p>Issue Date : 17-Jan-2023 21:11</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 Quality Control Report contains the following information:

- Laboratory Duplicate (DUP) Report; Relative Percent Difference (RPD) and Data Quality Objectives
- Matrix Spike (MS) Report; Recovery and Data Quality Objectives
- Method Blank (MB) Report; Recovery and Data Quality Objectives
- Laboratory Control Sample (LCS) Report; Recovery and Data Quality Objectives

### 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>                |
|--------------------|----------------------|---|
| Robin Weeks        | Team Leader - Metals | Vancouver Metals, Burnaby, British Columbia |



## General Comments

The ALS Quality Control (QC) report is optionally provided to ALS clients upon request. ALS test methods include 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 (DQOs) to provide confidence in the accuracy of associated test results. This report contains detailed results for all QC results applicable to this sample submission. Please refer to the ALS Quality Control Interpretation report (QCI) for applicable method references and methodology summaries.

Key :

- Anonymous = Refers to samples which are not part of this work order, but which formed part of the QC process lot.
- CAS Number = Chemical Abstracts Service number is a unique identifier assigned to discrete substances.
- DQO = Data Quality Objective.
- LOR = Limit of Reporting (detection limit).
- RPD = Relative Percent Difference
- # = Indicates a QC result that did not meet the ALS DQO.

## Workorder Comments

Holding times are displayed as "---" if no guidance exists from CCME, Canadian provinces, or broadly recognized international references.

## Laboratory Duplicate (DUP) Report

A Laboratory Duplicate (DUP) is a randomly selected intralaboratory replicate sample. Laboratory Duplicates provide information regarding method precision and sample heterogeneity. ALS DQOs for Laboratory Duplicates are expressed as test-specific limits for Relative Percent Difference (RPD), or as an absolute difference limit of 2 times the LOR for low concentration duplicates within ~ 4-10 times the LOR (cut-off is test-specific).

Sub-Matrix: **Water**

|                                      |                  |             |            |        | Laboratory Duplicate (DUP) Report |      |                 |                  |                      |                  |           |
|--------------------------------------|------------------|-------------|------------|--------|-----------------------------------|------|-----------------|------------------|----------------------|------------------|-----------|
| Laboratory sample ID                 | Client sample ID | Analyte     | CAS Number | Method | LOR                               | Unit | Original Result | Duplicate Result | RPD(%) or Difference | Duplicate Limits | Qualifier |
| <b>Total Metals (QC Lot: 804401)</b> |                  |             |            |        |                                   |      |                 |                  |                      |                  |           |
| VA23A0930-001                        | Anonymous        | Lead, total | 7439-92-1  | E420   | 0.000050                          | mg/L | 0.000287        | 0.000286         | 0.000001             | Diff <2x LOR     | ----      |

## Method Blank (MB) Report

A Method Blank is an analyte-free matrix that undergoes sample processing identical to that carried out for test samples. Method Blank results are used to monitor and control for potential contamination from the laboratory environment and reagents. For most tests, the DQO for Method Blanks is for the result to be < LOR.

Sub-Matrix: **Water**

| Analyte                              | CAS Number | Method | LOR     | Unit | Result    | Qualifier |
|--------------------------------------|------------|--------|---------|------|-----------|-----------|
| <b>Total Metals (QC Lot: 804401)</b> |            |        |         |      |           |           |
| Lead, total                          | 7439-92-1  | E420   | 0.00005 | mg/L | <0.000050 | ----      |



### Laboratory Control Sample (LCS) Report

A Laboratory Control Sample (LCS) is an analyte-free matrix that has been fortified (spiked) with test analytes at known concentration and processed in an identical manner to test samples. LCS results are expressed as percent recovery, and are used to monitor and control test method accuracy and precision, independent of test sample matrix.

Sub-Matrix: **Water**

|                                     |            |        |         |      | Laboratory Control Sample (LCS) Report |              |                     |      |           |
|-------------------------------------|------------|--------|---------|------|--|--------------|---------------------|------|-----------|
|                                     |            |        |         |      | Spike                                  | Recovery (%) | Recovery Limits (%) |      |           |
| Analyte                             | CAS Number | Method | LOR     | Unit | Concentration                          | LCS          | Low                 | High | Qualifier |
| <b>Total Metals (QCLot: 804401)</b> |            |        |         |      |  |              |                     |      |           |
| Lead, total                         | 7439-92-1  | E420   | 0.00005 | mg/L | 0.5 mg/L                               | 97.6         | 80.0                | 120  | ----      |

### Matrix Spike (MS) Report

A Matrix Spike (MS) is a randomly selected intra-laboratory replicate sample that has been fortified (spiked) with test analytes at known concentration, and processed in an identical manner to test samples. Matrix Spikes provide information regarding analyte recovery and potential matrix effects. MS DQO exceedances due to sample matrix may sometimes be unavoidable; in such cases, test results for the associated sample (or similar samples) may be subject to bias. ND – Recovery not determined, background level  $\geq$  1x spike level.

Sub-Matrix: **Water**

|                                     |                  |             |            |        | Matrix Spike (MS) Report |              |                     |      |      |           |
|-------------------------------------|------------------|-------------|------------|--------|--------------------------|--------------|---------------------|------|------|-----------|
|                                     |                  |             |            |        | Spike                    | Recovery (%) | Recovery Limits (%) |      |      |           |
| Laboratory sample ID                | Client sample ID | Analyte     | CAS Number | Method | Concentration            | Target       | MS                  | Low  | High | Qualifier |
| <b>Total Metals (QCLot: 804401)</b> |                  |             |            |        |                          |              |                     |      |      |           |
| VA23A0930-002                       | Anonymous        | Lead, total | 7439-92-1  | E420   | 0.0188 mg/L              | 0.02 mg/L    | 93.9                | 70.0 | 130  | ----      |



www.alsglobal.com

Chain of Custody (COC) / Analytical Request Form

Canada Toll Free: 1 800 668 9878

COC Number: 20-1041700

Page 1 of 1

Report To: Contact and company name below will appear on the final report

Company: Vancouver School Board

Contact: Stephen Thomas

Phone: 604 713-5637

Company address below will appear on the final report

Street: 1549 Clark Drive

City/Province: Vancouver B.C.

Postal Code: [Blank]

Invoice To: Same as Report To  YES  NO

Copy of Invoice with Report  YES  NO

Company: [Blank]

Contact: [Blank]

Project Information

ALS Account # / Quote #: PIERRE ELLIOTT TRUDEAU

Job #: [Blank]

PO / A/E: [Blank]

LSID: [Blank]

ALS Lab Work Order # (ALS use only): A10950

ALS Sample # (ALS use only): [Blank]

Sample Identification and/or Coordinates (This description will appear on the report)

|         |        |              |           |       |       |
|---------|--------|--------------|-----------|-------|-------|
| COC 103 | RM 127 | Boyle Miller | 16-Jan-23 | 12:51 | Water |
| COC 103 | RM 122 | DF           | 16-Jan-23 | 12:53 | Water |
| COC 103 | RM 109 | SSDF         | 16-Jan-23 | 12:56 | Water |
| COC 101 | RM 151 | DF           | 16-Jan-23 | 12:58 | Water |

ALS Contact: T. Tarran

Sampler: R. Lemay

Reports / Recipients

Select Report Format:  PDF  EXCEL  EDD (DIGITAL)

Merge QC/QCI Reports with COA  YES  NO  N/A

Compare Results to Criteria on Report - provide details below if box checked

Select Distribution:  EMAIL  MAIL  FAX

Email 1 or Fax: ssthomas@vsh.bc.ca

Email 2: ccarroll@vsh.bc.ca

Email 3: jduong@vsh.bc.ca

Select Invoice Distribution:  EMAIL  MAIL  FAX

Email 1 or Fax: [Blank]

Email 2: [Blank]

Oil and Gas Required Fields (client use)

A/E/Cost Center: [Blank]

Major/Minor Code: [Blank]

Rolling Code: [Blank]

Requisitioner: [Blank]

Location: [Blank]

Turnaround Time (TAT) Requested

Routine (R) if received by 3pm M-F - no surcharges apply

4 day (P4) if received by 3pm M-F - 20% rush surcharge minimum

3 day (P3) if received by 3pm M-F - 25% rush surcharge minimum

2 day (P2) if received by 3pm M-F - 50% rush surcharge minimum

1 day (E) if received by 3pm M-F - 100% rush surcharge minimum

Same day (E2) if received by 10am M-S - 200% rush surcharge. Additional fees may apply to rush requests on weekends, statutory holidays and non-routine tests

Date and Time Required for all EAP TATS: [Blank]

Old format - by 11:00am 8/1/01

For all tests with rush TATs requested, please contact your A/E to confirm availability.

Analysis Request

Indicate Filtered (F), Preserved (P) or Filtered and Preserved (FP) below

|      |  |  |  |  |  |
|------|--|--|--|--|--|
| Lead |  |  |  |  |  |
|------|--|--|--|--|--|

SAMPLES ON HOLD

EXTENDED STORAGE REQUIRED

SUSPECTED HAZARD (see notes)

Drinking Water (DW) Samples (client use)

Are samples taken from a Regulated DW System?  YES  NO

Are samples for human consumption/ use?  YES  NO

Notes / Specify Limits for result evaluation by selecting from drop-down below (Excel COC only)

No preservatives added

SHIPPING RELEASE (client use)

Released by: [Blank] Date: [Blank] Time: [Blank]

Received by: [Blank] Date: [Blank] Time: [Blank]

INITIAL SHIPMENT RECEPTION (ALS use only)

Received by: [Blank] Date: [Blank] Time: [Blank]

WHITE - LABORATORY COPY

YELLOW - CLIENT COPY

SAMPLE RECEIPT DETAILS (ALS use only)

Cooling Method:  NONE  ICE  ICE PACKS  FROZEN  COOLING INITIATED

Submission Comments identified on Sample Receipt Notification  YES  NO

Cooler Custody Seal Intact  YES  NO

Sample Custody Seal Intact  YES  NO

INITIAL COOLER TEMPERATURES °C [Blank]

FINAL COOLER TEMPERATURES °C [Blank]

FINAL SHIPMENT RECEPTION (ALS use only)

Received by: [Blank] Date: [Blank] Time: [Blank]

Received by: [Blank] Date: [Blank] Time: [Blank]

Environmental Division  
Vancouver  
Work Order Reference  
VA23A0950

Telephone: +1 604 263 4188

REFER TO BACK PAGE FOR ALS LOCATIONS AND SAMPLING INFORMATION

Failure to complete all portions of this form may delay analysis. Please fill in this form LEGIBLY. By the use of this form the user acknowledges and agrees with the Terms and Conditions as specified on the back page of the white - report copy.

1. If any water samples are taken from a Regulated Drinking Water (DW) System, please submit using an Authorized DW COC form.

ALS 2023 FORM

# Results Summary VA23A0950

**Project** Pierre Elliott Trudeau  
**Report To** Stephen Thomas, Vancouver School Board  
**Date Received** 16-Jan-2023 15:00  
**Issue Date** 17-Jan-2023 21:11  
**Amendment** 0

| Client Sample ID                    |                           |       | Corr 103 Rm 127<br>Bottle Filler | Corr 103 Rm 122 DF   | Corr 103 Rm 109<br>SSDF | Corr 101 Rm 151 DF   |
|-------------------------------------|---------------------------|-------|----------------------------------|----------------------|-------------------------|----------------------|
| Date Sampled                        |                           |       | 16-Jan-2023                      | 16-Jan-2023          | 16-Jan-2023             | 16-Jan-2023          |
| Time Sampled                        |                           |       | 12:51                            | 12:53                | 12:56                   | 12:58                |
| ALS Sample ID                       |                           |       | VA23A0950-001                    | VA23A0950-002        | VA23A0950-003           | VA23A0950-004        |
| Analyte                             | Lowest<br>Detection Limit | Units | Sub-Matrix:<br>Water             | Sub-Matrix:<br>Water | Sub-Matrix:<br>Water    | Sub-Matrix:<br>Water |
| <b>Total Metals (Matrix: Water)</b> |                           |       |                                  |                      |                         |                      |
| Lead, total                         | 0.000050                  | mg/L  | 0.000119                         | 0.00152              | 0.000070                | 0.000233             |