

# INSTRUCTIONS

## C01A MAJOR IONS IN WATER

### 1.0 Sample Reception

- 1.1 All breakages and shortages must be reported within 24 hours of sample receipt.
- 1.2 Samples are unpreserved, natural waters and should be stored at  $4 \pm 2^\circ\text{C}$  upon receipt. Samples are stable for the duration of the study.
- 1.3 Check that all the parameters for which you are registered are correctly identified on the web data entry report page.
- 1.4 Inquiries regarding samples and their shipment may be directed to:

PT Non-conformances  
Information and Quality Management  
Environment and Climate Change Canada  
fax: 905-336-8914  
email: [ec.ptnc.ec@canada.ca](mailto:ec.ptnc.ec@canada.ca)

cc: CALA Program Administrator  
cc: Ken Middlebrook, CALA PT Manager  
fax: 613-233-5501  
email: [programadmin@cala.ca](mailto:programadmin@cala.ca)  
email: [kmiddlebrook@cala.ca](mailto:kmiddlebrook@cala.ca)

Inquiries must be made by facsimile or email only. Use the Nonconformance Form (see reverse) when sending a fax. Please include your CALA laboratory number on all correspondence.

### 2.0 Sample Analysis

- 2.1 The fluoride concentrations will be similar to those found in tap water (i.e. 0.1 to 3.0 mg/L). All other constituents will have concentrations similar to those found in lake or river waters. Because these samples are natural waters, the concentrations may be outside those listed in *P02-04-CALA Program Description – PT Catalogue*.
- 2.2 Proceed with testing using the routine analytical method identified in your application to the CALA program.

### 3.0 Reporting Results

- 3.1 Results must be reported by midnight of the study deadline (see the General Proficiency Testing Information sheet for details).
- 3.2 Nitrate and Nitrate + Nitrite are to be reported as N. Silica is to be reported as  $\text{SiO}_2$ .
- 3.3 Report RDL (optional) if you want RDL accounted for in z scores.

### 4.0 Safety

- 4.1 The PT samples are designed for use by laboratory professionals familiar with environmental samples and potentially hazardous materials.

# PT SAMPLE NON-CONFORMANCE FORM

Attn: PT non-conformances

Study Number:

## ENSURE THAT SAMPLES RECEIVED MATCH REPORT FORMS

### 1 - Laboratory Information

Contact Name:

Laboratory Name

Laboratory Address

Contact Telephone #

Contact Facsimile #

Contact e-mail:

### 2 - Sample Details

Date &amp; Time of Arrival(YYYY,MM,DD,HH:MM):

Tracking Number:

Test Groups Received (e.g. C1 , C2 etc.):

Number of Boxes:

### 3 - Description of Nonconformance

### 4 - Requested Action

### 5 - PT Provider Notes