C44 NUTRIENTS IN SOIL

1.0 Sample Reception

1.1 All breakages and shortages must be reported within 24 hours of sample receipt.

1.2 Store samples at 4°C ± 2°C. Keep samples tightly sealed until analysis. Samples are stable for the duration of the study.

1.3 Check that all the analytes for which you are registered are correctly identified in the PTC portal. If an analyte is missing, report the results for the missing analyte in the comments field.

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

cc: PT Canada Program Officer
email: programofficer@PTcanada.org
cc: Nadine Lewis, PTC Executive Director
email: nlewis@PTcanada.org

Inquiries should be made by email. When reporting damage upon receipt, please provide a picture of the damaged samples. Please include your PT Canada laboratory number on all correspondence.

2.0 Sample Analysis

2.1 Sample concentrations are in the typical range for organic soils. Approximate sample concentrations are detailed in the PTC Catalogue.

2.2 Proceed with testing using the routine analytical method identified in your PT Canada application. For Ammonia, these samples are better suited for Available Extraction methods vs. Saturated Paste. Samples for TKN and phosphorus are to be acid digested prior to analysis.

3.0 Reporting Results

3.1 Results are to be reported in ug/g (mg/kg).

3.2 Results are to be reported on a dry-weight basis.

3.3 Results must be reported by midnight of the study deadline in the PTC portal.

4.0 Safety

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