WATER, EXTRACTS, AND OTHER SOLUTIONS ANALYSES

Contact Information

Name ____________________________
Address __________________________
City ______________________________
State ____________ Zip ____________

Company/Department __________________________
Telephone __________________________
Fax ________________________________
Email ______________________________

Sample Information

Sample Description ____________________________________________________________

T=Tap, W=Well, S=Stream, P=Pond, O=Other, please specify. For soil/plant extracts and other solutions (not surface, ground or drinking water) indicate matrix of the sample. Please contact lab manager if sample matrix is unknown.

Submission Date __/__/____ Number of Samples ______

☐ Cornell researchers please contact CNAL appropriate submission form.

☐ Email results
☐ Fax results
☐ Retain samples for 1 month after samples are received. (No charge)

☐ Potentially hazardous samples; please supply details:

☐ Additional sample processing required. Please contact CNAL with details.

Please fill out the Sample ID form attached to the test submission form.

Payment Information:

Total Amount Owed $______________

☐ Cornell Account, PI/Advisor name ___________________________________________

☐ Credit Card using the link on your invoice notification.

☐ Checks made payable to CNAL

☐ Account/PO

If analysis request is redacted after lab processing begins, samples will still be charged 50% of total fee

Internal office uses only

Check # or Business Acct # ________________
Purchase Order (PO) No ________________

Discounts (by prior arrangement only) may be given for samples submitted dried and ground to meet CNAL specifications - call or email for details.

Anticipate 2-3 weeks for the completion of tests.

Please select types of analyses from list on the reverse side.
**WATER, EXTRACTS AND OTHER SOLUTIONS ANALYSES**

**Test Packages**
- □ 4030 Basic Package: pH, electrical conductivity, hardness, Ca, Mg, Na, and Sodium Adsorption Ratio (SAR) ................................................................. $60.00
- □ 4040 Complete Package: Basic Package (4030) plus trace elements: includes: Al, As, B, Ba, Be, Ca, Cd, Co, Cr, Cu, Fe, K, Li, Mg, Mn, Mo, Na, Ni, P, Pb, S, Se, Si, Sr Ti, V, Zn...........................................$85.00

**Individual Tests**
- □ 4021 ICP-OES Trace elements......................................................................................................................... $10.00
  - Includes: Al, As, B, Ba, Be, Ca, Cd, Co, Cr, Cu, Fe, K, Li, Mg, Mn, Mo, Na, Ni, P, Pb, S, Se, Si, Sr Ti, V, Zn
- □ 4023 Water Digestion ........................................................................................................................................ $18.00
- □ 4022 Specify elemental analysis (4021 is not include) ................................................................. $10.00
- □ 4710 Ammonium-nitrogen (colorimetric method) .................................................................................... $11.00
- □ 4720 Nitrate-nitrogen (colorimetric method) .................................................................................... $11.00
- □ 4731 Ammonium-nitrogen+ nitrate- nitrogen (colorimetric method) ............................................ $12.00
- □ 4751 Total phosphorous (measured by ICP) .................................................................................... $10.00
- □ 4780 Electrical conductivity ..................................................................................................................... $7.00
- □ 4800 pH.................................................................................................................................................... $7.00
- □ 4822 Ag (Silver)........................................................................................................................................... $10.00
- □ 4900 Wine analysis (nutrients and heavy metals).................................................................................... $15.00
  - Includes: Al, As, B, Ba, Be, Ca, Cd, Co, Cr, Cu, Fe, K, Li, Mg, Mn, Mo, Na, Ni, P, Pb, S, Ti, V, and Zn
- □ Customized Analysis................................................................................................................................. Please fill out Customized Analysis form

**Guidelines for Collecting Water Samples**

*When collecting a water sample, please follow these guidelines:*

**CONTAINERS** - Samples should be collected in a clean, plastic bottle with a screw cap. Please submit at least 50 mL of water for the test Packages (4030, 4040) and 20mls (0.6 oz.) for all other tests. Clearly identify each container with a simple sample I.D. **Label the samples sequentially**. Avoid glass containers, as boron concentrations may change, and glass has a higher potential for breakage. **COLLECTION** - Tap water: If collecting from the tap, let the tap run for 4-5 minutes before taking the sample. This will help in flushing out the water that has been in the pipes for a prolonged period. Rinse the container once with water to be sampled. Fill the bottle completely leaving little or no air space at the top. Fill out the label.

Spring, Stream, Well or Pond water: Rinse the container once with water to be sampled. Fill the bottle completely leaving little or no air space at the top. Fill out the label.

**SHIPPING** - Water samples must arrive at the Cornell Nutrient Analysis Laboratory within 24 hours. Refrigerating and keeping the sample cool during shipping is recommended. When mailing, place bottles in a box and pack with a loose, soft packing material to prevent crushing. Include in the shipping box: Label the samples sequentially. A check or money order payable to Cornell University. **NOTICE: CNAL is not EPA certified for testing potable water. The lab does not analyze for anions, organic compounds such as pesticides or petrochemicals, bacteria, or any biological components.**

**No recommendations or interpretations are provided.**

**Anticipate 2-3 weeks for the completion of tests.**

Please anticipate one month for the completion of the Test Packages (4030 and 4040)