

SUBMIT YOUR WATER SAMPLE

Deliver sample(s) to: AWRC-WQL · University of Arkansas · DTAS · 1371 W Altheimer Drive · Room 133 · Fayetteville, AR 72704

Contact information: Phone 479-502-9843 · Email awrcwql@uark.edu

Make check payable to: AWRC Water Quality Lab

Instructions for completing this form and submitting your water sample:

- Step 1.** General information - Fill out the "General Information" section below.
Step 2. Select parameters - Select from the list of parameters or packages below.
Step 3. Payment - Add up the cost(s) of your selection(s) and write in the Subtotal. Add in processing fee and write the "Total".
Step 4. Chain of Custody – fill in the date you are shipping or dropping off your sample and sign under "Client signature".
Step 4. Refer to our website (arkansas-water-center.uark.edu/waterqualitylab.php) for thorough instructions on collecting your water sample, delivering your sample to the lab, and interpreting your results.

For Office Use:

Lab number _____

General Information: Name _____ Phone number _____
 Street address _____ City _____ State _____ Zip code _____
 Sample name (for more than 1 sample, see page 2) _____ Date sampled _____ Date Mailed _____
 County where collected _____ Source of sample _____
 Email results to _____ AND _____ (extension agent if applicable)
 OR I prefer paper mail (circle if this applies) **Circle the method of payment** CHECK (include with this form) CREDIT CARD (await invoice)

Physical and Chemical Parameters Available

- | | |
|--|--|
| <input type="checkbox"/> \$8 pH | <input type="checkbox"/> \$15 Individual Elements (Al, As, B, Ba, Ca, Cd, Co, Cr, Cu, Fe, K, Mg, Mn, Mo, Na, Ni, Pb, Se, Ti, V, & Zn) (circle) |
| <input type="checkbox"/> \$8 Conductivity | <input type="checkbox"/> \$30 Macro elements – Ca, K, Mg, Na |
| <input type="checkbox"/> \$10 Alkalinity | <input type="checkbox"/> \$40 Micro elements – Al, As, Cd, Co, Cr, Cu, Fe, Mn, Mo, Ni, Zn |
| <input type="checkbox"/> \$10 Hardness | <i>For other combinations, contact lab.</i> |
| <input type="checkbox"/> \$8 Turbidity | <input type="checkbox"/> \$25 Anions Suite (Cl, F, NO ₃ -N*, & SO ₄) |
| <input type="checkbox"/> \$15 Chlorophyll a | <input type="checkbox"/> \$10 Individual Anions (circle above) |
| <input type="checkbox"/> \$15 Total Dissolved Solids (TDS) | <input type="checkbox"/> \$10 Soluble Reactive Phosphorus (SRP) |
| <input type="checkbox"/> \$15 Total Suspended Solids (TSS) | <input type="checkbox"/> \$15 Total Phosphorus (TP) |
| <input type="checkbox"/> \$15 Total Solids (TS) | <input type="checkbox"/> \$15 Ammonia-N (NH ₃ -N + NH ₄ -N) |
| <input type="checkbox"/> \$15 Fixed and Volatile Solids (FVS) | <input type="checkbox"/> \$10 Nitrite-N (NO ₂ -N) |
| <input type="checkbox"/> \$20 Dissolved Organic Carbon (DOC) | <input type="checkbox"/> \$10 Nitrite-N + Nitrate-N (NO ₂ -N + NO ₃ -N) |
| <input type="checkbox"/> \$20 Total Organic Carbon (TOC) | <input type="checkbox"/> \$15 Total Nitrogen (TN) |
| <input type="checkbox"/> \$15 CyanoFluor [†] | <input type="checkbox"/> \$15 SRP AND Nitrate-N + Nitrite-N |
| <input type="checkbox"/> \$25 Microcystin (algal toxin) [‡] | <input type="checkbox"/> \$20 Ammonia-N AND SRP |
| | <input type="checkbox"/> \$20 Ammonia-N AND Nitrate-N + Nitrite-N |
| | <input type="checkbox"/> \$25 SRP AND Nitrate-N + Nitrite-N AND Ammonia-N |

[†] Concerned about harmful algal blooms, but not sure what type of algae you have?

The CyanoFluor analysis will tell you the proportion of cyanobacteria to regular algae. This might be a good starting point.

[‡]If the CyanoFluor analysis gives a high value, you might consider getting Microcystin analysis. Batching samples greatly reduces costs. Results will be returned within 1 month. Expedited analysis (results within 1 week) can be done at a cost of \$150 per sample.

*** For dissolved nitrogen (i.e. nitrate or nitrate plus nitrite):**
 Unless client specifies, we may analyze for either nitrate-N or nitrate-N + nitrite-N, which ever allows us to analyze your sample most efficiently; this might depend on any delay with sample delivery to lab or other analyses selected.

Microbiological Parameters Available (Contact the lab for a sterile container and use next-day shipping.)

- \$18 Total Coliform, *E. coli* (no dilutions) \$28 Total Coliform, *E. coli* (includes 1 dilution, expected high concentrations)

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Analytical Packages Available (Provide 1 L of water for Environmental package, and 0.5 L for all other packages.)

You can also contact AWRC-Water Quality Lab about customizing an Analytical Package, at 479-502-9843.

Analytical Package Name	Parameters included
Irrigation <input type="checkbox"/> \$85	Fluoride (F), Chloride (Cl), Sulfate (SO ₄), Nitrate-N (NO ₃ -N)*, pH, Conductivity, Alkalinity, Bicarbonate (calculated), Hardness (calculated), Calcium (Ca), Iron (Fe), Magnesium (Mg), Manganese (Mn), Sodium (Na), Total Suspended Solids (TSS), Sodium Absorption Ratio (calculated), Aggressive Index (calculated)
Domestic <input type="checkbox"/> \$70	Fluoride (F), Chloride (Cl), Sulfate (SO ₄), Nitrate-N (NO ₃ -N)*, pH, Conductivity, Alkalinity, Hardness (calculated), Total Dissolved Solids (calculated), Calcium (Ca), Copper (Cu), Iron (Fe), Magnesium (Mg), Manganese (Mn), Sodium (Na), Aggressive Index (calculated)
Livestock <input type="checkbox"/> \$65	Fluoride (F), Chloride (Cl), Sulfate (SO ₄), Nitrate-N (NO ₃ -N)*, pH, Conductivity, Total Dissolved Solids (calculated), Arsenic (As), Calcium (Ca), Copper (Cu), Iron (Fe), Magnesium (Mg), Manganese (Mn), Sodium (Na)
Poultry <input type="checkbox"/> \$65	Chloride (Cl), Sulfate (SO ₄), Nitrate-N (NO ₃ -N)*, pH, Hardness (calculated), Bicarbonate (calculated), Alkalinity, Calcium (Ca), Copper (Cu), Iron (Fe), Lead (Pb), Magnesium (Mg), Manganese (Mn), Sodium (Na), Zinc (Zn)
Fish Pond <input type="checkbox"/> \$95	Fluoride (F), Chloride (Cl), Sulfate (SO ₄), Nitrate-N (NO ₃ -N)*, Nitrite-N (NO ₂ -N), Ammonia-N (NH ₃ -N), Soluble Reactive Phosphorus (SRP), pH, Conductivity, Alkalinity, Hardness (calculated), Carbonate and Bicarbonate (calculated), Calcium (Ca), Iron (Fe), Magnesium (Mg), Manganese (Mn)
Environmental <input type="checkbox"/> \$65	Nitrite-N + Nitrate-N (NO ₂ -N + NO ₃ -N), Soluble Reactive Phosphorus (SRP), Total Phosphorus (TP), Ammonia-N (NH ₃ -N), Total Nitrogen (TN), Turbidity, and Total Suspended Solids (TSS)

* For dissolved nitrogen (i.e. nitrate or nitrate plus nitrite):

Unless client specifies, we may analyze for either nitrate-N or nitrate-N + nitrite-N, which ever allows us to analyze your sample most efficiently; this might depend on any delay with sample delivery to lab or other analyses selected.

To submit more than 1 sample (to be analyzed for the same set of parameters) include additional sample names here. For samples analyzed for a different set of parameters, please fill out a separate Water Sample Submission Form.

#2 Sample name _____ #5 Sample name _____
 #3 Sample name _____ #6 Sample name _____
 #4 Sample name _____ #7 Sample name _____

Payment: (prices are per sample; add up multiple samples if needed)

Subtotal \$ _____
 Sample processing fee \$ _____ 5.00 per sample
 TOTAL \$ _____

Chain of Custody:

Date shipped/dropped-off: _____ Date received by lab: _____
 Client signature: _____ Lab staff signature: _____

University of Arkansas Division of Agriculture
 Arkansas Water Resources Center Water Quality Laboratory
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