WATER SAMPLE INFORMATION FORM

D-617A

W00

TEXAS AGRILIFE EXTENSION SERVICE

THE TEXAS A&M UNIVERSITY SYSTEM

Soil, Water and Forage Testing Laboratory

Please submit this completed form and payment with samples. Mark each sample bottle with your sample identification and ensure that it corresponds with the sample identification written on this form. See sampling and mailing instructions on the back of this form.

(PLEASE DO NOT SEND CASH)

SUBMITTED BY: Results will be mailed to this address **ONLY**

Name ______________________ County where sampled ____________

Address ______________________ Phone ____________

City ____________ State ______ Zip ______ ____________

FOR: (Optional-will not receive copy)

Name ______________________

Address ______________________

City ____________ State ______ Zip ______

Payment *(DO NOT SEND CASH).*

☐ Check
☐ Money Order
☐ Government Account

Amount Paid $ ____________

Make Checks Payable to: Soil Testing Laboratory

SAMPLE INFORMATION **(Required for Evaluation/Recommendations)**

Laboratory # (For Lab Use)	**Your Sample I.D.**	**Source of Water:**			**Water Use:**		**Requested Analyses** (See options listed below)
		☐ Public ☐ Private	☐ Well ☐ Pond ☐ Lake ☐ Stream ☐ Processing plant ☐ Animal feedlot	☐ Wastewater treatment ☐ Other	☐ Aquaculture ☐ Commercial ☐ Domestic ☐ Greenhouse ☐ Hydroponics ☐ Irrigation-forages ☐ Irrigation-ornamentals	☐ Irrigation-turf ☐ Irrigation-vegetables ☐ Livestock ☐ Recreation ☐ Wastewater ☐ Other	☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5 ☐ 6 ☐ 7
		☐ Public ☐ Private	☐ Well ☐ Pond ☐ Lake ☐ Stream ☐ Processing plant ☐ Animal feedlot	☐ Wastewater treatment ☐ Other	☐ Aquaculture ☐ Commercial ☐ Domestic ☐ Greenhouse ☐ Hydroponics ☐ Irrigation-forages ☐ Irrigation-ornamentals	☐ Irrigation-turf ☐ Irrigation-vegetables ☐ Livestock ☐ Recreation ☐ Wastewater ☐ Other	☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5 ☐ 6 ☐ 7
		☐ Public ☐ Private	☐ Well ☐ Pond ☐ Lake ☐ Stream ☐ Processing plant ☐ Animal feedlot	☐ Wastewater treatment ☐ Other	☐ Aquaculture ☐ Commercial ☐ Domestic ☐ Greenhouse ☐ Hydroponics ☐ Irrigation-forages ☐ Irrigation-ornamentals	☐ Irrigation-turf ☐ Irrigation-vegetables ☐ Livestock ☐ Recreation ☐ Wastewater ☐ Other	☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5 ☐ 6 ☐ 7

Describe any specific problems you have observed or want to correct:

1. Routine Analysis (R) **$20 per sample**
(Conductivity, pH, Na, Ca, Mg, K, CO_3^{2-}, HCO_3^-, SO_4^{2-}, Cl^-, B, Nitrate-N, Hardness, and SAR)

2. R + Metals **$30 per sample**
In addition to Routine Analysis includes:
(Zn, Fe, Cu, Mn, and P)

3. R + Metals + Heavy Metals (Heavy) + Fluoride **$50 per sample**
In addition to Routine and Metal analyses includes:
(As, Ba, Ni, Cd, Pb, Cr, and Fluoride)

4. R + Titrate for Drip Irrigation **$25 per sample**

5. R + Metals + Titrate for Drip Irrigation **$35 per sample**

6. R + Metals + Heavy + Flouride + Titrate for Drip Irrigation **$55 per sample**

7. Animal Waste Water (fertility analysis) **$20 per sample**
(Total N, P, K, Ca, Mg, Na, Zn, Mn, Fe, and Cu)

FORM W2-800

How To Take A Water Sample

Water analyses can only be accurate if the sample is taken correctly. When collecting a water sample, please follow these simple guidelines:

CONTAINERS

Samples should be collected in a new clean, plastic bottle with a screw cap. A new eight-ounce plastic, disposable baby bottle is highly recommended. Please note that the lab does not test for bacteria, pesticides, or petrochemicals. Clearly identify each contain with a simple sample I.D. match those use on the front side of this form. When mailing, place bottles in a box and pack with a loose, soft packing material to prevent crushing. Avoid glass containers, as boron concentrations may change and glass has higher potential for breakage.

AQUACULTURE

Provide as much information as possible about the condition of the pond. If fresh water is running into the pond, collect the sample in the area of the pond least affected by the fresh water. When samples are taken from salt-water ponds where fresh water may have been added, gather water from both the top and bottom of the pond. The lab cannot test for dissolved oxygen, free carbon dioxide, or hydrogen sulfide, even though these criteria all affect fish mortality. These substances must be tested for on-site, and kits for conducting these tests are commercially available.

WELL WATER

Let the pump operate ten minutes to an hour before taking the sample. Take the sample from water at the pump.

ASSESSING PROBLEM WATERS

Two separate water samples may be required to address water related problems due to plumbing and/or fixtures. One sample should be collected at the point of entry (well or water service) and another at point of use (faucet, pool and etc.). This sampling method will help pinpoint problematic plumbing.

LIVESTOCK

Collect samples from the specific area of the trough or pond where the water was consumed. Place these samples in a clean plastic container. In the event of sick or dead livestock, samples should be sent to the Texas Veterinary Medical Diagnostic Laboratory (409) 845-3414.

ANIMAL WASTE WATER

This analysis involves digestion of the wastewater and is primarily designed to address potential fertilizer value of the material. Samples submitted for this analysis should have at least 30 percent headspace volume in the sample bottle.

Please enclose the information form and payment for each sample inside the box with the samples.

Extension Soil, Water and Forage
Testing Laboratory
Texas A&M University
2474 TAMU
College Station, Texas 77843-2474
(979) 845-4816

**** NOTICE:** Water samples will be tested for the salts commonly found in water. Interpretations will be given only for suitability for irrigation and consumption by livestock but not for human consumption. Our laboratory does NOT analyze for or organic compounds such as pesticides or petrochemicals.