



**SOIL, PLANT AND WATER ANALYSIS LABORATORY  
STEPHEN F. AUSTIN STATE UNIVERSITY**

P.O. Box 13025  
Nacogdoches, Texas 75962

936-468-4500

**MANURE / LITTER / LAGOON WASTE WATER SAMPLE INFORMATION SHEET**

**Please Print**

Your Name \_\_\_\_\_  
Street/ RFD \_\_\_\_\_  
Town \_\_\_\_\_  
State \_\_\_\_\_ Zip \_\_\_\_\_  
Phone \_\_\_\_\_  
Sample(s) came from \_\_\_\_\_ county.  
Fax or Email \_\_\_\_\_

Send extra copy to \_\_\_\_\_  
Street/ RFD \_\_\_\_\_  
Town \_\_\_\_\_  
State \_\_\_\_\_ Zip \_\_\_\_\_  
**FOR ESTABLISHED ACCOUNTS ONLY:**  
Charge \_\_\_\_\_  
(Name of Company)

Make checks payable to SFA Soil Lab.

**FOR OFFICE USE ONLY:**

Check in date: \_\_\_\_\_  
Bill Amount Due: \_\_\_\_\_  
Amount Received: \_\_\_\_\_  
Amount in Cash/Check: \_\_\_\_\_  
Check Number: \_\_\_\_\_

SEE PROPER SAMPLING TECHNIQUES ON THE BACK OF THIS SHEET.  
Manure / Litter Tests cost **\$20 per sample** and test for percent moisture P, K, Ca, Mg, S, Na, Fe, Mn, Zn, Cu. (Lagoon Analysis \$25 per sample)

Lab ID (DO NOT USE)	Your Sample ID	Please Check type of sample.	Other Information: Type of Waste Material, Number of flocks or grow-outs, and intended usage. Include Comments
		<input type="checkbox"/> Laying Hens <input type="checkbox"/> Broilers <input type="checkbox"/> Pullets <input type="checkbox"/> Breeders <input type="checkbox"/> Lagoon Water <input type="checkbox"/> Cake <input type="checkbox"/> Beef/Dairy Cattle Specify Other : _____	
		<input type="checkbox"/> Laying Hens <input type="checkbox"/> Broilers <input type="checkbox"/> Pullets <input type="checkbox"/> Breeders <input type="checkbox"/> Lagoon Water <input type="checkbox"/> Cake <input type="checkbox"/> Beef/Dairy Cattle Specify Other : _____	
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## PROCEDURE FOR TAKING MANURE/LITTER SAMPLES

Obtaining a representative manure sample from each storage area is critical to getting accurate test results. Collect multiple samples, mix them together and make a composite sample. Samples collected during application should be composite of sub-samples taken from several loads, or taken at several times or places during application through an irrigation system. Submit at least one pint of the material to the lab for analysis.

### **Manure/Litter:**

- **Taking a representative sample**  
Obtain samples from at least 10 different places and/or depths to make the composite sample. In the case of poultry litter, sample to the bottom of the litter. If possible, agitate the liquids before collecting the sample.
- **Submitting dry samples**  
Submit one quart of dry manure in a Ziploc bag, squeeze excess air from the bag and seal it. Complete the manure testing sample information form and make sure to write your sample number or ID on the bag and mail it to the lab.
- **Submitting wet samples**  
Submit one pint of liquid manure in a plastic container. Do not fill the container. Make sure to leave at least one third free space and tighten the cap securely. Complete the manure testing sample information form and write your sample number or ID on the container with permanent ink and mail it to the lab.

### **Anaerobic Lagoons:**

Anaerobic lagoons are not usually agitated before manure removal. The top water, effluent, when sampled from May to November, is fairly uniform in nutrient concentration from the surface to the interface with the sludge layer due to biological mixing. If anaerobic lagoons are pumped from near the surface, a representative manure sample can be obtained by taking several surface samples. Avoid samples that contain floating solids.

**Mailing Instructions:** Place sample containers in a box and wrap securely. Unwrapped sample bags are often broken in the mail. Place manure sample information sheet and check or money order in an envelope inside the box of samples.

#### **MAILING ADDRESS:**

Stephen F. Austin State University  
Soil, Plant and Water Analysis Laboratory  
Box 13025, SFA Station  
Nacogdoches, TX 75962

#### **LABORATORY LOCATION:**

Agriculture Building, Room 122  
Wilson Drive, SFASU Campus  
Telephone: (936) 468-4500  
Fax: (936) 468-7242