



BIOSOLID SAMPLE INFORMATION FORM

MANURE, LITTER, AND EFFLUENTS

**TEXAS AGRICULTURAL EXTENSION SERVICE
THE TEXAS A&M UNIVERSITY SYSTEM**

Soil, Water and Forage Testing Laboratory

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

SUBMITTED BY:

Name _____ County where sampled _____
 Address _____ Phone _____
 City _____ State _____ Zip _____

FOR: (Will not receive copy)

Name _____
 Address _____
 City _____ State TX Zip _____

Payment (DO NOT SEND CASH).
 Check
 Money Order
 Government Account
 Amount Paid \$ _____

SAMPLE I.D.		SAMPLE INFORMATION (Required)			(See options listed below)
Laboratory # (For Lab Use)	Your Sample I.D.	Quantity Represented	Biosolid to be applied to: (cultivated crop land, non cultivated crop land, or other)	Sample Type: Please check box	Requested Analyses
				<input type="checkbox"/> solid manure <input type="checkbox"/> litter <input type="checkbox"/> liquid-effluent <input type="checkbox"/> other _____	<input type="checkbox"/> 1 manure/litter <input type="checkbox"/> 2 effluent and other
				<input type="checkbox"/> solid manure <input type="checkbox"/> litter <input type="checkbox"/> liquid-effluent <input type="checkbox"/> other _____	<input type="checkbox"/> 1 manure/litter <input type="checkbox"/> 2 effluent and other
				<input type="checkbox"/> solid manure <input type="checkbox"/> litter <input type="checkbox"/> liquid-effluent <input type="checkbox"/> other _____	<input type="checkbox"/> 1 manure/litter <input type="checkbox"/> 2 effluent and other
				<input type="checkbox"/> solid manure <input type="checkbox"/> litter <input type="checkbox"/> liquid-effluent <input type="checkbox"/> other _____	<input type="checkbox"/> 1 manure/litter <input type="checkbox"/> 2 effluent and other

Please select one analysis group per sample:

Analysis for Biosolids	
1. Nitrogen + Minerals + % Moisture (N, P, K, Ca, Mg, Na, Zn, Fe, Cu, Mn and % moisture) (for solid manures only)	\$15 per sample
2. Nitrogen + Minerals (N, P, K, Ca, Mg, Na, Zn, Fe, Cu, and Mn) (for effluents and other misc. samples)	\$15 per sample

Please follow all sampling and shipping instructions on back of of this form.

-----Available Services-----

Analyses conducted on biosolids (i.e., litter, composts or manure samples) are intended to provide accurate data for determining application rates and nutrient loading. *All samples are analyzed with the understanding that the results are **not** in any way associated with environmental control regulations.*

Sample Collection

Manure and litter samples

- Collect at least 5 and preferably 10 subsamples from piles. Be sure to sample throughout the pile, not just the outside surface.
- Mix subsamples thoroughly in clean plastic bucket.
- Transfer sample to suitable container (see below).
- Label sample container using a permanent marker.
- Separate samples should be taken for each type or age of manure and litter.

Effluent samples

- Collect at least 5, and preferably 10 subsamples from the lagoon.
- Sample the lagoon using a plastic cup (8 ounce) secured to an aluminum rod (6 to 10 feet long).
- Samples collected with depth will better represent effluent.
- Collect subsamples and mix in clean plastic bucket.
- Transfer sample to suitable container (see below).
- Label sample container using a permanent marker.
- Separate samples should be taken for each lagoon.

Sample containers

- Biosolids, manure and litter samples should be collected in sealable plastic bags.
- Liquid samples (i.e., lagoon or effluent samples) should be collected in plastic bottles (16 ounce) with at least 50% headspace. Failure to provide adequate headspace may result in rupture of container.
- Do not use cola bottles or other containers containing phosphorus or nutrients to be analyzed.

Shipping Samples

- Complete this information form.
- Enclose completed information form and payment in package.
- Verify payment check is made out to **Soil Testing Laboratory.**
- **DO NOT SEND CASH.**
- Address the letter and package to the following address:

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

For further information please contact your local County Extension Agent

Educational programs conducted by the Texas Agricultural Extension Service serve people of all ages regardless of socio-economic level, race, color, sex, religion, handicap or national origin.

Issued in furtherance of Cooperative Extension Work in Agricultural and Home Economics, Acts of Congress of May 8, 1914, as amended, and June 30, 1914, in cooperation with the United States Department of Agriculture. Edward A. Hiler, Director, Texas Agricultural Extension Service, The Texas A&M University System.