



SAMPLE INFORMATION FORM

Composts, Manure, Growing Media

Chain of Custody for Lab Submissions

2018

Ship to: Woods End Laboratories
290 Belgrade Road
Mt. Vernon ME 04352



lab@woodsendlab.com
Phone: (207) 293-2457
Fax: (207) 293-2488

Page _____ of _____

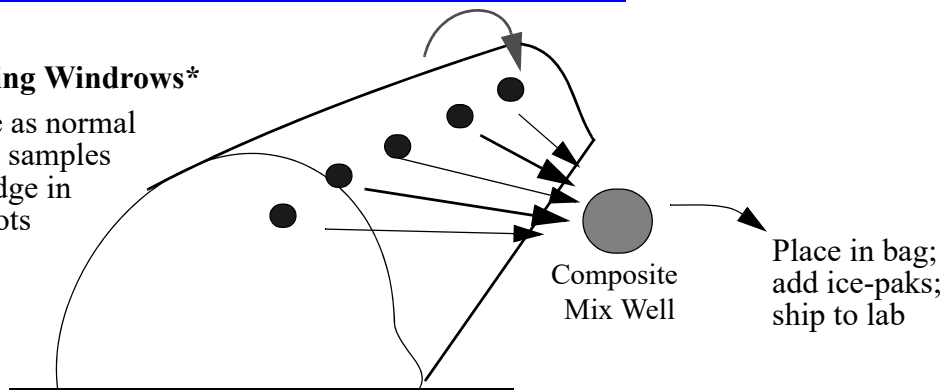
Your Acct #		Previous Lab ID (if any)		Contact Name:		Phone:	
Company:				Contact Email:			
Address:				PO# (established accts):		Project #	
				Check included		Check number:	
City, State (Prov), Zip:				Credit Card #:		Expiration: /	
		Date Sampled:		Name on Card:		Security Code:	
<input type="checkbox"/> Hardcopy of Report Requested (otherwise email pdf only)		<i>To pay online click here: https://solvita.com/product/compost-testing/</i>					
Your Sample Identification <small>Use more space on back</small>		Lab Use <small>(Lab ID, IRF, Project Code)</small>	Description of Ingredients (Required) <small>(peat, manure, compost, food scrap, sawdust, wood chips, etc)</small> Please List any known ingredients which are likely to influence analysis		Cooled, Gel-Paks, or None	ANALYSIS DESIRED	
					<input type="checkbox"/> 101-Basic <input type="checkbox"/> 110-Premium <input type="checkbox"/> Herbicide Bioassay <input type="checkbox"/> Solvita <input type="checkbox"/> Growing Media <input type="checkbox"/> Best-Use Certification		
1							
2							
3							
4							
5							
6							
Shipped By: _____ Date: _____				Received By: _____ Date: _____		Cooler Return? Yes <input type="checkbox"/> No <input type="checkbox"/>	
				Note: A blank or a No means we will discard the container. A Yes obligates you to absorb the \$30 fee for container return.			

NOTE: This form constitutes a contract for the requested services. A minimum handling fee may be applied if no tests are specified or requested tests are cancelled later. Laboratory reserves the right to dispose of samples within 72 hours of shipment if no information is provided.

SAMPLE PILES THOROUGHLY!

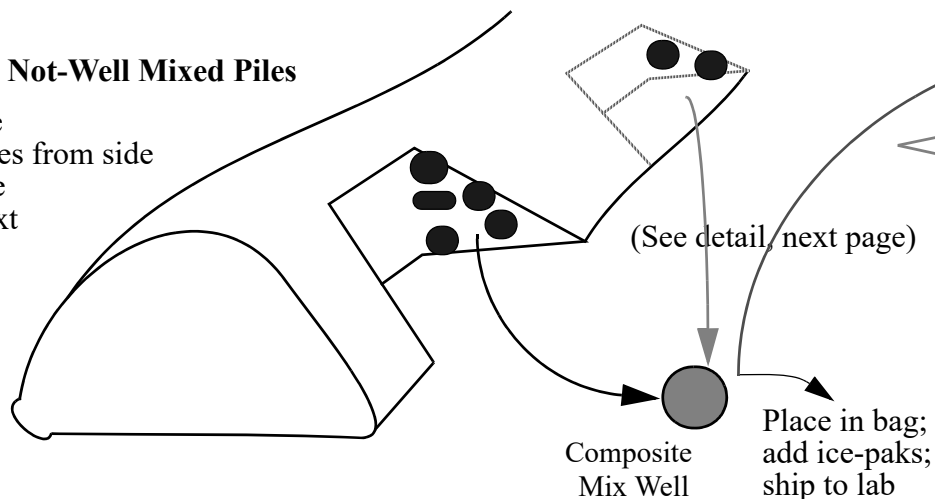
A. Sampling Windrows*

- Mix pile as normal
- Remove samples along edge in 5-10 spots



B. Sampling Not-Well Mixed Piles

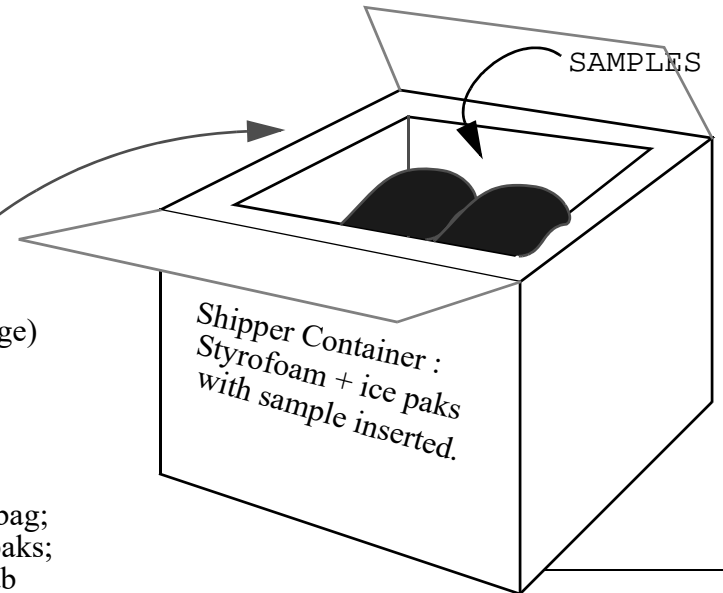
- Cut into pile
- Take samples from side exposed edge
- Cut into next location, etc.



Source Of Sample Shipping Containers:

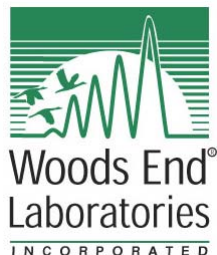
Use your chosen search engine or go to:

- www.uline.com 1-800-295-5510
- Thermosafe.com 1-866-484-4394



A. Well Mixed Piles* (turned within 4 hours): Take 5 sub-samples each from each side of pile; mix-well in bucket and remove 1-gallon and ship to lab in cardboard/styrofoam containers with ice-paks.

B: Not Well-Mixed piles: Cut cross-section with loader; take 5-sub-samples each from side-wall of cut; repeat operation at 3-5 other locations; remove 1-gallon and ship to lab with ice-paks.



* Note - for sealed piles such as Polyflex or Gore-Tex material must be sampled as in Figure A. Double the number of sub-samples to make a composite if no mixing has been done.

SEND SAMPLES TO:

Woods End Laboratories, Inc.
290 Belgrade Road
Mt Vernon ME 04352 USA



SAMPLE ANALYSIS INFORMATION

Composts, Manure, Growing Media Chain of Custody for Lab Submissions 2018



ANALYSES: (for compost, potting media, manures, solid waste)

Basic #101: contains the following : Wet Density (lbs ft³, lbs yd³ or g cc⁻¹, kg m³); total solids, moisture, water holding capacity, pH, free carbonates, conductivity (EC), total organic matter, total-Nitrogen, C:N, Solvita CO₂ respiration, Solvita ammonia volatilization. Estimated cost (prices may vary) \$275

Premium #110: contains all of the above #101 plus: Seedling germination and seedling vigor (Wheat, Cress and Red Clover), Herbicide Bioassay (auxin response), Germinable weeds, total minerals (Ca, P, K, Na, Mg); Soluble ions: Ammonium and Nitrate; trace elements/metals: Cu, Mn, Fe, Pb, Cr, Cd, Ni. Estimated Cost (prices may vary) \$375

OTHER SPECIAL TESTS:

Herbicide Bioassay #202 (included in #110 above) performed separately: Wheat, Cress and Red Clover Assay with PIRM analysis to estimate quantity and risk to plants at varying concentrations. Estimated Cost \$150

Best Use Certification #710a: includes full #110 plus: matrix analysis ranking of 6 potential best uses for a composted product using multi-regression rank-order statistics of tested traits. Result is a best-use analysis form and ranked classification. Certificate available. Estimated cost (prices may vary) \$500

Sort Analysis: A sieve-sort analysis of particle sizes ranging from ¾" down to 2mm. Can be performed at two levels of quantitation: Level-1, % breakdown of size groups and Level-2: size groups AND man-made inerts classification (percentage in plastic, metal, glass, debris). Estimated cost (prices may vary): Level-1 #109 \$75; Level-2 #Inerts \$225

Dewar Self-Heating Test #203: A standardized assay of the potential for self-heating of a 1-liter volume sample placed inside a Dewar Vessel. Results is a heat level and classification. Est. Cost \$75

DECAY TESTS:

Woods End performs a series of decay kinetics for compost and compost ingredients: half-life calculation of compost, bioplastics and degradable chemicals added to compost and soil. Please inquire.

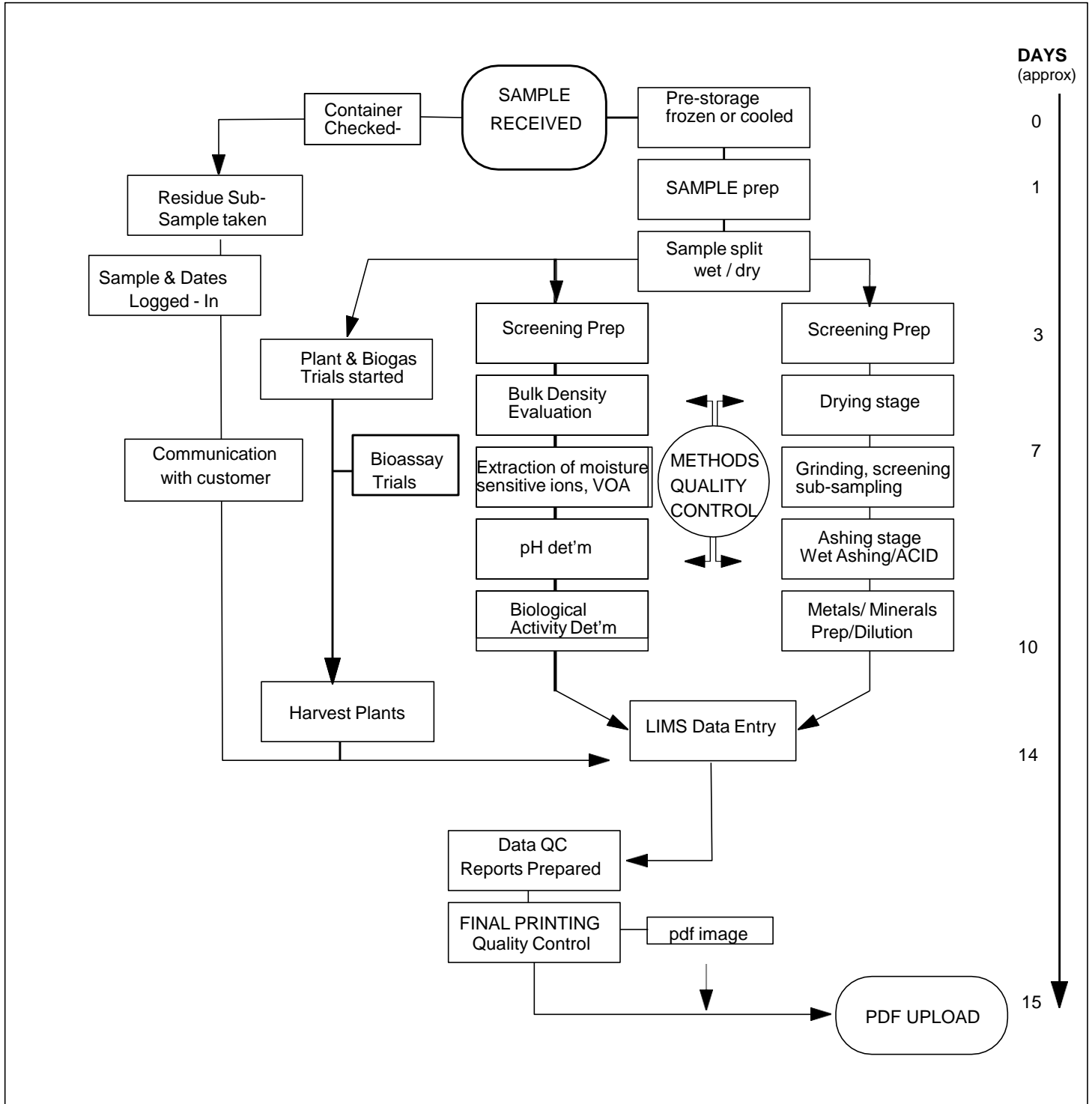
WOODS END LABORATORIES
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LAB FLOW CHART OVERVIEW OF ANALYSIS PHASE



WOODS END LABORATORIES
 290 Belgrade Road - PO Box 297 - Mt Vernon, ME 04352
 For More Information call — 800.451.0337