

# Carbon Source Resourcing Process

## Information Received from Farm

The beginning phase of the process is to obtain required needs from the farm owner or company representative (of growers). The process is simple yet requires specific information which can be recorded to document resource allocation.

The farm owner or company representative submits information to the Mortality Management Team, part of the operations section of the Incident Management Team (IMT). Information is sent via email to representatives of NCDA&CS poultry section of the veterinary division.

Information required for carbon sourcing includes:

Name of farm	Type of poultry (i.e. broiler, breeder, layer, etc.)
Farm owner	Age of poultry
Phone number	Number of poultry in each house
Farm address	Amount of litter (i.e. 4 inches, 7 inches, etc.)
Number of houses	Reason for mortality (i.e. power failure, foaming operations, etc.)
House dimensions	
Reason for request (i.e. compost on site, leachate collection, litter bulking due to flooding, etc.)	

Once this information is received by the poultry section, it is sent to a compost Subject Matter Expert (SME) to calculate the amount of carbon source material needed for the farm; and this is based on the reason for the request.

## Calculations Performed

Calculations are performed to ensure the right amount of resources are needed on the farm. Information is entered into a calculator developed specifically for composting. This calculator converts house size (in square feet), litter amount (by volume), bird weight, and number of birds into a total amount of carbon material needed (in yards).

## Contact with Farm

After calculations have been performed on amount of carbon needed, contact with the farm owner or representative occurs to ensure delivery date of carbon material is conducive. This will ensure someone is at the farm to receive the material and to show placement of the material.

## Carbon Ordered

Once contact with the farm has been conducted and a date range for receiving has been set, vendors are contacted to obtain the material and to schedule delivery. Vendor is selected based on proximity to farm, availability of materials, and capabilities to haul material. Vendors were obtained through contact with NC Department of Environmental Quality, solid waste section.

This section works with various wood chip vendors and other carbon producers in the state. The normal rate for purchase of material is the selected and a delivery date is scheduled.

### Observer/SME Scheduled

Upon scheduling of material for delivery, an observer from NCDA&CS is selected to go to the site on the same date as delivery, unless farm signs delivery tickets. SME are available to assist periodically or as needed.

### Delivery Confirmation

The observer or the SME will obtain a signature on a waiver required for delivery of the materials, and photo documentation is then captured of some of the materials delivered. This information is then relayed to the IMT and captured for documentation of all activities. SME also assists farm operations on proper composting techniques. Observer/SME relays information at end of day of number of loads delivered and any other relevant information. This information is relayed to the IMT for tracking and documentation, and for overall statistics reporting.

### Closeout

SME/observer consults with farm owner once all materials are delivered to close out the process. This part of the process could occur several weeks after initial delivery of materials to ensure materials are utilized for composting, leachate collection, or environmental protection.