

**Nutrient Management Plan Special Conditions for
Virginia Pollution Abatement (VPA) and Virginia Pollutant Discharge
Elimination System (VPDES) Permits
September 2011**

The following management practices will be utilized for poultry operations transferring litter and requiring a VPA or VPDES permit:

1. Representative litter samples will be analyzed at a minimum of once every three (3) years for VPA permits and once per year for VPDES permits for the following: total nitrogen or total Kjeldahl nitrogen (TKN), ammonium nitrogen, total phosphorus, total potassium, calcium, magnesium, and percent (%) moisture. Separate samples shall be taken from all manure sources to be used for application (i.e. house, storage shed, etc.). All manure analyses shall be performed using laboratory methods consistent with *Recommended Methods of Manure Analysis*, publication A3769, University of Wisconsin, 2003 or other methods approved by the Virginia Department of Conservation and Recreation (DCR).
2. If poultry litter is stackable and contains less than 40% moisture, storage may be utilized for up to 14 days on sites meeting the following criteria:
 - Slope is not greater than 7%
 - Site must be at least 100 feet from any surface water, intermittent drainage, wells, sinkholes, rock outcrops and springs
3. Storage sites used for greater than 14 days must be identified in this plan. These sites which are not covered by a roof must meet the following criteria:
 - The litter can not be stored for greater than 180 days, and
 - The waste is covered with a waterproof reinforced tarp (ultraviolet resistant is preferable) or impermeable sheeting of 6 mil thickness or greater that is anchored against wind on the perimeter and weighted on top, and
 - The waste stockpile is protected from stormwater running onto or under it.
4. Loading areas around manure storage facilities and poultry houses that are exposed to rainfall will be maintained so that manure residue is minimal.
5. New waste storage facilities shall be designed, constructed and operated in accordance with the USDA-NRCS *Field Office Technical Guide* and other appropriate NRCS design criteria.
6. Composting of animal mortalities will be conducted in accordance with the latest guidance developed by Virginia Cooperative Extension.
7. This nutrient management plan will be revised at least once every five (5) years to make adjustments for litter nutrient analysis or prior to any waste application.
8. This nutrient management plan must be amended or modified and submitted to DCR for review and approval if animal numbers increase above the level specified in the plan or animal types including intended market weights are changed.
9. The litter transferred from this facility will be transferred in accordance with the Virginia Department of Environmental Quality's requirements and those of other regulatory agencies.
10. These conditions do not override any more restrictive plan requirements if required by other specific legislative, regulatory or incentive programs which apply to a specific operator.