

## LITTER STORAGE REQUIREMENTS WORKSHEET

Conservation District: \_\_\_\_\_ Field Office: \_\_\_\_\_

Cooperator: \_\_\_\_\_ Location: \_\_\_\_\_

### STORAGE REQUIREMENTS

- (1) To determine the operation storage requirements, use **ONE** of the following method: A. Volume Factor Method, B. Known Clean Out Depth or C. Known Number of Loads.

A. *Volume Factor Method*

$$V_p = \text{Litter Produced per cycle} = B^{1/} \times \text{Volume Factor}^{2/} = \underline{\hspace{2cm}} \times \underline{\hspace{2cm}} = \underline{\hspace{2cm}} \text{ ft}^3$$

<sup>1/</sup> B = Total Number of Birds on the Farm

<sup>2/</sup> To determine Volume Factor use Poultry Waste Data Table 1 – GA-ENG-313T1

B. *Known Clean Out Depth*

$$V_p = \text{Litter Produced per cycle} = \text{Number of houses} \times \text{Dimensions (L x W)} \times \frac{\text{Clean out Depth (in)}}{12}$$

$$V_p = \underline{\hspace{2cm}} \times \underline{\hspace{2cm}} \times \underline{\hspace{2cm}} \times \underline{\hspace{2cm}} = \underline{\hspace{2cm}} \text{ ft}^3$$

C. *Known Number of Loads*

$$V_p = \text{Litter Produced per cycle} = \text{Volume of Hauling Equipment} \times \text{\# of Loads}$$

$$V_p = \underline{\hspace{2cm}} \times \underline{\hspace{2cm}} = \underline{\hspace{2cm}} \text{ ft}^3$$

- (2)  $V_{LR} = \text{Recommended Litter to store per cycle} = \% \text{ of Litter (as decimal)}^{3/} \times V_p$

$$V_{LR} = \underline{\hspace{2cm}} \times \underline{\hspace{2cm}} = \underline{\hspace{2cm}} \text{ ft}^3$$

<sup>3/</sup> Percent of litter the landowner is not able to utilize or sell. Based on landowner's nutrient management plan.

- (3)  $V_L = \text{Operation Storage Requirements} = V_{LR} \times F^{4/} = \underline{\hspace{2cm}} \times \underline{\hspace{2cm}} = \underline{\hspace{2cm}} \text{ ft}^3$

<sup>4/</sup> F = Number of Flocks (Cycles). A maximum of **two (2)** cycles shall be used.

Designed by: _____	Date: _____
Checked by: _____	Date: _____
Approved by: _____	Date: _____
Job Class: _____	