LITTER STORAGE REQUIREMENTS WORKSHEET

Conservation District: ***Oconee River*** Field Office: ***Watkinsville***

Cooperator: ***John Doe*** Location: ***Oconee County***

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*

$\mathbf{V_p}$ = Litter Produced per cycle = **B** [1/] x **Volume Factor** [2/] **=** ***100,000*** **x** ***.075*** **=** ***7,500*** ft^3

[1/] *B = Total Number of Birds on the Farm*

[2/] *To determine Volume Factor use Poultry Waste Data Table 1 – GA-ENG-313T1*

B. *Known Clean Out Depth*

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

$\mathbf{V_p}$ = _____ **x** _____ **x** _____ **x** $\frac{_____}{\textbf{12}}$ **=** _____ ft^3

C. *Known Number of Loads*

$\mathbf{V_p}$ = Litter Produced per cycle = **Volume of Hauling Equipment x # of Loads**

$\mathbf{V_p}$ = _____ **x** _____ **=** _____ ft^3

(2) $\mathbf{V_{LR}}$ = Recommended Litter to store per cycle = % of Litter (as decimal) [3/] x $\mathbf{V_p}$

$\mathbf{V_{LR}}$ = ***0.6*** x ***7,500*** = ***4,500*** ft^3

[3/] *Percent of litter the landowner is not able to utilize or sell. Based on landowner's nutrient management plan.*

(3) $\mathbf{V_L}$ = Operation Storage Requirements = $\mathbf{V_{LR}}$ **x F** [4/] **=** ***4,500*** x ***2*** = ***9,000*** ft^3

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

Designed by: _____ Date: _____

Checked by: _____ Date: _____

Approved by: _____ Date: _____