



Kent Conservation District  
1679 S. DuPont Hwy.  
Dover, Delaware 19901  
(302) 608 - 5370

APPLICATION FOR STANDARD PLAN APPROVAL

**Poultry House Construction:**

Approval of this Standard Sediment and Stormwater Plan may be granted if all of the following criteria are met:

1. Construction is for one or more poultry houses and associated structures including generator and pump structures, composter structures and manure storage structures. Other agricultural structures shall comply with the Standard Plan for Agricultural Structure Construction.
2. Poultry house layout, including the general dimensions of structures, roadways and loading areas, as well as spacing between structures will adhere to Department or Delegated Agency guidance for this Standard Plan.

**Site Information**

Project Name: \_\_\_\_\_ Parcel Total Acres (nearest 0.1ac): \_\_\_\_\_  
 Tax Parcel ID: \_\_\_\_\_ Disturbed Area (nearest 0.1ac): \_\_\_\_\_  
 Site Location: \_\_\_\_\_ Proposed Impervious Area (square feet): \_\_\_\_\_  
 \_\_\_\_\_ Wooded area to be cleared: \_\_\_\_\_

**Applicant Information**

Owner: \_\_\_\_\_ Applicant: \_\_\_\_\_  
 Mailing Address: \_\_\_\_\_ Mailing Address: \_\_\_\_\_  
 \_\_\_\_\_  
 Owner Phone: \_\_\_\_\_ Applicant Phone: \_\_\_\_\_  
 Email Address: \_\_\_\_\_ Email Address: \_\_\_\_\_

**Applicant Certification**

**I, the undersigned, certify that the information supplied on this Application for Standard Plan Approval is accurate, the proposed land disturbing activity meets the criteria established, and all conditions of this Agriculture Approval will be met by the applicant, builder, contractor, and owner during construction and post construction.**

Applicant Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Applicant Printed Name: \_\_\_\_\_ Title: \_\_\_\_\_

**Fees: See current fee schedule. Make checks payable The Kent Conservation District.**

<b>Approval Information (for office use only)</b>	
Permit # _____	
Fee Paid: \$ _____	
<input type="checkbox"/> Check # _____	<input type="checkbox"/> Cash

**Effective: November 1, 2024**

### Standard Conditions

1. Nutrient management plan recommendations will be followed for the project, during construction and throughout the life of the project. To the maximum extent practicable, runoff from impervious surfaces including roof, roadways, and loading areas will be conveyed to an ephemeral wetland forebay. Ephemeral wetland forebay volume calculations based on Department or Delegated Agency guidance for this Standard Plan will be submitted.
2. A detention basin will be provided to manage the runoff from the Conveyance (Cv) and Flooding (Fv) events. For poultry houses constructed where there is no forest clearing, the volume of the detention basin may be included in the ephemeral wetland forebay to make one detention structure. Detention basin volume calculations based on Department or Delegated Agency guidance for this Standard Plan will be submitted.
3. Vegetated stabilization will be completed in accordance with Department or Delegated Agency guidance for this Standard Plan.
4. Construction projects exceeding 1.0 acre of total disturbance require submittal of a Notice of Intent (NOI) for Stormwater Discharges Associated with Construction Activity. A plan fulfilling Stormwater Pollution Prevention Plan (SWPPP) requirements must be developed to obtain general permit coverage for Stormwater Discharges Associated with Construction Activity (see attachment).
5. Approval of this Standard Plan does not relieve the applicant from complying with any and all federal, state, county or municipal laws and regulations.

### Stabilization Conditions

1. Following initial soil disturbance or redisturbance, temporary or permanent stabilization with seed and mulch shall be completed within 14 calendar days to the surface of all disturbed areas not actively under construction.
2. Specific stabilization recommendations may be found in the Delaware Erosion and Sediment Control Handbook, 3.4.3 Standard and Specifications for Vegetative Stabilization

The plan fulfilling SWPPP requirements will include the following:

- A north arrow
- Parcel information, including the following:
  - Site address or location
  - Tax parcel ID
  - Parcel size in acres
  - Wetland delineation line, if applicable
  - Floodplain line, if applicable
  - Tax ditch rights-of-way, if applicable
  - Building setback line
  - NRCS description of site soils
- Project information, including the following:
  - Estimated disturbed area
  - Site discharge location and receiving waters
  - Estimated construction start and completion dates
  - Proposed grading
  - Construction sequence, including notification, pre-construction meeting, construction of perimeter controls, construction of forebay and detention basin, vegetative stabilization and submittal of Notice of Termination.
  - Construction site stormwater BMP standard details, including construction site waste management and spill control and concrete washout
  - Vegetated stabilization requirements
  - General construction notes
- Owner contact information
- Signed owner certification, including certification that a responsible person (Blue Card Holder) shall implement the Plan fully through daily oversight of the construction while land disturbing activity is taking place
- Signature and seal of licensed design professional
- Plan view of project at a maximum scale of 1"=50' to include:
  - Layout with dimensions of poultry houses and associated structures, roadways, loading areas
  - A 2-foot wide gravel diaphragm to be constructed along both sides of each individual poultry house to stabilize the dripline from the roof
  - Conveyance swales having a flat bottom width of 8 feet
  - Ephemeral wetland forebay with dimensions and elevations. Volume computations may be submitted separately.
  - If applicable, detention basin with dimensions and elevations. Volume computations may be submitted separately.
- Cross section through poultry houses, roadways, and conveyance swales between houses.
- Profile through ephemeral wetland forebay and detention basin including forebay inlet, overflow weir and site discharge location. When the site discharges via a closed pipe, the minimum diameter will be 18 inches. The invert elevations of the discharge pipe will be provided on the plan.

## KENT COUNTY

### STORMWATER STORAGE REQUIREMENTS - HSG A SOILS

<i>Layout</i>	<b>Cropland Disturbance</b>	<b>Forest Disturbance</b>	
	<i>Forebay/Detention Combo (cf)</i>	<i>Forebay (cf)</i>	<i>Detention Basin (cf)</i>
1-House	9125	8350	41825
2-House	18250	16675	83650
3-House	27375	25025	125475
4-House	36500	33350	167300
Per 1000 SF Impervious*	200	205	465

\* Area to be captured by Ephemeral Wetland Forebay.

### STORMWATER STORAGE REQUIREMENTS - HSG B SOILS

<i>Layout</i>	<b>Cropland Disturbance</b>	<b>Forest Disturbance</b>	
	<i>Forebay/Detention Combo (cf)</i>	<i>Forebay (cf)</i>	<i>Detention Basin (cf)</i>
1-House	6500	9575	22850
2-House	13000	19125	45700
3-House	19500	28700	68550
4-House	26000	38250	91400
Per 1000 SF Impervious*	150	195	245

\* Area to be captured by Ephemeral Wetland Forebay.

### STORMWATER STORAGE REQUIREMENTS - HSG C SOILS

<i>Layout</i>	<b>Cropland Disturbance</b>	<b>Forest Disturbance</b>	
	<i>Forebay/Detention Combo (cf)</i>	<i>Forebay (cf)</i>	<i>Detention Basin (cf)</i>
1-House	5250	9575	9900
2-House	10500	19125	19775
3-House	15750	28700	29675
4-House	21000	38250	39550
Per 1000 SF Impervious*	120	160	125

\* Area to be captured by Ephemeral Wetland Forebay.

### STORMWATER STORAGE REQUIREMENTS - HSG D SOILS

<i>Layout</i>	<b>Cropland Disturbance</b>	<b>Forest Disturbance</b>	
	<i>Forebay/Detention Combo (cf)</i>	<i>Forebay (cf)</i>	<i>Detention Basin (cf)</i>
1-House	4000	8775	5475
2-House	8000	17550	10950
3-House	12000	26325	16425
4-House	16000	35075	21900
Per 1000 SF Impervious*	100	135	80

\* Area to be captured by Ephemeral Wetland Forebay.