



Town of Middletown
19 West Green Street
Middletown, DE 19709
(302) 378-2711

APPLICATION FOR STANDARD PLAN APPROVAL

AGRICULTURAL STRUCTURE CONSTRUCTION

Definitions

1. "Agricultural Structure" means a structure on a farm used solely for agricultural purposes in which the use is exclusively in connection with the production, harvesting, storage, drying, or raising of agricultural commodities, including the raising of livestock. Structures used for human habitation, public use, or a place of employment where agricultural products are processed, treated, or packaged are not considered agriculture structures for the purposes of these regulations.
2. "Forest" means a biological community dominated by trees and other woody plants covering a land area of one contiguous acre or greater, and that have at least 100 trees per acre with at least 50% of those trees having a 2 inch or greater diameter at 4.5 feet above the ground and larger. Forest does not include orchards or other stands of trees having a curve number equivalent to "woods-grass combination". To determine whether a site meets the definition of a forest at baseline condition of 2017, the Department or its authorized Delegated Agency may use data from various sources, including but not limited to Land Use/Land Cover data, historic and recent aerial photography, field collected data, etc.

Applicability Criteria

1. The total land disturbance will not exceed 5.0 acres.
2. The pre-construction land use at the location of the agricultural structure is historically agricultural use (farmstead, crop field, pasture). Within the disturbed area, the pre-development land use is not classified as forest. If any portion of the pre-construction land use is forest, a detailed plan is required.
3. The proposed impervious area as a result of construction of an agricultural structure is less than 10% of the watershed area to the point of discharge from the parcel.

Site Information

Project Name: _____ Parcel Total Acres (nearest 0.1ac): _____
Site Location: _____ Disturbed Acres (nearest 0.1ac): _____
Tax Parcel ID: _____ Proposed Impervious Area: _____ sq ft / ac
Wooded area to be cleared: _____ sq ft / ac

Applicant Information

Owner: _____ Applicant: _____
Mailing Address: _____ Mailing Address: _____

Owner Phone: _____ Applicant Phone: _____
Owner Email: _____ Applicant Email: _____

Fees

The review fee is \$150 for any plan approval. Make checks payable to the Town of Middletown.

Approval Information (for office use only)

Approval # _____ Fee Paid: \$ _____
Approved by: _____ Approval Date: _____
Title: _____ Expiration Date: _____

Standard Conditions

1. Nutrient management plan recommendations will be followed for the project, during construction and throughout the life of the project.
2. Discharges from rooftops will be disconnected from impervious surfaces to the maximum extent practicable. Downspouts, if applicable, will discharge to a stabilized area, such as grass or gravel.
3. Impervious surfaces, including compacted gravel roadways, will be graded to sheet flow to pervious areas to the maximum extent practicable.
4. Construction site stormwater management best management practices will be used. Standard Detail and Specification DE-ESC-3.7.1 ESC For Minor Development will be followed (see attachment).
5. 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).
6. 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.

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 Standard Plan Approval will be met by the applicant, builder, contractor, and owner during construction and post construction.

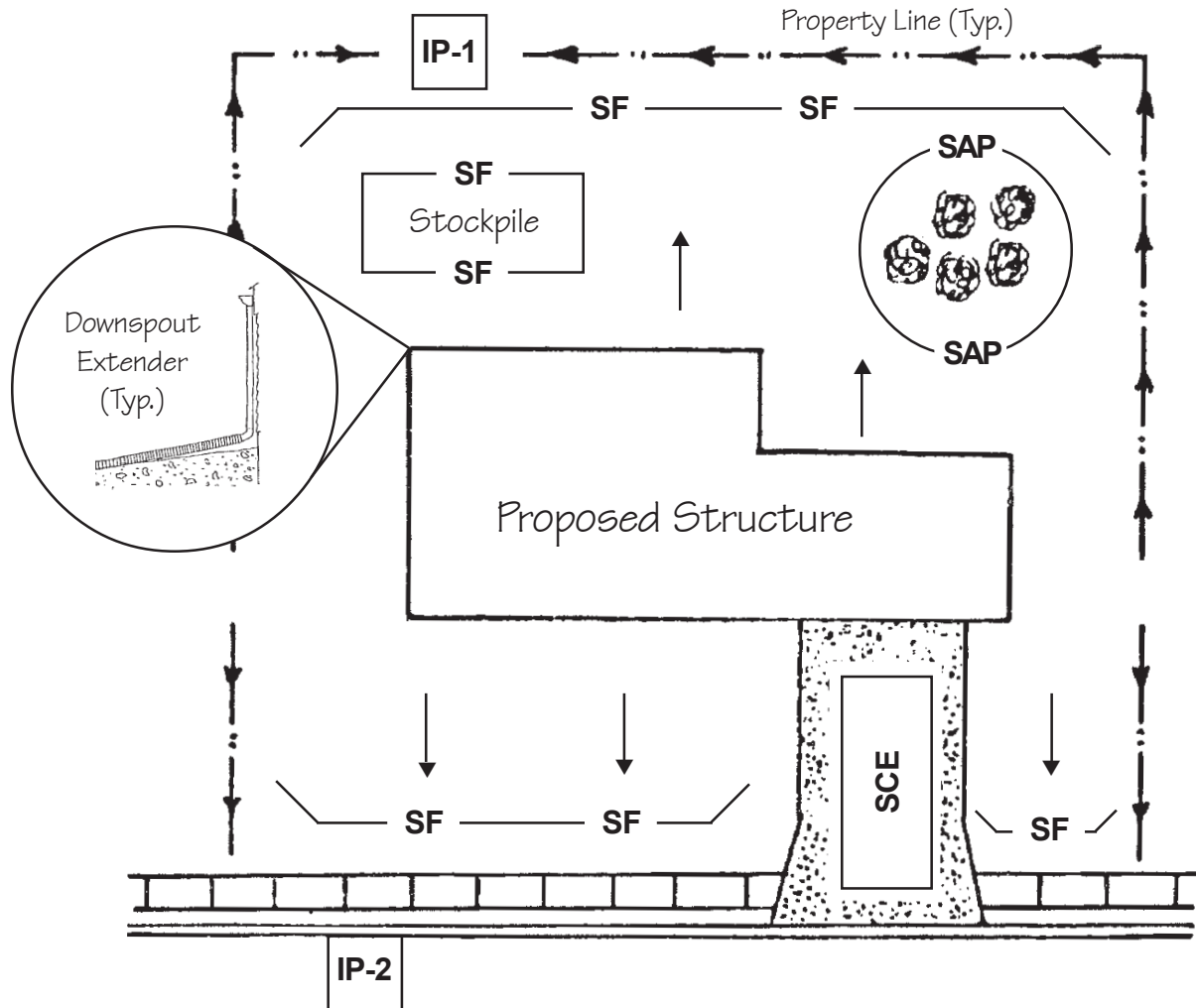
Applicant Signature: _____ Date: _____

Applicant Printed Name: _____ Title: _____

*****THIS STANDARD PLAN APPLICATION FORM MUST BE MAINTAINED ON THE SITE AT ALL TIMES DURING CONSTRUCTION*****

Standard Detail & Specifications

ESC for Minor Development



LEGEND

Flow

Silt Fence

Sensitive Area Protection

Stabilized Construction
Entrance



SF

SAP

SCE

Inlet protection - Type 1

IP-1

Inlet Protection - Type 2

IP-2

Source:

Adapted from IN DNR,
"Erosion Control for the
Home Builder"

Symbol:

Detail No.

DE-ESC-3.7.1

Sheet 1 of 2

Effective July 2023

Standard Detail & Specifications

ESC for Minor Development

Construction Notes:

1. Evaluate the Site.
 - a. Identify Vegetation To Be Saved
 - b. Protect Trees and Sensitive Areas
2. Install Perimeter Erosion And Sediment Controls.
 - a. Protect down-slope areas with vegetative filter strips.
 - b. Protect down-slope areas with silt fence.
 - c. Restrict all lot access to stabilized construction entrance to prevent vehicles from tracking mud onto roadways.
 - d. Install inlet protection on nearby storm drain inlets.
3. Prepare the Site for Construction.
4. Salvage and Stockpile the Topsoil/Subsoil
5. Build the Structure(s) and Install the Utilities.
6. Install Downspout Extenders
7. Maintain the Control Practices.
 - a. Maintain all erosion and sediment control practices until construction is completed and the lot is stabilized.
 - b. Inspect the control practices a minimum of twice a week and after each storm event, making any needed repairs immediately.
8. Revegetate the Building Site.
 - a. Redistribute the stockpiled subsoil and topsoil.
 - b. Seed or sod bare areas.
 - c. Mulch newly seeded areas.
9. Remove Remaining Temporary Control Measures.

Source:

Adapted from IN DNR,
"Erosion Control for the
Home Builder"

Symbol:

Detail No.

DE-ESC-3.7.1

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Standard Detail & Specifications

Construction Site Pollution Prevention

Delaware NPDES Discharge Permit

General Permit for Discharge of Stormwater from Construction Activities

((Project Name))

((NOI Permit Number))

((Agency Plan Approval ID))

((Contact Name & Number for Additional Site Information))

((Contact Name & Number to Obtain Copy of Approved Plan))

If you observe indicators of stormwater pollutants
in the discharge or in the receiving waterbody, call the
DNREC Spill Notification 24 HR Hotline at

1-800-662-8802

Example Construction General Permit (CGP) Signage

NOTES:

1. Minimum sign size 2' x 2'
2. Minimum text size 1"
3. Sign must be posted at a safe, publicly accessible location close to construction site
4. Sign must be visible from the public road nearest the active construction site
5. Signs posted within a DelDOT or other public road right-of-way (ROW) must be in accordance with all local and/or State requirements in regards to safety, location, orientation, etc.

Source:

Delaware ESC Handbook

Symbol:

Detail No.

DE-ESC-3.6.1

Sheet 1 of 4

Effective July 2023

Construction Site Pollution Prevention

Notes:

The Construction Site Pollution Prevention Plan includes the following elements:

1. Material Inventory

Document the storage and use of the following materials:

- a. Concrete
- b. Detergents
- c. Paints (enamel and latex)
- d. Cleaning solvents
- e. Pesticides
- f. Wood scraps
- g. Fertilizers
- h. Petroleum based products

2. Good housekeeping practices

- a. Store only enough product required to do the job.
- b. Store all materials in a neat, orderly manner in their original labeled containers and covered.
- c. Do not mix different substances.
- d. When possible, use all of a product prior to disposal of the container.
- e. Manufacturers' instructions for disposal should be strictly adhered to.
- f. Designate someone to inspect all BMPs daily.

3. Waste management practices

- a. Collect and store all waste materials in securely lidded dumpsters in a location that does not drain to a waterbody.
- b. Salvage and/or recycle waste materials whenever possible.
- c. The dumpsters shall be emptied a minimum of twice per week, or more if necessary. The licensed trash hauler is responsible for cleaning out dumpsters.

Source:

Adapted from USEPA
Pub. 840-B-92-002

Symbol:

Detail No.

DE-ESC-3.6.1

Sheet 2 of 4

Effective July 2023

Standard Detail & Specifications

Construction Site Pollution Prevention

Notes (cont.)

- d. Dispose of all trash in accordance with all applicable Delaware laws.
- e. Littering is strictly prohibited. Trash cans should be placed at all lunch spots and recycle bins should be placed near the construction trailer.
- f. If fertilizer bags can not be stored in a weather-proof location, they should be kept on a pallet and covered with plastic sheeting which is overlapped and anchored.

4. Equipment maintenance practices

- a. If possible, equipment should be taken to off-site commercial facilities for washing and maintenance.
- b. If performed on-site, wash vehicles with high-pressure water spray without detergents in an area contained by an impervious berm.
- c. Use drip pans for all equipment maintenance.
- d. Inspect equipment for leaks on a daily basis.
- e. Direct washout from concrete trucks into a temporary pit for hardening and proper disposal.
- f. Equip fuel nozzles with automatic shut-off valves.
- g. Dispose of all used products such as oil, antifreeze, solvents and tires in accordance with manufacturers' recommendations and local, state and federal laws and regulations.

5. Spill prevention practices

- a. Identify potential spill areas and contain them in covered areas with no connection to the storm drain system.
- b. Post warning signs in hazardous material storage areas.
- c. Perform preventive maintenance on all tanks, valves, pumps, pipes and other equipment as necessary.
- d. Prioritize low or non-toxic substances for use.

Source:

Adapted from USEPA
Pub. 840-B-92-002

Symbol:

Detail No.

DE-ESC-3.6.1

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Standard Detail & Specifications

Construction Site Pollution Prevention

Notes (cont.)

- e. Prominently post contact information for reporting spills through the DNREC 24-Hour Toll Free Number.

6. Education

- a. Include Best Management Practices (BMPs) for construction site pollution control as part of regular progress meetings.
- b. Information regarding waste management, equipment maintenance and spill prevention should be prominently posted in the construction trailer.

CONTACT INFORMATION

DNREC 24-Hour Toll Free Number **800-662-8802**

DNREC Solid & Hazardous Waste Management Section **302-739-9403**

Source:

Adapted from USEPA
Pub. 840-B-92-002

Symbol:

Detail No.

DE-ESC-3.6.1

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