City of Wilmington Department of Public Works
Louis L. Redding City/County Building
800 French St. - 6th Floor
Wilmington, DE 19801

APPLICATION FOR STANDARD PLAN APPROVAL

RESIDENTIAL CONSTRUCTION ≥ 1.0 Acre Disturbed

Definitions

1. "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.
2. "Residential Construction" means single family residence and auxiliary structures such as detached garages, sheds, pole barns, accessory dwelling units, and other structures that create additional imperviousness.

Applicability Criteria

1. The proposed construction is for residential construction that does not create common lands, common open space, or a public street.
2. The total land disturbance will not exceed 5.0 acres on any individual lot within the proposed project.
3. One of the following will be met on any individual lot:
    a. Clearing of forest areas will not exceed 1.0 acre, or
    b. Equivalent forest area will be retained on the parcel for the portion of the forest clearing that exceeds 1.0 acre.

Site Information

Site Location (911 Address or road name with distance to nearest intersection):_____

_____

Tax Parcel ID:_____ Disturbed Acres (nearest 0.1ac):_____

Parcel Total Acres (nearest 0.1ac):_____ Proposed Impervious Area (square feet):_____

Forested area to be cleared:_____

Applicant Information

Owner:_____ Builder:_____

Mailing Address:_____ Mailing Address:_____

_____ _____

Owner Phone:_____ Builder Phone:_____

Owner Email:_____ Builder Email:_____

Approval Information (for office use only)

Approval #_____ **Fee Paid: $**_____

Approved by:_____ **Approval Date:**_____

Title:_____ **Expiration Date:**_____

Effective February 2019

Standard Conditions

1. Standard nutrient management plan recommendations will be followed for the project, during construction and throughout the life of the project.
    a. Application of lawn nutrients will be based upon the recommendations of a soil test.
    b. Nutrients will be applied only to turf areas, not impervious surfaces.
    c. Nutrients will not be applied directly before a runoff event.
2. Discharges from rooftops will be disconnected using a method approved by the Department or Delegated Agency. For example:
    a. Individual downspouts that discharge to lawn, landscape area, or preserved open space or forested area.
    b. Discharges from downspouts can be collected in rain barrels or cisterns for reuse.
3. Driveways, sidewalks, patios, and other impervious surfaces will be graded to sheet flow to lawn or other 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.

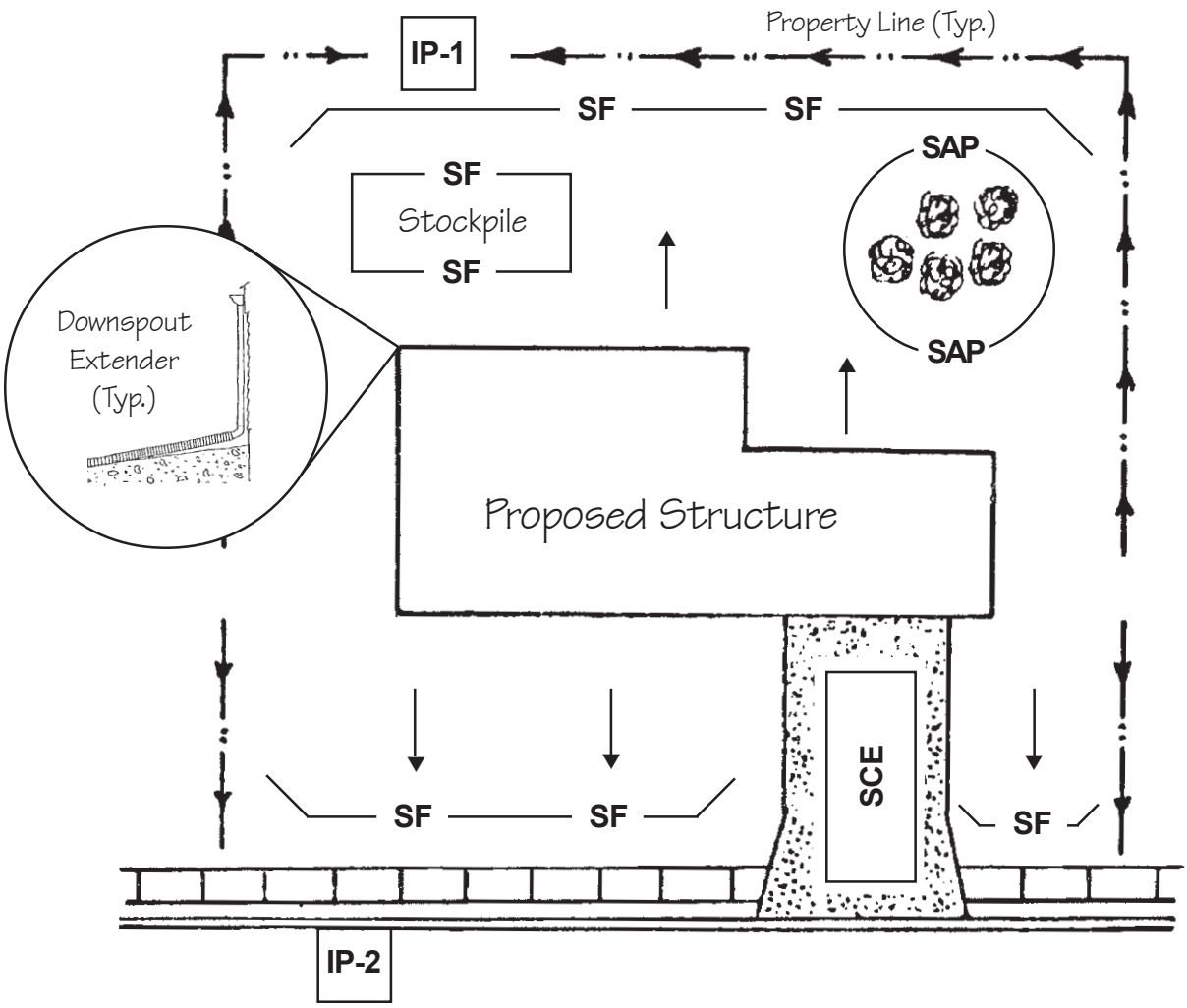
Applicant Signature:_____ Date:_____

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	→	Inlet protection - Type 1	IP-1
Silt Fence	—SF—		
Sensitive Area Protection	—SAP—		
Stabilized Construction Entrance	SCE	Inlet Protection - Type 2	IP-2

Source:	Symbol:	Detail No.
Adapted from IN DNR, "Erosion Control for the Home Builder"		**DE-ESC-3.7.1** Sheet 1 of 2 Effective July 2023

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:	Symbol:	Detail No.
Adapted from IN DNR, "Erosion Control for the Home Builder"		**DE-ESC-3.7.1** Sheet 2 of 2 Effective July 2023

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:	Symbol:	Detail No.
Delaware ESC Handbook		**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.

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.

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**