Catawba County
Department of Utilities and Engineering

EROSION AND SEDIMENTATION CONTROL PLAN CHECKLIST

The following items shall be incorporated with respect to specific site conditions, in an erosion and sedimentation control plan.

LOCATION INFORMATION

____ Project location
____ Roads, streets
____ North arrow
____ Scale
____ Adjoining lakes, streams or other major drainage ways

GENERAL SITE FEATURES

____ North arrow
____ Scale
____ Property line
____ Legend
____ Existing contours
____ Proposed contours
____ Limit and acreage of disturbed area
____ Planned and existing building locations and elevations
____ Lot and/or building numbers
____ Land use of surrounding area
____ Rock outcrops
____ Seeps or springs
____ Wetland limits
____ Easements
____ Streams, lakes, ponds, drainage ways, dams
____ Boundaries of the total tract
____ If the same person conducts the land disturbing activity and any related borrow or waste activity, the related borrow or waste activity shall constitute part of the land disturbing activity unless the borrow or waste activity is regulated under the Mining Act of 1971 or is a landfill regulated by the Division of Solid Waste Management. If the land disturbing activity and any related borrow or waste activity are not conducted by the same person, they shall be considered separate land disturbing activities
____ Stockpiled topsoil or subsoil locations
____ Street profiles

SITE DRAINAGE FEATURES

____ Existing and planned drainage patterns (include off-site areas that drain through the project)
____ Size of areas to be disturbed (acreage)
____ Size and location of culverts and sewers
____ Soils information (type, special characteristics)
____ Design calculations for peak discharges of runoff (including the construction phase and final runoff coefficients of the site)
____ Design calculations and construction details for culverts and storm sewers.
____ Design calculations, cross sections and method of stabilization of existing and planned channels (include temporary linings)
____ Design calculations and construction details of energy dissipaters below culvert and storm sewer outlets (for rip-rap) aprons include stone sizes (diameters and apron dimensions))
____ Soil information below culvert storm outlets
____ Design calculations and construction details to control groundwater, i.e. seeps, high water table, etc.
____ Names of receiving watercourse or name of municipal operator (only where stormwater discharges are to occur)

EROSION CONTROL MEASURES

____ Legend
____ Location of temporary and permanent measures
____ Construction drawings and details for temporary and permanent measures
____ Design calculations for sediment basins and other measures
____ Maintenance requirements during construction
____ Person responsible for maintenance during construction
____ Maintenance requirements and responsible person(s) of permanent measures

VEGETATIVE STABILIZATION

____ Areas and acreage to be vegetatively stabilized
____ Planned vegetation with details of plants, seed, mulch, and fertilizer
____ Specifications for permanent and temporary vegetation
____ Method of soil preparation

NOTE: Should include provision for ground cover on exposed slopes within 15 working days or 30 calendar days following completion of any phase of grading, permanent ground cover for all disturbed areas within 15 working days or 90 calendar days (whichever is shorter) following completion of construction or development)

OTHER REQUIREMENTS

____ Narrative describing construction sequence (as needed)
____ Narrative describing the nature and purpose of the construction activity
____ Completed Financial Responsibility/Ownership Form (to be signed by person financially responsible for project)
____ Bid specifications regarding erosion control
____ Construction sequence related to sedimentation and erosion control (include installation of critical measures prior to initiation of land disturbing activities and removal of measures after areas they serve have been permanently stabilized)