

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

- 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)

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

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
Designation on plans where the 7 and 14-day ground stabilization requirements of the NPDES permit apply.

NOTE:

Should include provision for ground cover on perimeter dikes, swales, ditches, slopes, High Water Quality (HWQ) Zones, and slopes greater than 3:1 within 7 days following completion of any phase of grading. Should also include provision for ground cover on Slopes 3:1 or flatter and all other areas with slopes flatter than 4:1 within 14 days following the completion of any phase of grading.

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

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)