

Avery County Planning Department
200 Montezuma Street, Newland NC 28657

Erosion Control Plan Checklist

DESIGN ENGINEER: _____ PHONE #: _____

PROJECT: _____

REVIEW DATE: _____

LOCATION INFORMATION

1. Project location
2. Roads, streets
3. North arrow
4. Scale
5. Property lines
6. Existing contours
7. Proposed contours
8. Limit and acreage of disturbed area
9. Planned existing buildings location and elevations
10. Planned and existing roads location and elevation
11. Lot and/or building numbers
12. Land use of surrounding areas
13. Rock outcrops
14. Seeps or springs
15. Wetland limits
16. Easements
17. Streams, lakes, ponds, drainage ways, dams
18. Stockpiled topsoil or subsoil location
19. Street profiles
20. Boundaries of the total tract

SITE DRAINAGE FEATURES

1. Existing and planned drainage patterns (include off-site areas that drain through project)
2. Size of area (acreage)
3. Size and location of culverts and sewers
4. Soils information (type, special characteristics)
5. Design calculation and construction details for culverts and storm sewers
6. Design calculations cross sections, and method of stabilization of existing and planned channels (include temporary linings)
7. Design calculations for peak discharges of runoff (including the construction phase and final runoff coefficients of the site)
8. Name of receiving watercourse or name of municipal operator (only where stormwater discharges are to occur)
9. Design calculations and construction details of energy dissipaters below culverts and storm sewer outlets (for riprap aprons, include stone sizes and apron dimensions)
10. Design calculations and construction details to control groundwater, i.e. seeps, high water table, etc.

EROSION CONTROL MEASURES

1. Legend
2. Location of temporary and permanent measures
3. Construction drawings and details for temporary and permanent measure
4. Design calculations for sediment basins and other measures
5. Maintenance requirements during construction
6. Person responsible for maintenance during construction
7. Maintenance requirements and responsible person(s) of permanent measures

VEGETATIVE STABILIZATION

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

NOTE: Should include provisions for ground cover on exposed slopes within 30 working days following completion of any phase of grading, permanent ground cover for all disturbed areas within 30 working days for 120 calendar days (whichever is shorter) following completion of construction or development.

WATERSHED PROTECTION

1. Project location
2. Watershed classification
3. Built upon area (include all existing and proposed buildings and other structures. For non-residential developments include location and size of all built-upon areas including parking and loading facilities)
4. Percent of project to be covered with impervious surface
5. Proposed number of dwelling units
6. Names of adjoining property owners; Legal description of areas stormwater control structure (deeded area shall include sufficient area to perform inspection, maintenance, repairs and reconstruction)
7. Impoundment design and calculations as per Standard Specifications
8. Maintenance Agreement Operation and Maintenance Manual
9. Performance bond or other financial security in the amount of 1.25 times the cost of stormwater control structure, required prior to environmental Grading Permit and Design Engineer Estimate.

OTHER INFORMATION

1. Completed Financial Responsibility/Ownership Form (to be signed by person financially responsible for project)
2. Construction sequence related to sedimentation and erosion control (include installation of critical measures prior to initiation of the land-disturbing activity and removal of measures after they serve have been permanently stabilized)
3. Is there flood plain associated with project? State on plan if there is or is not and give elevation and location on plans this project affected by the watershed protection ordinance? If so, supply a short letter describing the watershed protection method being used
4. Narrative describing the nature and purpose of the construction activity
5. NOTE: The project may require a preconstruction conference before an Environmental Grading Permit is issued.