

**Gaston County
Stormwater
Program**



**Gaston County
Gaston Natural Resources Department**

**Stormwater Control
Plan Checklist**

The following items should be incorporated with respect to specific site conditions in an Erosion and Sedimentation Control Plan:

PROJECT NAME: _____ DATE: _____

LOCATION INFORMATION

JURISDICTION:

Gaston County ___ City of Gastonia ___ Water Supply Watershed ___ Mt. Holly: ___

GENERAL SITE FEATURES

www.co.gaston.nc.us/NaturalResources

CONTACT:
Gaston Natural Resources
1303 Cherryville Hwy
Dallas, NC 28034
Telephone: 704-922-4181

Gaston County
Belmont
Bessemer City
Cherryville
Cramerton
Dallas
Dellview
Gastonia
High Shoals
Kings Mountain
Lowell
McAdenville
Mount Holly
Ranlo
Spencer Mountain
Stanley

Mission Statement
"To provide leadership and conservation assistance to the people of Gaston County to improve and sustain their soil, water, air, plant and wildlife resources."

Project location	Roads, Streets
North arrow	Scale
Adjoining lakes, streams or other major drainage ways	
North arrow	Scale
Property lines	Legend
Existing contours	Proposed contours
Limit and acreage of disturbed area	Planned and existing buildings location and elevations
Planned and existing roads location and elevations	Lot and/or building numbers
Land use of surrounding areas	Rock outcrops
Seeps or springs	Wetland limits
Easements	Streams, lakes, ponds, drainageways, dams
Boundaries of the total tract	
Existing and planned drainage patterns (include offsite areas that drain through project)	Size of areas to be disturbed (acreage)
Size and location of culverts and sewers and Storm Drains	Soils information (type, special characteristics)
Design calculations and construction for	Design calculations, cross-sections and

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	culverts and storm drains		method of stabilization of existing and planned channels (include temporary linings)
	Design calculations and construction details of energy dissipaters below culverts and storm drain outlets (for rip-rap aprons, include stone sizes (diameters) and apron dimensions)		Soil information below culvert and storm sewer outlets
	Design calculations and construction details to control groundwater, i.e. seeps, high water table, etc.		Name of receiving watercourse or name of municipal operator (only where storm wter discharges are to occur)

	Surety Bond Submitted - for total construction costs of the system and devices approved under the permit + 25%		Construction sequence related to sedimentation and erosion control (include installation of critical measures prior to initiation of the land-disturbing activity and permanent maintenance plans after construction is complete.
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	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

	Location and Topographic maps with the total drainage for onsite and offsite.		Information needed to define all ridges, existing streams, location of the 100 year floodplain and floodway, drainage ways, wetland areas, existing springs and elevations of any proposed discharge point
	Architectural and engineering drawings showing plan, profile and details of piping, drainage structures, swales, and channels both natural and manmade		Written project specifications of work materials
	Computations to support the design of piping, drainage structures, retention/diversion ponds and permanent erosion control measures. Any Miscellaneous measures needed to comply with the stormwater ordinance.		

	Legend		Location of temporary and permanent measures
	Construction drawings and details for temporary and permanent measures		Design calculations and construction details for stormwater basins and other measures
	Maintenance requirements during construction		Person responsible for maintenance during construction

	Electronic Copy of Designs (that is readable by GIS systems, geo-referenced to the NC State Plane 1983)		Two copies of the stormwater control plan prepared by a professional engineer or landscape architect licensed in the state of North Carolina.
	Maintenance Manual		As-built plans of all stormwater control and management plans - (showing the field location, size, depth, and planted vegetation of all measures and devices as installed.)
	Operations Manual		Surety Performance Bond for total construction costs of the system and devices approved under the permit plus 25%