



Soil Erosion and Sedimentation Control **Checklist for Plan Submittals**

The following information should be provided for all erosion control plan submittals.
Mark NA for any items that are not applicable.

General Information

- Name of Project
- Name, address, and phone number of owner
- Registered Engineer's/Landscaper's/Land Surveyor's Seal
- Registered Engineer's/Landscaper's/Land Surveyor's name, address, phone
- Permit Application & Financial Ownership/Responsibility Form
- Deed(s) & easement documentation for all property to have disturbance
- Parcel numbers
- Zoning of property
- Total acres of all property to have disturbance
- Disturbed acres
- Land-disturbing Permit fee
- Plan review fee

Plan Features

- Vicinity Map (1"=2,000', Subdivision phase for residential plans)
- North arrow and scale
- Legend
- Property lines & adjoining property owners
- Lot lines and lot/building numbers
- Project narrative describing the nature & purpose of activity
- Existing and Proposed Contours
- Limits of disturbance (include all proposed soil disturbance and clearing; include utilities)
- Proposed disturbed areas shown on NRCS Soils map and USGS Topography map
- Existing roads, buildings, utilities, etc.
- Proposed roads, buildings, utilities, etc.
- Phased erosion control plans
- Construction sequence (site overall)
- Construction sequence (stream crossing)
- Drainage areas map
- Retaining Wall: (include grading and drainage, profiles, , geogrid, location and wall number)
- Rock outcrops, seeps, springs
- Wetlands
- 100-year floodplain limits and elevations
- Easements
- Streams, lakes, ponds, drainage ways, etc.
- Riparian buffers
- Borrow/Waste Areas
- Parking/staging/material storage areas
- Soil stockpile locations¹

1. Soil stockpile locations are required to be 50' from storm drain inlets, sediment basins, site perimeter sediment controls and surface waters. Silt fence is required on low sides.

Erosion and Sediment Control Measures

- ___ Standard details for all measures
- ___ Construction entrance(s)
- ___ Silt fence (1/4 acre of drainage per 100 linear feet of silt fence, and not in concentrated flow)
- ___ Silt fence rock outlets
- ___ Temporary Diversion Ditches
- ___ Check Dams
- ___ Slope drains with inlet & outlet protection (primarily where slope drains enter basin)
- ___ Inlet Protection
- ___ Clean water conveyance(s) (where applicable)
- ___ Concrete Washouts²
- ___ Seed and sod specifications chart(s)
- ___ Skimmer basins (dimensions, volume, and surface area)
- ___ Size, type, and invert elevations for all storm sewer
- ___ Rock bench for skimmers
- ___ Ditch profiles with lining requirements & supporting calculations
- ___ Permanent liners in channels/ditch lines
- ___ Temporary liners in diversion ditches
- ___ Energy Dissipaters (sizes, dimensions, lining requirements & supporting calculations)
- ___ Label slopes greater than 3:1 and label required stabilization liner (e.g. SC150)
- ___ Temporary stream crossing details and sequence
- ___ Other proposed measures & necessary calculations

Other Requirements

- ___ Design calculations for culverts, storm sewers, and channels
- ___ Design calculations for sediment basins/traps
- ___ Fill in drainage easement (channel evaluation/design)
- ___ Stormwater plan (greater than 20,000 ft² disturbed), if applicable
- ___ Floodplain development permit, if applicable
- ___ Permit and flood study required (work in floodway), if applicable
- ___ Army Corp. of Engineers Section 404 Permit, if applicable
- ___ NCDEQ 401 Certification, if applicable
- ___ Chatham County/Pittsboro Planning
(Buffer authorizations, construction plan approval, etc.), if applicable
- ___ NCDOT permits and approvals, if applicable
- ___ NCG01 Ground Stabilization and Materials Handling Plan Sheet from NCDEQ webpage
(projects subject to NPDES)
- ___ NCG01 Inspection, Recordkeeping and Reporting Plan Sheet from NCDEQ webpage
(projects subject to NPDES)

NCDEQ's webpage with NCG01 updates:

<https://deq.nc.gov/NCG01>

Chatham County Erosion Control Standard Details:

<https://www.chathamcountync.gov/government/departments-programs-i-z/watershed-protection/erosion-control/standard-details>

Chatham County GIS:

<https://chathamncgis.maps.arcgis.com/apps/webappviewer/index.html?id=65367d5f69774726828390a90e5cde1c>

2. Concrete washouts are required to be 50' from storm drain inlets and surface waters.