

Erosion and Sedimentation Control Plan Review Checklist

Project: _____

Reviewer: _____ Date: _____

NPDES Construction Stormwater General Permit NCG01000

- _____ Designation of the 7 and 14 day ground stabilization requirement per Section II.E of the permit.
- _____ Basins with drainage area of 1 acre or more shown to dewater from the surface per Section II.G.4 of the permit.

Location Information

- _____ Name of project
- _____ Owner's name, address, and phone number
- _____ Vicinity map (1" = 2000')
- _____ Latitude and Longitude of site (in decimal degrees)
- _____ River Basin Identified
- _____ Jordan or Randleman Lake Buffer Requirements shown
- _____ Tax Map Numbers
- _____ Zoning of Property
- _____ Adjoining property owners labeled (tax map and deed reference numbers)
- _____ Copy of the most current deed
- _____ Total acres in the tract
- _____ Disturbed acreage (to the nearest 1/10 of an acre)
- _____ Soil types & soils overlay sheet

General Information

- _____ Designer's seal (engineer, surveyor, architect)
- _____ Designer's name, address, and phone number
- _____ Project Narrative and detailed Construction Sequence, including installation of critical measures prior to initiation of the land-disturbing activity & removal of temporary measures after areas they serve are permanently stabilized.
- _____ Guilford County General Plan Notes
- _____ Self-Inspection Guidelines
- _____ Clearing and Grubbing Plan
- _____ Off-site property encroachment requiring construction easement

Site Features

- _____ North Arrow
- _____ Scale
- _____ Property Lines clearly defined
- _____ Detailed Legend
- _____ Existing and Proposed contours shown and labeled
- _____ Limits of Disturbed Area visibly marked
- _____ Existing buildings, roads, utilities, etc.
- _____ Proposed buildings, roads, utilities, etc.
- _____ Lots and/or buildings numbered
- _____ Rock outcrops, seeps, or springs
- _____ Wetland areas limits identified (shaded, cross hatched, etc.)
- _____ 100- year Floodplain Limits and Elevations
- _____ Easements (drainage, utility, access, etc.)
- _____ Streams, Lakes, Ponds, Drainage channels, etc.
- _____ Name and Classification of Receiving Water Course (where applicable to Stormwater Discharges)
- _____ Borrow/Waste Areas (**Note: Onsite and offsite areas must be disclosed to the erosion control inspector**)

_____ Soil Stockpile Locations

Sediment and Erosion Control Measures

- _____ Legend or Labeled
- _____ Appropriate location of Temporary Measures
- _____ Location of Permanent Erosion Control Devices
- _____ Construction and Maintenance Details for all Devices
- _____ Construction Entrance
- _____ Permanent and Temporary Seeding Schedules (including fertilizer, lime, mulch, seedbed preparation, etc.)
- _____ Sediment Traps, Basins, etc. (Dimensions, Specifications, Baffles)
- _____ Size, Type, and Invert Elevations of Culverts and Storm Sewers
- _____ Design Calculations for Culverts, Storm Sewers, and Channels
- _____ Design Calculations for Sediment and Erosion Control Measures
- _____ Permanent and Temporary Liners for Channels and Ditches
- _____ Energy Dissipators (Dimensions and Specifications)
- _____ Cut and Fill Slopes 2:1 (**Slopes steeper than 2:1 must be mechanically stabilized**)
- _____ Temporary Stream Crossing address all phases of construction (**Note: must provide a separate detailed construction sequence for installation and removal of any crossing**)
- _____ Street Profiles where applicable

Other Requirements

- _____ Permit Application
- _____ Financial Responsibility Form (Signed and Notarized)
- _____ Grading Fee
- _____ Surety
- _____ Copy of Plan to the Soil and Water Conservation District
- _____ Watershed Section approval of the following plan submissions are required prior to the issuance of a Grading Permit by the Erosion Control Section:
 - Watershed Development Plan (low- and high-density projects)
 - Submit with Site Plan for commercial projects
 - Submit with Prelim Plat or Site CD for subdivisions
 - Buffer Authorization (when required)
 - Floodplain Development Permit (when required)
- _____ Contact Brent Gatlin, Watershed/Stormwater Engineer at kgatlin@guilfordcountync.gov for questions.
<https://www.guilfordcountync.gov/our-county/planning-development/watershed-protection-stormwater-management/watershed-protection/forms>
- _____ Fill in Drainage Easement (Channel Evaluation/ Design)
- _____ NPDES Stormwater Permit (1 or more acres disturbed)
- _____ Floodplain Development Permit (No work in Floodplain)
- _____ Permit and Flood Study Required (work in floodway)
- _____ Required Corp of Engineer Approval for 404 Permit (waters of the U.S.)
- _____ Required NC DWQ 401 Permit Approval

√	Approved or Provided	O	Not provided or not adequate
□	None Shown	G	City of Greensboro Review
N	Not Applicable or not required	R	Required

- Please address all items with an “O” beside of them as well as all comments on the redlined copy. Resubmit four (4) revised plans along with the redlined copy. If you have any questions or comments, please advise.
- Projects in Oak Ridge and Jamestown must conform to the applicable Tree Preservation Ordinance.
- Projects in Summerfield require protection of Primary and Secondary Conservation Areas, and site plan approval from the Town before the permit is issued.
- Coordinate with County Environmental Health Department to ensure erosion and sediment control devices do not compromise approved well and septic areas.

Comments:

REDLINED PLANS AND THIS SHEET MUST BE RETURNED WITH THE REVISED PLANS FOR FINAL REVIEW