



Annette Lucas, PE
Erosion and Sedimentation Control Workshop
Renewal of the Construction General Permit
May 4, 2018

Department of Environmental Quality



Quote for the NCG01 Renewal

“You can't just turn on creativity like a faucet.
You have to be in the right mood.

What mood is that?

Last-minute panic.”

- Bill Watterson, cartoonist



BIG PICTURE

NOT to change the technical requirements for
Construction Projects in NC!

Main goal: Better Organization!

Table of Contents of Permit

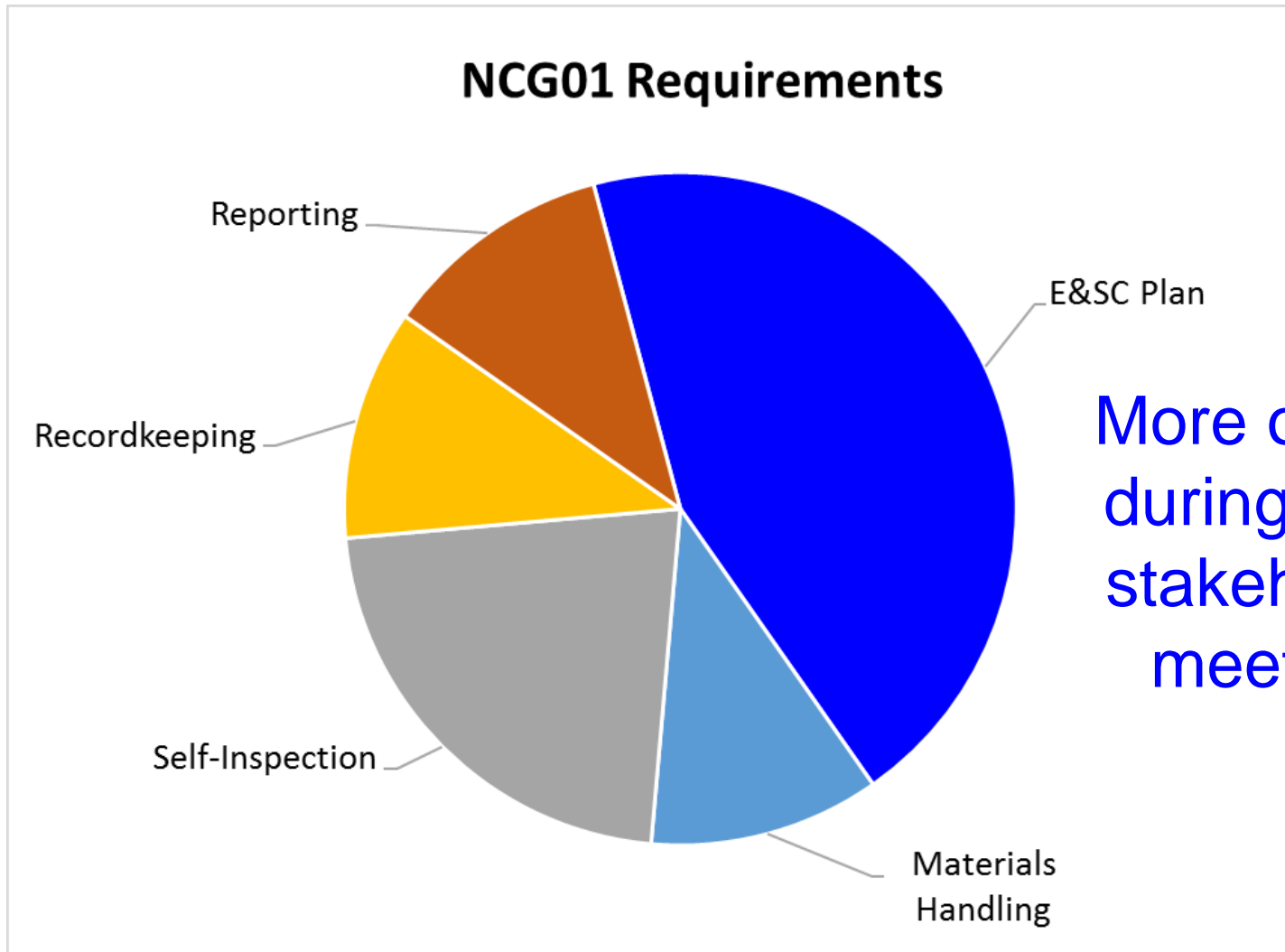
More Tables, Less Text

Coordination Between the E&SC Manual & the Permit

Planned Schedule

April 9 & 23, 2018	Stakeholder meetings on the permit
May 2, 2018	Draft permit to EPA
June 15, 2018	Draft permit published in the NC Register
Late June 2018	Stakeholder meeting on the application process and E&SC Manual updates
July 16, 2018	Last day for public comments
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NCG01 and the Manual . . .



Organization of the Draft Permit

PART I NCG01 PERMIT COVERAGE

PART II STORMWATER POLLUTION PREVENTION PLAN

- Section A: Stormwater Pollution Prevention Plan Components
- Section B: Bypasses
- Section C: Upsets

PART III SELF-INSPECTION, RECORDKEEPING AND REPORTING

- Section A: Self-Inspection and Recordkeeping
- Section B: Reporting

PART IV STANDARD CONDITIONS

- Section A: Compliance and Liability
- Section B: Permit Administration

PART V DEFINITIONS



PART I NCG01 PERMIT COVERAGE

This permit applies to:

Projects that disturb > 1 acre EVEN if they are exempt from the Sediment Pollution Control Act.

This permit does not apply to:

Projects that disturb < 1 acre but are subject to a local government's E&SC Program.



Updated Application Process

1. Develop an E&SC Plan.
2. Obtain approval of E&SC Plan from state or delegated local entity.
3. Submit an electronic Notice of Intent (NOI) with documentation of plan approval uploaded. DEMLR issues a Certificate of Coverage (COC) w/in 5 business days.
4. Commence construction activity after receipt of the COC.
5. Abide by the conditions of the NCG01 permit and the E&SC Plan.
6. After the construction is complete and site is permanently stabilized, contact the authority that approved the E&SC plan to close out.
7. Submit an electronic request to rescind coverage under the NCG01 permit with the close-out documentation uploaded.

What are we asking local programs to do regarding e-NOIs?

Upon approval of an Erosion and Sediment Control Plan, let the Financially Responsible person know that s/he needs to apply for an e-NOI.

Upon close-out of an Erosion and Sediment Control Plan, let the Financially Responsible person know that s/he need to go on line to have the Certificate of Coverage under the NCG01 permit rescinded.

Part II

PART II STORMWATER POLLUTION PREVENTION PLAN

Section A: Stormwater Pollution Prevention Plan Components

1. Erosion and Sediment Control Plan
2. Ground Stabilization
3. Materials Handling
4. Disturbed Area Limit for Special and Threatened Waters

Section B: Bypasses

1. A Bypass Without Notice
2. Any Other Bypass

Section C: Upsets

1. Unintentional and Temporary Noncompliance
2. Demonstration of an Upset



II-A-2. Ground Stabilization

Site Area (slopes are horizontal:vertical)	Maximum time for stabilization after last land disturbance
Within High Quality Water Zones (defined in 15A NCAC 04A. 0105), the entire site	7 calendar days
Outside of High Quality Water Zones:	
Perimeter dikes, swales, ditches and slopes	7 calendar days
Slopes 3:1 or steeper ¹	7 calendar days
Slopes 3:1 or flatter and less than or equal to 50' in length	14 calendar days
Slopes 3:1 or flatter and greater than 50' in length	7 calendar days
Slopes 4:1 or flatter	14 calendar days

¹ If the slope is 10 feet or less and is not steeper than 2:1, then slope stabilization shall be relaxed to 14 days.

E&SC Plans approved by local governments should comply with these standards.



II-A-3. Materials Handling

- Polyacrylamides (PAMS) and flocculants
- Fuels, lubricants, coolants, hydraulic fluids, and other petroleum products
- Herbicide, pesticide, and rodenticides
- Building material and land clearing waste
- Paint and other liquid building material waste
- Hazardous or toxic waste
- Concrete materials
- Earthen-material stock piles
- Litter and sanitary waste
- Equipment, vehicle, and other wash waters



II-A-4. Sensitive waters and threatened/endangered species

Disturbed areas w/in one mile of and draining to HWQs or waters where federally-listed threatened or endangered aquatic species are present shall be limited at any to a max of 20 acres disturbed area.

Per 15A NCAC 04B .0124 – Design Standards in Sensitive Watersheds, E&SC measures in HQWs should be designed for the 25-year storm.



PART III SELF-INSPECTION, RECORDKEEPING AND REPORTING

Section A: Self-Inspection and Recordkeeping

1. Self-Inspections
2. Recordkeeping
3. No Numeric Limits

Section B: Reporting

1. Occurrences that Must be Reported
2. Reporting Timeframes and Other Requirements



What has to be inspected?

Visual monitoring of the following:

- Rain gauge maintained in good working order
- E&SC Measures
- Stormwater discharge outfalls (SDOs)
- Perimeter of site
- Streams or wetlands onsite or offsite (where accessible)
- Ground stabilization measures

What has to be reported?

- Visible sediment deposition in a stream or wetland
- Oil spills if they:
 - Are > 25 gallons,
 - Are < 25 gallons but cannot be cleaned up w/in 24 hours,
 - Cause sheen on surface waters, or
 - Are within 100 feet of surface waters.
- Releases of hazardous substances in excess of reportable quantities under Section 311 of the Clean Water Act
- Anticipated bypasses
- Unanticipated bypasses
- Noncompliance



PART IV STANDARD CONDITIONS

Section A: Compliance and Liability

Section B: Permit Administration

PART V DEFINITIONS





Construction Stormwater

Renewal of the N.C. General Permit for Construction Activities

The N.C. Stormwater Program is renewing and updating the [Current NCG01 Permit](#) this spring and summer.

The technical requirements for construction activities in this [New Draft NCG01 Permit](#) have not changed from the current permit, except for minor updates to references and clarification of permit language known to cause confusion for North Carolina stakeholders. However, there are two significant changes to note:

- The technical requirements have undergone a major reorganization to increase clarity and understanding for our permittees and the public. Many of the permit requirements have been organized into tables as a preferred alternative to the lengthy paragraphs that characterize the current version of the permit.
- The permitting process for the NCG010000 has been updated and improved to require

Stormwater Program

[Contacts](#)

[Maps & GIS Resources](#)

[Fees](#)

[Stormwater Design Manual](#)

[Rules & Regulations](#)

[Forms](#)

Construction SW

[Post-construction Stormwater](#)

[NPDES Industrial Stormwater](#)

[NPDES MS4 Permitting](#)

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Thank You and Next Steps

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Questions?



Department of Environmental Quality

