



# Stormwater Permit Application

**This permit application must be completed, submitted with plans, and approved prior to ANY work being done.**

## SECTION A PROJECT SUMMARY INFORMATION

Development or Project Name					
Location					
County		Parcel Identification Number (PIN)			
Total Acres		Average Lot Size		Total Dwelling Units	
Built-upon Area (Acres)	Pre-development	Post-development	% Built Upon	Pre-development	Post-development
<input type="checkbox"/> Low Density (no more than two dwelling units per acre or 24-percent built-upon area) <input type="checkbox"/> High Density (exceeds the low density thresholds for dwelling units per acre or built-upon area)					

## SECTION B APPLICANT INFORMATION

CLIENT	Owner or Developer who is financially responsible for project		
Name(s)			
Address			
Email			
Phone		Fax	
CONSULTANT	Person to contact regarding questions or revisions to plan		
Contact Name(s)			
Firm			
Street Address			
City, State Zip			

City of Kings Mountain – Stormwater Division  
 P.O. Box 429 Kings Mountain, NC 28086  
 1013 N. Piedmont Ave., Kings Mountain, NC 28086  
 Phone 704-734-4501 Fax 704-734-4502  
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Email			
Phone		Fax	
Landowner(s) of Record	Attach pages as necessary to list additional owners		
Name(s)			
Street Address			
City, State Zip			
Email			
Phone		Fax	
Recorded in	Deed Book & Page		Plat Book & Page

The above information is true and correct to the best of my knowledge and belief and was provided by me while under oath.

(This form must be signed by the financially responsible person if an individual and by an officer, director, partner, attorney-in-fact, or other person with authority to execute instruments for the financially responsible party if not an individual.)

Type or print name:		Title or Authority	
Signature		Date	

I, _____, a Notary Public in the County of _____	
State of North Carolina, hereby certify that _____ personally appeared before me	
this day and under oath acknowledged that the above form was executed by him.	
Witness my hand and notarial seal, this the _____ day of _____ 2007	
Notary	
My commission expires _____ (Seal)	

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## SECTION C SUBMITTAL CHECKLIST AND PROCEDURE

The following checklist outlines submittal requirements. Initial in the space provided to indicate the following submittal requirements have been met and supporting documentation is attached.

### *General Requirements:*

#### **Applicant's initials**

- \_\_\_\_\_ 1. Sheets shall be no larger than 36" x 24" plan and profile paper.
- \_\_\_\_\_ 2. Minimum text size shall be 1/8"
- \_\_\_\_\_ 3. Scale on plan view shall be no smaller than 1" = 50'; scale on profile view shall be no smaller than 1" = 50' horizontally and 1" = 5' vertically using a grid showing 1' intervals.
- \_\_\_\_\_ 4. All drawings to be in North Carolina State Plane coordinate system. One additional Digital copy required.
- \_\_\_\_\_ 5. Cover sheet shall have a vicinity map at a scale no smaller than 1" = 200'.
- \_\_\_\_\_ 6. Provide a legend indicating existing and proposed lines, features and symbols.
- \_\_\_\_\_ 7. Cover sheet shall include all general notes, owner's name, telephone number, and mailing address.
- \_\_\_\_\_ 8. All elevations shall be given in relation to mean sea level; elevations in profile view shall be labeled in 10' intervals on the heavy lines (Ex. 350, 360).
- \_\_\_\_\_ 9. Benchmark elevations and locations shall be shown on plan view.
- \_\_\_\_\_ 10. Plan views shall have a north arrow on each drawing.

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- \_\_\_\_\_ 11. Each drawing shall have the following information in the title block:  
Street or project title, limits, horizontal and vertical scales, original date, revisions date, drawing number, checked by and drawn by. Recommended placement is lower right-hand corner.
- \_\_\_\_\_ 12. All drawings sealed, signed and dated by a NC Professional Engineer or Landscape Architect.
- \_\_\_\_\_ 13. A signed and sealed statement on the plans (if a high density project) certifying that the design of all stormwater management facilities and practices will control and treat the runoff from the from the first one inch of rain over the total drainage area, that the designs and plans are sufficient to comply with applicable standards and policies found in the NCDENR *Stormwater BMP Design Manual* and any City of Kings Mountain supplements to the BMP Design Manual, and that the designs and plans ensure compliance with the City's Phase II Stormwater Ordinance.
- \_\_\_\_\_ 14. Plan view shall show all actual street names (existing and proposed). State road numbers shall be shown if applicable. Plan view should also indicate whether street is asphalt, concrete, gravel or dirt. Proposed street & Right-of-way widths will be dimensioned back-to-back and labeled in plan view.
- \_\_\_\_\_ 15. Plan view shall show proposed and existing curb and gutter, pavement, storm sewers, drainage structures, driveway pipes, drainage features (ditches, swales, etc.), water mains, sanitary sewer mains, etc. Direction of flow shall be shown on plan view for all sanitary sewers and storm drains. Materials and pipe sizes shall be labeled.
- \_\_\_\_\_ 16. Existing utility lines shall be shown and labeled on plan view and indicated in the legend.
- \_\_\_\_\_ 17. Construction Drawings shall show final proposed locations and dimensions of all water, storm drain, and sanitary sewer lines, devices to be installed on the system, catch basins, culverts, BMPs, ditches, including grades, pipes sizes, elevations, assumptions, calculations, invert elevations for all inlets and manholes and profiles of sanitary sewer lines. All available elevations shall be shown on the profile view (Permitting).



# Stormwater Permit Application

- \_\_\_\_\_ 18. All existing and proposed water, storm drainage and sanitary sewer easements shall be shown on all applicable sheets.
- \_\_\_\_\_ 19. Number of dwelling units, lots, built-upon area (predevelopment and post-development).
- \_\_\_\_\_ 20. Existing and proposed topographic lines on tract and minimum 100-feet beyond property lines (minimum 2-foot intervals).
- \_\_\_\_\_ 21. City limits, county lines, and other jurisdiction lines, if any.
- \_\_\_\_\_ 22. Streams, ponds, wetlands, etc. on the project site and within 50 feet of the property lines.
- \_\_\_\_\_ 23. Location of floodplain and floodway (if applicable).
- \_\_\_\_\_ 24. Location of drainage ways and easements.

### ***Site Drainage Features:***

- \_\_\_\_\_ 25. Existing and planned drainage patterns (include off-site areas that drain through project).
- \_\_\_\_\_ 26. Any existing stormwater control systems.
- \_\_\_\_\_ 27. Sub-watershed delineation showing drainage areas (Permitting).
- \_\_\_\_\_ 28. Show extent and number of disturbed acres.
- \_\_\_\_\_ 29. Proposed impervious areas.
- \_\_\_\_\_ 30. Soil information: type, special characteristics.
- \_\_\_\_\_ 31. Name and classification of receiving watercourse.

### ***Permanent Stormwater Control Measures (High Density only):***

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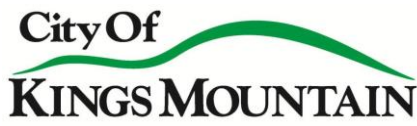


# Stormwater Permit Application

- \_\_\_\_\_ 32. Type of BMP (wet pond, rain-garden, etc.)
- \_\_\_\_\_ 33. Designer's certification.
- \_\_\_\_\_ 34. Narrative description of proposed stormwater system (where runoff originates (e.g. roofs, roads, parking lots etc.), its conveyance within the project, its treatment, and its conveyance from the project to the receiving water body).
- \_\_\_\_\_ 35. Profile along the centerline of the principal spillway/outfall pipe extending below the protected outfall or to the downstream structure (Permitting).
- \_\_\_\_\_ 36. Elevations of the "water quality" surface, temporary storage water surface, and the 10-year and 100- year storms (Permitting).
- \_\_\_\_\_ 37. Stage-storage table for each BMP (Permitting).
- \_\_\_\_\_ 38. If BMP is to be used to treat construction site runoff, provide steps necessary to restore BMP to original design condition (Permitting).
- \_\_\_\_\_ 39. All necessary construction specifications (Permitting).
- \_\_\_\_\_ 40. Sequence of construction (Permitting).
- \_\_\_\_\_ 41. Individual drainage areas for each stormwater BMP (Permitting).
- \_\_\_\_\_ 42. Construction drawings and details for permanent measures (Permitting).
- \_\_\_\_\_ 43. Size and location of culverts.
- \_\_\_\_\_ 44. Size and location of subsurface drainage conveyances.
- \_\_\_\_\_ 45. Disclosure of party ultimately responsible for operation and maintenance of the stormwater system.

### ***Stormwater Calculations:***

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- \_\_\_\_\_ 46. Narrative description of calculations (methods, variables, assumptions, etc.) and results (Permitting).
- \_\_\_\_\_ 47. Stormwater BMPs designed in accordance with North Carolina Department of the Environment and Natural Resources-Division of Water Quality's *Manual of Stormwater Best Management Practices*, and any supplements to the BMP Design Manual issued by the City of Kings Mountain (Permitting).
- \_\_\_\_\_ 48. Time of concentration for pre/post development conditions (Permitting).
- \_\_\_\_\_ 49. Pre-construction and post-construction runoff calculations for each outlet from the site (at peak discharge points) (Permitting).
- \_\_\_\_\_ 50. Pre-construction and post-construction design calculations and hydrographs (Permitting).
- \_\_\_\_\_ 51. Design calculations of culverts and storm sewers (Permitting).

Note:

Items denoted "Permitting" refer to items that generally don't need to be included in the Stormwater Management System Concept Plan submittal to the Technical Review Committee, but need to be included with the Permit Application / Construction Drawing submittal.

If items are not denoted "Permitting" they are generally expected to be addressed in both the Concept plan /TRC submittal and Permit Application / Construction Drawing submittal.



# Stormwater Permit Application

## Stormwater Permit Fee:

A stormwater permit fee of \$500.00 was established by City Council on Tuesday, January 27, 2015. This fee includes review of the initial Stormwater Management System Permit Application and associated construction drawings and stormwater calculations, and one resubmitted (revised) application and/or revised construction drawings and stormwater calculations.

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