

2023 Berkeley County Stormwater Design Standards Manual Draft Fact Sheet

The previous version (2009) of the Berkeley County Stormwater Design Standards Manual has been updated with the following major changes and additions:

- The Construction Application (previously known as the Construction Activity Application) process had the following changes:
 - Notice of Intent (NOI) forms have been replaced with the standard SCDHEC NOI forms (**Appendix A and Appendix B**)
 - Checklist has been replaced with the standard SCDHEC Checklist (**Appendix C**)
 - There are now three Application Types:
 - Minor Construction Activities (single-family residential construction and projects disturbing less than one-half (1/2) acre of land that are not part of an LCP)
 - Intermediate Construction Activities (projects disturbing equal to or more than one-half (1/2) acre to less than five acres of land, and not part of an LCP)
 - Large Construction Activities (projects disturbing five acres or more of land)
- Erosion Prevention and Sediment Control (EPSC) Certification Form for Minor Construction Activities and Automatic Coverage has been created for single-family residential construction and projects that disturb less than one-half (1/2) acre that are not part of an LCP (**Appendix D**).
- This Manual incorporates the Site Performance Standards (Section 4.2.5.2) in the current version of the State of South Carolina NPDES General Permit for Storm Water Discharges from Regulated Small Municipal Separate Storm Systems (SCR030000), which requires the management of the first inch of runoff. The Berkeley County Engineer now requires the management of the 85th percentile rainfall event (1.2 inches). This objective can be accomplished through the use of either one, combination, or equivalent combination of design strategies, control measures, practices or provisions, such as infiltration, evapotranspiration, rain harvesting, and stormwater reuse and recharge. More information can be found in **Section 3.8.1** in this manual.
- The design storm for permanent BMPs will be the 25-year, 24-hour storm (**Section 3.4.3**).
- A spreadsheet has been developed to help determine if stormwater systems have been designed in compliance with this manual. The Runoff Reduction Method will be used to determine if the 85th percentile storm, as well as the peak discharge rate reduction, have been managed successfully. Guidance for this spreadsheet can be found in **Appendix E**.
- Low Impact Development (LID) standards have been included. These can be used in conjunction with the new Berkeley County Stormwater Utility Fee Credit Manual.