

## Requirements for All SCMs

The following chapter from the NCDEQ Stormwater Design manual (Part C-0, last updated 1/3/2017) is accepted in the BMP Manual with the following exceptions:

<b>MDC</b>	<b>Description</b>
MDC 1: Sizing	See Chapter 3 of the Charlotte-Mecklenburg SCM Design Manual for applicable requirements.
MDC 3: Side Slopes	3:1 maximum slope requirement applies to both fill and cut side slopes in SCMs. Demonstration of appropriate safety factors against failure through Geotechnical analysis by a Licensed Professional Engineer shall be required for any embankment slopes steeper than 3:1.
MDC 5: Excess Flows	Reference Table 3-2 of Chapter 3 of the Charlotte-Mecklenburg SCM Design Manual for applicable requirements.
MDC 8: Maintenance Access	Unless stated otherwise, maintenance access must be at least 12 feet wide (including a 10 foot offset from the high water elevation, if applicable), maximum longitudinal slope of 15 percent, and maximum cross slope of 5 percent, and stabilized to support maintenance vehicles. Reference the Administrative Manual and Ordinance (or Regulations) of the applicable Jurisdiction for information regarding the required Maintenance Access.
MDC 9: Easements	Unless stated otherwise, a 20-foot maintenance easement that connects the SCM to the public right-of-way shall be provided. Reference the Administrative Manual and Ordinance (or Regulations) of the applicable Jurisdiction for information regarding the required Easement.
MDC 10: Single Family Residential Lots	Reference the Administrative Manual and Ordinance (or Regulations) of the applicable Jurisdiction for information regarding requirements for Single Family Residential Lots.
MDC 11: Operation and Maintenance Agreement	Reference the Administrative Manual and Ordinance (or Regulations) of the applicable Jurisdiction for information regarding the required Operation and Maintenance Agreement.
MDC 12: Operation and Maintenance Plan	Reference the Administrative Manual and Ordinance (or Regulations) of the applicable Jurisdiction and applicable Annual Inspection Reports for information regarding the required Operation and Maintenance Plan.
MDC 13: SCM Specific Minimum Design Criteria	See the individual SCM design chapters and the table of exceptions for each SCM type for local design requirements.
MDC 14: SCM Designer Qualifications for the Fast-Track Permitting Process	Fast-track permitting not available in Charlotte-Mecklenburg.

Additional Requirements:

- In no case should a structure be located within the impoundment area of the storm water facility
- No utilities (sewer lines, power lines, water lines, etc.) shall be located within or under the storm water facility