

This document summarizes key changes to the second proposed Stormwater Management Guidebook (second proposed SWMG), including those that DDOE made based on public comments received during the informal comment period on the revised SWMG.

Chapter 2.

- Added Maps of the Anacostia Waterfront Development Zone and the Combined Sewer System.
- Added the URL for a locator tool on the District Flood Zones
- Noted if an applicant is following the Maximum Extent Practicable (MEP) and minimum performance requirements are not achieved for areas with vehicular access then MEP narrative must discuss the placement and sizing opportunities, and restrictions, of retention practice.
- Waived the 2-yr post development peak discharge requirements for major regulated projects when the discharge from the site is directly to the tidal Potomac or Anacostia Rivers, the Washington Channel, or the Chesapeake and Ohio Canal, with several caveats.
- Corrected several inconsistencies between the Rule and the Guidebook about minimum performance standards, and triggering events, for major substantial improvement activities.
- Added WQTV requirements to table on sizing criteria in Chapter 2.

Chapter 3.

- Changed the minimum ponding requirement for bioretention to 3 inches from previously stated as a percentage of the total volume storage volume.
- Added a maximum filter media depth for bioretention based on the drainage area characteristics and bioretention surface area to ensure that the entire filter media is utilized during a 1.2" storm event.
- Changed element of the design equation for green roof storage volume from a porosity term to a maximum water retention term that requires laboratory verification.
- Revised rootable soil volume requirements.
- Revised utility protection recommendations throughout.
- Minor changes throughout to clarify or refine each BMP specification.

Chapter 4.

- Revised tables to be more inclusive of the range of design possibilities.
- Restated the non-binding nature of the tables to more clearly identify the chapter's intent as recommendations rather than requirements.
- Revised utility protection recommendations.

Chapter 5.

- Changed DDOT final submission requirements.
- Updated fee and submission notes to be consistent with language in the Rule.
- Update maintenance and inspection language to be consistent with chapter 3 and definitions.
- Update exemptions language to be consistent with language in the Rule.

- Removed sections on penalties and appeals as these were out of date.

Chapter 6 & 7; Appendices C & D; SRC calculator.

- Made clarifying changes and other changes consistent with changes made to the second proposed rule's provisions for use of off-site retention and SRC trading.

Appendix A.

- Revised to account for changes to the compliance calculator and for consistency with the Guidebook.

Appendix B.

- Revised utility protection recommendations.
- Incorporated DDOT Engineering Design Manual references throughout.
- Added the requirement to prioritize the treatment of roadway runoff.
- Incorporated the notion of a Type 1 and Type 2 MEP project.
- Incorporated application directions for each MEP type.

Appendix E.

- Updated to make consistent with the TSS rule
- Updated to include new allowable considerations for relief based on the revisions to the Rule

Appendix F.

- Updated to make consistent with, and include agency references, District Consumer Regulatory Affairs (DCRA) and District of Columbia Water and Sewer Authority (DC Water).

Appendix H.

- Restricted the use of the Rational Method to evaluate detention obligations to projects under 5 acres.

Appendix J.

- Removed this appendix in its entirety. DDOE will issue a separate guidance document and outreach brochure, as well as, maintain a website on the Green Area Ratio (GAR) when the GAR is finalized.

Appendix P.

- Updated acceptable testing methods and required depths.

Appendix Q.

- Revised language to be consistent with definitions of Stormwater Pollution Prevention Plans (SWPPP).

Appendix R.

- Revised language for clarity on the conditions under which each type of SWPPP is required.

Appendix S.

- Added guidance on the Integrated Pest Management (IPM) Plan required for an AWDZ site.

Appendix T.

- Updated information on New Jersey Department of Environmental Protection Process for Approval of Use for Manufactured Treatment Devices, and added section on nutrient reduction performance.

Compliance Calculator Spreadsheet

- Removed TSS concentrations for runoff from various land uses and specific percentages for TSS treatment. Added, accepted TSS removal practices are given full credit toward meeting the 80% TSS removal requirement.
- Added the requirement that 50 % of the SWRv for all vehicular areas be retained or treated. This is accomplished by a check for sufficiency between the ratio of vehicular access contributing drainage area and receiving BMP design volume.

Website Forms

- Changed references and titles on the DDOE Stormwater Management Guidebook website to a “Rainwater Harvesting Design Spreadsheet” to the “Cistern Design Spreadsheet (CDS)” to be consistent with name used within the guidance manual.
- Removed MEP Worksheets. The worksheets have been incorporated into a Stormwater Report described within Appendix B. The Stormwater Report will include a narrative, spreadsheet tables and plan view illustrations, in a four part review process that follows DDOT’s design process. The category of MEP projects that are connected with parcel based projects restoring adjacent public right of way (PROW) will follow the format of a memo with supporting evidence discussed in Appendix E on “relief for extraordinarily difficult site conditions.