

DNREC Sediment & Stormwater Listserve Update: June 2019

This month's topics:

1. **Remaining Blue Card Course Dates for 2019**
2. **CCR Recertification**
3. **2019 Regulations Highlight – Stormwater BMP Landscaping Criteria**
4. **DURMM v2.5: UPDATE**
5. **Link Of The Month: New Rpv Compliance Summary Table**

1. **Blue Card Course Dates for 2019**

The Contractor's Certification Course, also known as the "Blue Card Course", is a ½-day course that gives an overview of the Sediment and Stormwater Program, its regulations, and required erosion and sediment control measures in the State of Delaware. Under the Delaware Sediment & Stormwater Regulations, at least one person in responsible charge of a construction site must have successfully completed the Contractor's Certification Course. The remaining Blue Card Course dates for 2019 are **September 5** and **December 12**. September 5 registration is currently available. Additional information can be found on the Sediment & Stormwater Program website at the following link:

<http://www.dnrec.delaware.gov/swc/Drainage/Pages/BlueCard.aspx>

2. **CCR Recertification**

CCR Recertification is for those CCRs whose certification has expired or will expire in the current year and would like to continue their certification. This one-day course highlights any changes in the Sediment and Stormwater Program and Regulations, along with newer approaches to stormwater management. The CCR Recertification course is a one-day class held in the fall of the year. The 2019 CCR Recertification course will be held on **Thursday, October 17, 2019**. Eligible individuals will be notified by DNREC's Division of Watershed Stewardship with a registration packet in the late summer. Eligible individuals must register for the course. CCR certification for individuals whose certification expires in early 2019 will be extended until the date of the recertification course offering.

If your address has changed please email joanne.gedney@delaware.gov so information can be updated.

3. **2019 Regulations Highlight – Stormwater BMP Landscaping Criteria**

The 2019 Regulations include in Section 11 specific landscaping requirements for each of the stormwater BMPs that include a vegetative component. For example, subsection 11.2.7 covers Bioretention Landscaping Criteria, including minimum elements of the planting plan and the requirement for the planting plan to be certified by a qualified professional. In addition to bioretention, other BMPs containing landscaping requirements to be addressed on the Sediment and Stormwater Plan include vegetated roofs, vegetated channels, sheet flow, detention practices, constructed wetlands, wet ponds, and afforestation. Designers should consult each specific BMP specification for minimum requirements of the planting plan as well as the required qualifications of the individual preparing the planting plan as it varies based upon the BMP type. Appendix A-2 Stormwater BMP Landscaping Guidelines in the [Post Construction Stormwater](#)

[BMP Standards and Specifications](#) provides guidance and includes lists of both herbaceous plants and trees and shrubs that are suited for use in stormwater BMPs in Delaware.

4. DURMM v2.5: UPDATE

The Delaware Urban Runoff Management Model (DURMM) has been updated to v2.51.190603. Most of the changes have been made to be consistent with release of the new RPv Compliance Summary Table as referenced in Item #5 below. However, the one significant revision is the use of new TN, TP and TSS Event Mean Concentrations (EMCs) on the TMDL Sheet. The original EMCs were deemed to be invalid in light of the latest data used for calibrating the Chesapeake Bay Program Phase 6 Model, which is now the official version for developing the Phase III Watershed Implementation Plans (WIPs) for the Bay states. The data also did not find any significant differences in the loadings between urban land uses, thus the only field the user needs to enter on the TMDL Sheet is the watershed. The revisions to the EMCs were considered significant enough to warrant the upgrade to v2.51.

DURMM v2.51.190603 is available for download from the [Sediment & Stormwater Program](#) Web site under the “Engineering Resources” header. Hovering over the download link will show the version number for verification purposes.

5. Link of the Month: New RPv Compliance Summary Table

The Sediment & Stormwater Program has developed a new RPv Compliance Summary Table to address feedback received from Delegated Agencies, as well as the regulated community, for the need to have a standardized method for showing RPv compliance whether using DURMM v2.5 or an approved alternative hydrologic model. The new Summary Table has been separated from DURMM v2.5 as a stand-alone spreadsheet that is intended to be included in the narrative portion of the Stormwater Management Report rather than as part of the computations. If DURMM v2.5 alone was used to show compliance, the user only needs to complete Sheet 1. If HydroCAD or other approved hydrologic software package was used for any portion of the watershed model to show compliance, Sheet 2 must also be completed to calculate final pollutant loads. Additional information on how to complete the Summary Table is included in the User Guide on Sheet 3. Designers are encouraged to adopt the new Summary Table as soon as possible to facilitate plan review and approval. The RPv Compliance Summary Table can be downloaded from the following link using the “save” option:

http://www.dnrec.delaware.gov/swc/Drainage/Documents/Sediment%20and%20Stormwater%20Program/2019%20February/DURMM_v2.5%20Summary%20Table_Rel-1.xlsx