

## DNREC Sediment & Stormwater Listserve Update: July 2013

### This month's topics:

1. **2013 Blue Card Class Dates**
2. **2013 CCR Recertification Course: October 23, 2013**
3. **DURMM v2 Update**
4. **Revisions to the Delaware Sediment & Stormwater Regulations: UPDATE**
5. **Link of the Month: Cost Effective Stormwater Management in the James River WS**

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#### 1. 2013 Blue Card Class Dates

The DNREC Contractor's Certification Course remaining dates for 2013 are **September 11<sup>th</sup>** and **December 11<sup>th</sup>**. The Contractor's Certification Course, also known as the "Blue Card Course", is a 1/2-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. **Registration forms are available on the Sediment & Stormwater Program Web site under the "Certification Information" header:**

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

#### 2. 2013 CCR Recertification Course: October 23, 2013

The 2013 Certified Construction Reviewer (CCR) Recertification Course will be held on **October 23, 2013**. Eligible individuals will be notified by the Department with additional registration information in the coming months.

#### 3. DURMM v2 Update

The Delaware Urban Runoff Management Model (DURMM) version 2 has been updated to fix a bug that affected the runoff reduction calculations for practices that rely on surface recharge, such as rooftop disconnection, filter strips, bioswales, etc. The bug did not affect the calculations for storage-type practices such as bioretention, infiltration basins, cisterns, etc. The updated version is identified as **v2.00.130605** and can be downloaded from the following link:

[http://www.dnrec.delaware.gov/swc/Drainage/Documents/Sediment%20and%20Stormwater%20Program/Technical%20Document/Tech%20Doc%20March%202013/3.04.4%20DURMM\\_v2.00.130605.xls](http://www.dnrec.delaware.gov/swc/Drainage/Documents/Sediment%20and%20Stormwater%20Program/Technical%20Document/Tech%20Doc%20March%202013/3.04.4%20DURMM_v2.00.130605.xls)

This bug was found by a user and we encourage other users to contact the Sediment & Stormwater Program if they find other errors when using the DURMM v2 spreadsheet.

#### 4. Revisions to the Delaware Sediment & Stormwater Regulations: UPDATE

The Department is in the planning stages for training the design community on issues related to the updated Delaware Sediment & Stormwater Regulations. It is anticipated that there will initially be three (3) one-day training sessions, one- in each county, covering the new regulations themselves, as well as the new technical standards and use of the DURMM v.2 spreadsheet

compliance tool. The training sessions are tentatively scheduled for the last quarter of 2013. Once the dates have been established they will be announced in this listserve and registration information will be posted on the Sediment and Stormwater Program website.

#### **5. Link of the Month: Cost Effective Stormwater Management in the James River WS**

The Center for Watershed Protection (CWP) has just completed a study designed to evaluate the cost effectiveness of various stormwater management practices. The report is intended to provide guidance to local jurisdictions and other decision-makers in Virginia's James River Watershed. Some of the results were surprising, as many of the traditional on-site practices were considered to be among the least cost effective for managing total nitrogen (TN), total phosphorus (TP) and total suspended solids (TSS). Conversely, some of the practices that have been considered costly, such as stream restoration, appear to be among the most-cost effective. Additional information is available at the CWP web site:

<http://www.cwp.org/cost-effective-stormwater-management-in-the-james-river-watershed>

The full report itself can be downloaded directly from the following link:

<http://www.jrava.org/what-we-do/JRA-Cost-effective-Full-Report-June-update.pdf>