DNREC Sediment & Stormwater Listserve Update: December 2016

This month's topics:

1. **Blue Card Course Dates for 2017**
2. **2017 Certified Construction Reviewer Course: March 9, 16 & 23, 2017**
3. **Regulatory Advisory Committee**
4. **Alternative Methodology for RPv Compliance**
5. **Link of the Month: Urban Tree Canopy Resources**

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1. **Blue Card Course Dates for 2017**

   DNREC Contractor's Certification Course dates for 2017 have now been scheduled. The dates are **February 8th, May 31st, September 6th** and **December 13th, 2017**. 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. **Registration forms will be available in mid-December for the February 8, 2017 course on the Sediment & Stormwater Program website at the following link:**

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

2. **2017 Certified Construction Reviewer Course: March 9, 16 & 23, 2017**

   Dates have been set for the 2017 full Certified Construction Reviewer (CCR) course. The full CCR course consists of 2 days of classroom instruction and a 1/2 day field trip. The dates for the next full CCR course are **March 9**, **March 16** (field trip) and **March 23**. The CCR course cost is $225 per person. Registration is required prior to the course. Those interested in attending must register using the information found at the following link:

   http://www.dnrec.delaware.gov/swc/Drainage/Pages/CCR.aspx

3. **Regulatory Advisory Committee**

   The Regulatory Advisory Committee (RAC) and Technical Subcommittee continue to meet to make recommendations for changes to the Sediment and Stormwater Regulations. Upcoming meetings are scheduled as follows:

   - December 14, 2016 – Technical Subcommittee
   - January 11, 2017 – Technical Subcommittee

   The next full RAC meeting is anticipated to be held in February 2017. Details including times and locations for these meeting can be found at the following website:
   http://www.dnrec.delaware.gov/swc/Drainage/Pages/2016-Regulations-with-Tech-Doc.aspx

4. Alternative Methodology for RPv Compliance

Legislative actions taken during the 148th General Assembly Session provided alternative methods to comply with the Resource Protection Event (RPv) requirements under the Delaware Sediment & Stormwater Regulations. The Department, working with concurrence from the Regulatory Advisory Committee (RAC), has developed guidance policy and procedures for implementing the alternative methodology pending formal adoption of revised regulations. Technical Document Article 3.04.2 Runoff Reduction Guide has been updated to include background information and a flow chart for the alternative methodology using an adjusted Ia/S value in HydroCAD or HEC-HMS:

http://www.dnrec.delaware.gov/swc/Drainage/Documents/Sediment%20and%20Stormwater%20Program/Functional%20Equivalents/Tech%20Doc%20Articles/3.04.2%20Runoff%20Reduction%20Guide%202016-12-05.pdf

In addition, a new Appendix 3.06.2.A-7 has been added to the Post Construction Stormwater BMP Standards & Specifications outlining the procedure for modeling surface recharge practices based on the alternative methodology using the *Link Node* option in HydroCAD or *Divert* option in HEC-HMS:

http://www.dnrec.delaware.gov/swc/Drainage/Documents/Sediment%20and%20Stormwater%20Program/Functional%20Equivalents/3.06.2.A-7%20Appendix%207-Alternative%20Methods%20for%20RPv%20Compliance%20FEQ%20Oct%202016.pdf

Typical application of this alternative methodology would involve performing an overall DURMM v.2 analysis of the project to determine the required runoff reduction for the RPv up to a maximum 1" of runoff. The designer would then use HydroCAD or HEC-HMS to model the individual subareas and BMPs within the project to show overall compliance.

5. Link of the Month: Urban Tree Canopy Resources

The Chesapeake Bay Program Water Quality Goal Implementation Team (WQGIT) recently granted final approval to the recommendations from an expert panel that examined the water quality and runoff reduction benefits of planting trees in the urban environment. Although tree plantings have been encouraged and has been a popular community-based Best Management Practice (BMP) for many years, local jurisdictions have not been able to take credit for such activities in their Watershed Implementation Plans (WIPs). The approved report outlines the pollutant reduction credits to be assigned to expanding urban tree canopy and the protocols needed to get those credits. The Chesapeake Stormwater Network conducted a Webcast on the topic recently. An archive of the Webcast, along with a link to the final expert panel report and accompanying fact sheet can all be downloaded from the Chesapeake Stormwater Network web site:

http://chesapeakestormwater.net/events/webcast-urban-tree-canopy/