

DNREC Sediment & Stormwater Listserve Update: October 2019

This month's topics:

1. **Remaining Contractor's Certification Course Date for 2019**
2. **CCR Recertification**
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1. **Remaining Contractor Certification Course Date 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 date for 2019 is **December 12**. Registration is currently open with seats 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. Eligible individuals have been notified by DNREC's Division of Watershed Stewardship to register for the course. CCR certification for individuals whose certification expires in early 2019 have been extended to the date of the recertification course offering.

The 2019 CCR Recertification course to be held on Thursday, October 17, 2019 is full. If your certification will expire in 2019 and you need to recertify but are not registered for the October 17, 2019 course, please contact joanne.gedney@delaware.gov to be included on the registration waiting list. With enough individuals on a waiting list by October 3, 2019, another CCR Recertification date will be scheduled.

3. **Deadline for Pre-2014 Approved Plans**

Subsection 1.3.2.1 of the Delaware Sediment and Stormwater Regulations requires that any plan approved to comply with Sediment and Stormwater Regulations in effect prior to the 2014 regulations must commence construction no later than December 31, 2019. Where construction has not commenced by December 31, 2019, the plan will expire as of that date. Commencement of construction means that the construction of the approved Plan is visible with the construction of a structure or infrastructure, including but not limited to roads, water and sewer lines, and

stormwater management systems. General earth moving is not considered commencement of construction.

Questions regarding the validity of a plan approved in accordance with regulations in effect prior to 2014 should be directed to the approval agency.

4. Webinar Training Survey

DNREC Sediment and Stormwater Program is in the planning stages of developing a series of webinars to provide an overview of all aspects of the 2019 Sediment and Stormwater Regulations. These webinars will not replace current Contractor's Certification or Certified Construction Reviewer Courses. To better serve the regulated community we have developed a quick one-minute survey to understand the preferred webinar options for our audience. Please take one minute to complete the survey at the following link:

<https://www.surveymonkey.com/r/7H8Z8VP>

5. 2019 Regulations Highlight: Soil Investigation Procedures Regulatory Guidance Documents

To increase consistency within Soil Investigation Report submittals, DNREC Sediment and Stormwater Program in consultation with the Delegated Agencies has developed a regulatory guidance document in the form of a [Soil Investigation Report Submittal Checklist](#). The checklist should be used to ensure that all required items of Section 12.1 of the Delaware Sediment and Stormwater Regulations have been completed, and the checklist should be submitted to the appropriate plan approval agency with the Soil Investigation Report.

In addition to developing the checklist, clarifying edits to the non-regulatory (non-bold) text of [BMP Standards and Specifications: Appendix 1 Soil Investigation Procedures for Stormwater Best Management Practices](#) have been made. Both regulatory guidance documents have been public noticed in the [October 2019 Register of Regulations](#) in the [General Notices](#) section.

5. Link of the Month: FEMA Risk MAP Visualization Application

The U.S. Federal Emergency Management Agency (FEMA) offers a long list of tools and datasets to help U.S. residents understand their specific property's risk of experiencing severe flooding. However, terms like 100-year flood and storm surge do little to help users visualize the real-world effects of flooding on homes, vehicles, and other possessions.

When Hurricane Florence tore across the Carolina coast last September, The Weather Channel released a video that used three-dimensional graphics to illustrate the potential intensity of storm-surge flooding for its viewers. The video, which depicts floating cars, submerged street signs, and widespread debris on an otherwise quiet suburban block, has been viewed nearly 2.5 million times.

One of those viewers worked for FEMA Region VII, which serves Iowa, Kansas, Missouri, and Nebraska. The agency consulted the Visualization Technology (VT) group of Stantec. This team includes filmmakers, animators, modelers, and graphical engineers, who previously developed visual tools to conceptualize new roads, bridges, and parks before their construction. The Stantec VT Group was able to develop a prototype flood visualization application using gaming

technology. Additional information, including an example video, is available at the Stantec website:

<https://ideas.stantec.com/emergency-preparedness-response-recovery/with-video-how-can-technology-from-video-games-bring-flood-risks-to-life>