

News from the DNREC Sediment and Stormwater Program:
DNREC Sediment & Stormwater Listserve Update: October 2007

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1. StormTech Update

The Department has received several requests recently for clarification on its acceptance of the StormTech Isolator row for meeting regulatory requirements for stormwater quality management. The original request from the manufacturer of the StormTech units requested approval for the use of their Isolator Row technology assuming the proper number of units were used in accordance with their recommendations. These recommendations used either a volume-based design or a flow-based design to accommodate Delaware's water quality storm event up to a maximum of 1 inch of runoff. In addition, they agreed to review all designs and issue documentation that the design was in accordance with those recommendations. Since the volume-based approach does not take into account any discharge during inflow, designers soon found that the flow-based approach resulted in a more economical design. Therefore, virtually all designs are flow-based at this point. It is important that the designer use the correct flow rate to size the Isolator Row, as there are different rates for the standard units and the high capacity units. However, in either case, the Delegated Agency should still request documentation that the design has been reviewed by the manufacturer and that it meets their recommendations for hydraulic design. Questions regarding this matter should be directed to the DNREC Sediment & Stormwater Program at 302-739-9921.

2. Upcoming Contractor's Certification Course (Blue Card)

The Contractor's Training course gives an overview of the Sediment and Stormwater Program, its regulations, and required erosion and sediment control measures in the State of Delaware. The next course will be held December 5, 2007. Please contact Joanne Gedney by e-mail at Joanne.Gedney@state.de.us or by phone at 302-739-9921 for registration information. The course fee is \$60, which includes continental breakfast and a course book.

3. Request for Qualifications

The Kent Conservation District is seeking a qualified consultant to provide professional services to conduct a Level of Service Analysis for Surface Water Management Program Needs in Kent County, Delaware. Interested firms shall have experience in developing financial analyses, planning and determining level of service requirements at the county and local levels including but not limited to the following: stormwater, drainage, capital improvement projects, and regulatory programs. All submittals must be received by the District no later than 4:30 p.m. on November 9, 2007. For more information, please contact Jared Adkins at (302) 741-2600 x3.

4. Delaware Sediment and Stormwater Regulation Revision Process Has Begun

The Delaware Sediment and Stormwater Program has contracted with The Center for Watershed Protection to work together in revamping the Delaware Sediment and Stormwater regulations. The kick-off meeting for the Regulatory Advisory Committee meeting will be held on October 16th, 2007. This committee, made up of representatives from local government, local officials, and other stakeholders, was formed to help guide this process. Stay tuned for any updates within our monthly listserve.

5. Local Watershed Organization Recognized for National Low Impact Development Award

The Appoquinimink River Association recently received the Educational Programs Award for the Leadership in Low Impact Development Recognition Program, awarded by the Region 3 Environmental Protection Agency and the Low Impact Development Center, in recognition for their recent stormwater retrofit project at the Jean Birch MOT (Middletown/Odessa/Townsend) Senior Center. The project not only included the retrofit from a dry pond to a bioretention facility, but it also included various native plantings along with a strong educational component with signage and brochures. If you would like to learn more about this facility, please contact Sara Wozniak, Executive Director of the Appoquinimink Watershed Association, at 302-382-0335 or by email at sara@apporiver.org. It's a must see!

6. Link of the Month: NRCS Web Soil Survey

Still using your dog-eared copy of the USDA/SCS soil survey for your county? This could create problems if you are using it for stormwater management purposes. As noted in our April 2007 Listserve, The Natural Resource Conservation Service (NRCS) has resurveyed all the soils within the State of Delaware and released official updated mapping for both Kent and Sussex counties. Official release of the updated mapping for New Castle County is going through the final QA/QC process and should be released shortly. As reported earlier, this updated mapping will only be available as a digital product.

However, NRCS also has a useful Web-based tool to replace the hard copy surveys of the past. The user can now use the Web Soil Survey to delineate an area and retrieve soils data as well as reports based on various soil properties for the area in question. While this delineation is not accurate enough for final design purposes, it is nonetheless helpful for preliminary assessments and other planning level purposes. The Department is working the Delaware State NRCS staff to develop a custom report that would automate the process of generating a report specifically geared to stormwater management. Look for updates on this in the near future. In the meantime, the Web Soil Survey can be accessed at:

<http://websoilsurvey.nrcs.usda.gov/app/WebSoilSurvey.aspx>