

## **Manufactured BMPs Maintenance ASCE Task Subcommittee Meeting on**

December 10, 2007

Hosted by Dept. of Biological & Agricultural Engineering, NC State University

### Agenda:

Introduction/Welcome – Hunt

Select Secretary

Opening Round – Comments in General – Select PPT presentations

Review of Questions to Answer, Potential Additions to List

1. What is the trigger for maintenance?
2. How can we determine this trigger (inspection)?
3. Are there "maintenance fundamentals" associated with manufactured practices across the board or is every practice too unique for this?
4. Should maintenance tasks be divided by hydrodynamic separation versus filters?
5. Who is best able to conduct maintenance (should there be a training/certification for professionals/firms that conduct maintenance on manufactured BMPs)?
6. Whose responsibility is it to train these professionals/firms?
7. What is the proper disposal technique(s) for accumulated gross solids/ pollutants?
8. (new) what measures could be taken to reduce the maintenance costs?

Any other new questions to answer

Closing Round

If time allows, field trip to NCSU BAE research sites.

\*\*\*\*\*Lunch will be served at 12noon\*\*\*\*\*

Attendees:

William F. Hunt (Chair, North Carolina State University), Gordon England (Secretary, Stormwater Solutions Inc.), Hans DeBruijn (Terre Hill Stormwater Systems), Richard Gee (Montgomery County, MD), Qizhong (George) Guo (Rutgers University), William Lord (North Carolina Cooperative Extension), Mark Miller (AquaShield, Inc.), and Scott Perry (Imbrium Systems Corp.)

Summary:

The raised questions were discussed. The principal decisions were made at the meeting based on several presentations, prior group email correspondence and the day-long discussion. A draft conference paper was prepared immediately after the meeting. The conference paper is to be presented at ASCE's EWRI Environmental and Water Resources Congress, May 12-16, 2008, Honolulu, Hawaii.

Photos of the Post-Meeting Field Trip (taken by George Guo):



Rain Chains (on NC State University Campus)



Porous Pavement (to the right, on NC State University Campus)